

RESOURCES AGENCY OF CALIFORNIA  
 DEPARTMENT OF CONSERVATION  
 DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES  
**REPORT OF PROPERTY AND WELL TRANSFER**

Field or county <b>Wilmington</b>		District - Cypress (D1)	
Former owner <b>Four Teams Oil Production &amp; Exploration Company, Inc.</b>		Opcode: <b>F1535</b>	Date <b>August 12, 2010</b>
<b>SEE ATTACHMENT</b>			
Description of the land upon which the well(s) is (are) located <p style="text-align: center;">See Attachment</p>			
Date of transfer, sale, assignment, conveyance, or exchange <b>8/1/2010</b>	New Owner <b>E &amp; B Natural Resources Management Corp.</b>	Operator code <b>E0100</b>	Type of Organization <b>Corporation</b>
	Address <b>1600 Norris Road Bakersfield, CA 93308</b>		Telephone No. <b>(661) 679-1700</b>
Reported by <b>OG30A received 8/11/2010 signed by both parties</b>			
Confirmed by. <b>Same as above</b>			
New operator new status (status abbreviation) <b>PA</b>	Request Designation of Agent <b>Jeffrey Blesener</b>		
Old operator new status (status abbreviation) <b>PA</b>	Remarks <b>See Operator File</b>		
Deputy Supervisor <b>Kenneth Carlson</b>		Signature  <b>Chris McCullough, Associate Engineer</b>	

**OPERATOR STATUS ABBREVIATIONS**

	FORM AND RECORD CHECK LIST					
	Form or record	Initials	Date	Form or record	Initials	Date
PA - Producing Active						
NPA - No Potential Active						
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

NATURAL RESOURCE AGENCY  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

REPORT OF CANCELLATION

Cypress, California  
July 15, 2009

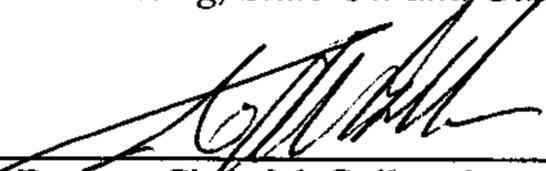
Michael Sliwoski  
Four Teams Oil Production & Exploration Inc.  
P.O. Box 877  
Lakewood, CA 90714

Your Permit to Conduct Well Operations has expired. The following change pertaining to your well "Wnf-I" 54, API. No. 037-22871, Wilmington Field, Los Angeles County, Sec. 29, T. 4S, R. 13W, S.B. B. & M., is being made in our records:

Your supplementary notice to rework and convert to injection dated 05/27/2008, and our report No. P108-0398, supplementary notice to rework and convert to injection dated 06/23/2005, and our report No. P 105-0439, and your notice to rework convert to injection dated 06/02/2004, and our report No. P104-0348 issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have an individual bond on file covering this notice, it will be returned. No request for such return is necessary.

CANCELLATION/ CORRECTION mode:	Date/Initials
Form 121	7/16/2009
Form 177	
Form 140	
WELL Reports	7/16/2009
RECORDS: Log File	
EDP	
BOND	
FIELD MAP	
MAP BOOK	

Jason Marshall  
Acting, State Oil and Gas Supervisor

By   
Chris McCullough  
Associate Engineer

cc: Update

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P 108-0398

**PERMIT TO CONDUCT WELL OPERATIONS**

**WATERFLOOD PROJECT**

Michael Sliwoski, Agent  
Four Teams Oil Production & Exploration Inc.  
P.O. Box 877  
Lakewood, Ca 90714

849  
(Field Code)  
03  
(Area Code)  
20  
(New Pool Code)  
20  
(Old Pool Code)  
Cypress, California  
May 30, 2008

Your supplementary proposal to rework and convert to injection well "WNF-I" 54, A.P.I. No.037-22871, Section 29, T.4S, R. 13W S.B B. & M., Wilmington Field, Fault Block I, Onshore area, Ranger pool, Los Angeles County, dated 5/27/2008, received 5/28/2008 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED:**

1. The permit to rework this well is extended through 5/30/2009.
2. In all other respects the well shall be reworked in accordance with the provisions set forth in our report No. P104-0348, dated June 7, 2004.

**NOTE:**

1. Hydrogen sulfide gas is known to be present in this area. Adequate safety precautions shall be taken prior to commencing operations.

AA: aa

cc: Update  
EDP

BLANKET BOND  
Project Code: XIR

*Cancelled 7/16/2009*

Engineer: Anneliese Anderle

Phone: 714/816-6847

Hal Bopp  
State Oil and Gas Supervisor  
By William E. Brannon  
For William E. Brannon, Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

WELL STATUS INQUIRY

S/AA  
 PH 108-0398  
 Cypress, California  
 May 6, 2008

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD114	OGD121
		5-28-08 KJ

Michael J. Sliwoski, Agent  
 FOUR TEAMS OIL PROD & EXPL CO INC  
 P. O. Box 877  
 Lakewood, CA 90714

In a notice dated 6/23/05, you propose to rework and convert to injection well "Wnf-I" 54, API No. 037-22871, Sec. 29, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

Please indicate below, conditions or intentions regarding this proposed work and return the completed form to this office within 10 days.

Hal Bopp  
 State Oil and Gas Supervisor  
 By Anneliese Anderle  
 Anneliese Anderle, Associate Engineer

AA:vm

- PROPOSED WORK HAS BEEN DONE. (If you check this space, please file the required well records on this work in duplicate within 60 days after work was completed.)\*
- PROPOSED WORK IS IN PROGRESS AND SHOULD BE COMPLETE ABOUT \_\_\_\_\_ (Date of completion.)
- PROPOSED WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.\*\*
  - SUPPLEMENTARY NOTICE (Form OG123) ATTACHED.
  - PLEASE CONSIDER THIS FORM AS A SUPPLEMENTARY NOTICE.
- WE DO NOT INTEND TO DO THE PROPOSED WORK. Please cancel our notice to \_\_\_\_\_ dated \_\_\_\_\_
- OTHER: \_\_\_\_\_

Michael J. Sliwoski 5/27/08  
 (Signature) Date  
Sliwoski PRESIDENT  
 (Name and Title)  
 Cancelled 7/16/2009

\* Division 3 of the Public Resources Code states in part:  
 Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.  
 \*\* Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered cancelled. (To prevent cancellation, file a Supplementary Notice with the division.)

REC'D MAY 28 2008

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P 105-0439

**PERMIT TO CONDUCT WELL OPERATIONS**

849  
(Field Code)

03  
(Area Code)

20  
(New Pool Code)

20  
(Old Pool Code)

WATERFLOOD PROJECT  
TIDELANDS WELL

Mike Sliwoski, Agent  
Four Teams Oil Production & Exploration Inc.  
P.O. Box 889  
Southgate Ca 90280

Cypress, California  
July 8, 2005

Your supplementary proposal to rework and convert to injection well "Wnf-I" 54, A.P.I. No.037-22871, Section 29, T.4S, R. 13W M., Wilmington Field, Fault Block F.B. I, Onshore area, Ranger pool, Los Angeles County, dated \*/\*\*/, received 7/6/2005 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED:**

1. In all other respects the well shall be reworked in accordance with the provisions set forth in our report No. P104-0348, dated June 7, 2004.

**NOTE:**

1. Hydrogen sulfide gas is known to be present in this area. Adequate safety precautions shall be taken prior to commencing operations.

AA: aa

cc: Update  
EDP

310-549-6284

BLANKET BOND  
Project Code: XIR

Cancelled 7/16/2009

Engineer: Anneliese Anderle

Phone: 714/816-6847

\_\_\_\_\_  
Hal Bopp  
State Oil and Gas Supervisor  
By [Signature]  
For R. K. Baker, Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

The Resources Agency of California  
Department of Conservation  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES  
**WELL STATUS INQUIRY**

06/AA  
P# 105-0439  
133/1 - 7/7/05

Cypress, Calif.

June 23, 2005

Mike Sliwoski, Agent  
Four Teams Oil Production & Exploration Inc.  
P. O. Box 877  
Lakewood, CA 90714

In a notice dated June 2, 2004, you propose to rework and convert to injection  
Well "Wnf" 54 API number 037-22871  
Field Wilmington, County Los Angeles, Sec. 29, T. 4S, R. 13w, SB B.&M.

Please indicate below the conditions or intentions regarding this proposed work, and return the completed form to this office within 10 days.

Hal Bopp  
State Oil and Gas Supervisor

By Anneliese A. ...

- PROPOSED WORK HAS BEEN DONE. (If you check this box, please file the required well records on this work in duplicate within 60 days after work was completed.\*)
- PROPOSED WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT \_\_\_\_\_ (date)
- PROPOSED WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.\*\*
  - SUPPLEMENTARY NOTICE (Form OG123) ATTACHED.
  - PLEASE CONSIDER THIS FORM AS A SUPPLEMENTARY NOTICE.
- WE DO NOT INTEND TO DO THE PROPOSED WORK. Please cancel our notice to \_\_\_\_\_ dated \_\_\_\_\_
- OTHER: \_\_\_\_\_

M. Sliwoski  
(Signature)

M.T. Sliwoski President  
(Name and title)

Cancelled 7/6/2009

\* Division 3 of the *Public Resources Code* states, in part:  
Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.  
\*\* Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled.  
(To prevent cancellation, file a Supplementary Notice with the division.)

The Resources Agency of California  
Department of Conservation  
**DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES**  
**WELL STATUS INQUIRY**

Cypress, Calif.

June 23, 2005

Mike Sliwoski, Agent  
Four Teams Oil Production & Exploration Inc.  
P. O. Box 877  
Lakewood, CA 90714

In a notice dated June 2, 2004, you propose to rework and convert to injection  
Well "Wnf" 54 API number 037-22871  
Field Wilmington, County Los Angeles, Sec. 29, T. 4S, R. 13w, SB B.&M.

Please indicate below the conditions or intentions regarding this proposed work, and return the completed form to this office within 10 days.

Hal Bopp  
State Oil and Gas Supervisor

By *Annellee Anderson*

- PROPOSED WORK HAS BEEN DONE. (If you check this box, please file the required well records on this work in duplicate within 60 days after work was completed.\*)
- PROPOSED WORK IS IN PROGRESS AND SHOULD BE COMPLETED ABOUT \_\_\_\_\_ (date)
- PROPOSED WORK HAS NOT BEEN DONE, BUT WE STILL INTEND TO DO THE WORK.\*\*
- SUPPLEMENTARY NOTICE (Form OG123) ATTACHED.
- PLEASE CONSIDER THIS FORM AS A SUPPLEMENTARY NOTICE.
- WE DO NOT INTEND TO DO THE PROPOSED WORK. Please cancel our notice to \_\_\_\_\_  
dated \_\_\_\_\_
- OTHER: \_\_\_\_\_

(Signature)

(Name and title)

- \* Division 3 of the *Public Resources Code* states, in part:  
Section 3215, ...Well records shall be filed 60 days after completion or suspension of proposed work.
- \*\* Section 3203, ...If operations have not commenced within one year of receipt of the notice, the notice will be considered canceled.  
(To prevent cancellation, file a Supplementary Notice with the division.)

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P 104-03448

PERMIT TO CONDUCT WELL OPERATIONS

849  
(Field Code)

03  
(Area Code)

20  
(New Pool Code)

20  
(Old Pool Code)

T

Sec 3606 well

Mike Sliwoski, Agent  
Four Teams Oil Production & Exploration Inc.  
P.O. Box 877  
Lakewood CA 90714

Cypress, California  
June 7, 2004

Your proposal to rework and convert to injection well "Wnf-I" 54, A.P.I. No.037-22871, Section 29, T.4S, R. 13W M., Wilmington Field, Fault Block F.B. I, Onshore area, Ranger pool, Los Angeles County, dated 6/2/2004, received 6/2/2004 has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED:**

1. Blowout prevention equipment with hydraulic controls, equivalent to this Division's Class II2M requirements, or better, shall be installed and maintained in operating condition.
2. Well killing fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. Within three months after injection is started, and every two years thereafter, this Division shall be furnished with sufficient data to confirm the confinement of the injected fluid to the intended zone of injection and to demonstrate the mechanical integrity of the injection tubing and packer.
4. Prior to any sustained injection above a gradient of 0.9 psi per foot of depth as measured at the sand face, injectivity and profile tests shall be made. The results of these tests and the proposed method of operations as to input rate, pressure and water distribution by subzones shall be submitted to this Division for approval.
5. All fluid injection shall be done through tubing with packer set in cemented casing immediately above the intended zone of injection.
6. A pressure test is conducted to demonstrate the mechanical integrity of the 7" casing.
7. This Division shall be consulted and a Supplementary Notice may be required before making any changes in the proposed program.
8. **THIS DIVISION SHALL BE NOTIFIED TO:**
  - a. Inspect the installed blowout prevention equipment prior to commencing downhole operations.
  - b. Witness a pressure test of the 7" casing prior to injection.
  - c. Witness the running of an injection survey.

NOTE: This well shall conform to the provisions set forth in our letter dated May 27, 2001, approving the project.

MS:ms  
cc: Update  
EDP

BLANKET BOND  
Project Code: XIR

Engineer: Melvin Saw

Phone: 714/816-6847

*Cancelled 7/16/2009*  
Hal Bopp  
State Oil and Gas Supervisor  
By [Signature]  
For R. K. Baker, Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

06/JJ

**NOTICE OF INTENTION TO REWORK / REDRILL WELL**

P 1046348

C.E.Q.A. INFORMATION (when redrilling or deepening only)			
EXEMPT <input type="checkbox"/>	NEG. DEC. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
CLASS _____	S.C.H. NO. _____	S.C.H. NO. _____	

FOR DIVISION USE ONLY			
BOND	FORMS		EDP WELL FILE
	OGD114	OGD121	
I	6/5/04	6/3/04	

This notice and an indemnity or cash bond must be filed, and approval given, before rework/redrill begins. (See the reverse side for bonding information.) If operations have not commenced within one year of receipt of the notice, this notice will be considered canceled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to

rework/redrill well WNF-1#54, API No. 037-22871  
*(Well designation)*

Sec. 29, T. 4S, R. 13W, S.B. B.&M., Wilmington Field,  
Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:  
 10-3/4" 40.5# K-55 cmtd at 600' w/ 852 cu ft, top job 50 sx.  
 7" 23# K-55 cmtd at 4337' w/ 440 sx. WSO 4323'.  
 5" 18# K-55 liner 4277'-4485'. Perfs: 0.012" pipeless SSWWS 4347'-4479'. Gravel packed w/ 20/40.  
 Plugs: None

2. The total depth is: 4507 feet. The effective depth is: 4485 feet.

3. Present completion zone (s): Ranger. Anticipated completion zone (s): Ranger  
*(Name)* *(Name)*

4. Present zone pressure: 1300 +/- psi. Anticipated/existing new zone pressure: 1300 +/- psi.

5. Last produced: (current) 3 5 0  
*(Date)* *(Oil, B/D)* *(Water, B/D)* *(Gas, Mcf/D)*

(or)  
Last injected: \_\_\_\_\_  
*(Date)* *(Water, B/D)* *(Gas, Mcf/D)* *(Surface pressure, psig)*

6. Is this a critical well according to the definition on the reverse side of this form? Yes  No

The proposed work is as follows: (A complete program is preferred and may be attached.)

**Cement Squeeze Casing Leak, Convert Back to Injection**

Install BOPE.

Locate casing leak, pressure testing casing with packer to 300 psi. If there is a casing leak, proceed to set retrievable bridge plug, cap with sand, cement squeeze leak, drill out and test casing to 300 psi, and retrieve bridge plug. Clean out to bottom. Run 2-7/8" tubing with 7" 23# packer set at ~4200'. Place well on water injection. Run Injection survey within 90 days.

For redrilling or deepening: \_\_\_\_\_  
*(Proposed bottom-hole coordinates)* *Estimated true vertical depth*

The division must be notified if changes to this plan become necessary.

*Cancelled 7/16/2009*

Name of Operator <b>Four Teams Oil Production and Exploration, Inc.</b>	Telephone Number <b>310 549 6984</b>
Address <b>P. O. Box 877</b>	City <b>Lakewood, CA</b>
Name of Person Filing Notice <b>Stan Brown, Consulting Petroleum Engr.</b>	Zip Code <b>90714</b>
	Date <b>06/02/2004</b>

File In Duplicate

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES  
**HISTORY OF OIL OR GAS WELL**

Operator: Four Teams Oil Prod. & Expl., Inc. Field: Wilmington County: Los Angeles

Well: WNF-I #54

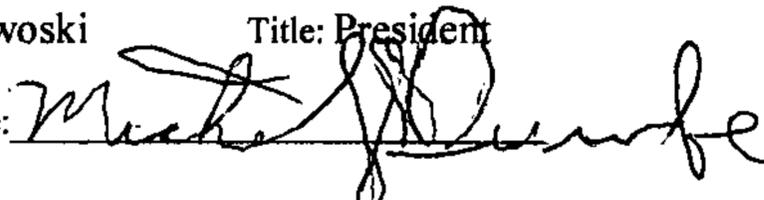
Section 29, T 4S, R 13W, S.B.B.&M.

A.P.I. No. 037-22871

Name: Mike Sliwoski

Title: President

Date: 3/13/01  
(month, day, year)

Signature: 

Address: P. O. Box 889  
Southgate, CA 90280

Telephone: 310 549 6984

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test results, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Date

**Convert from water injection well back to producing well and return to production**

- 1/31/00      MIRU production rig. Installed BOPE. Released 7" packer and POH / laid down injection tubing string. Ran sinker bar on sandline, tagged at 4485' (bottom). Picked up and tested in at 5000 psi with 1 jt 2-7/8" tubing tail, T/L pump shoe and 135 jts. 2-7/8" tubing. Landed with tail at 4250' KB.
- 2/1/00      Tested 2-1/2" x 2" pump. RIH with pump and 136 3/4" rods. Hung well on and converted to production. Commenced production.

DIVISION OF OIL, GAS  
& GEOTHERMAL RESOURCES  
CYPRUS

MAR 15 2001

RECEIVED

DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

**CHECK LIST – RECORDS RECEIVED AND WELL STATUS**

Company:	<b>FOUR TEAMS OIL PROD. &amp; EXPL. CO., INC.</b>	Well: "WNF-1" 54
API#:	<b>037-22871</b>	Sec. 29, T. 4S, R.13W. S. B. B. & M.
County:	<b>LOS ANGELES</b>	Field: <b>WILMINGTON</b>

RECORDS RECEIVED	DATE	STATUS
Well Summary (Form OG100)	<b>3-15-01 (2)</b>	Producing <input checked="" type="checkbox"/> Drilling <input type="checkbox"/>
History (Form OG103)		Abandoned <input type="checkbox"/> Idle <input type="checkbox"/>
Core Record (Form OG101)		Reabandoned <input type="checkbox"/> Other <input type="checkbox"/>
Directional Survey		
Sidewall Samples		
Date final records received.		
Electric Logs:		
Other:		

WELL TYPE	
Oil <input checked="" type="checkbox"/>	Waterflood <input type="checkbox"/>
Gas <input type="checkbox"/>	Water Disposal <input type="checkbox"/>
Water Source <input type="checkbox"/>	Cyclic Steam <input type="checkbox"/>
Observation <input type="checkbox"/>	Steam Flood <input type="checkbox"/>
Exploratory <input type="checkbox"/>	Fire Flood <input type="checkbox"/>
Dry Hole <input type="checkbox"/>	Other <input type="checkbox"/>

EFFECTIVE DATE: **2/1/00**

REMARKS:

ENGINEERS CHECK LIST	CLERICAL CHECK LIST
<input checked="" type="checkbox"/> Summary, History & Core Record (Dupl.)	Location change
<input checked="" type="checkbox"/> Electric Log	Elevation change
<input type="checkbox"/> Operator's Name	Form OGD121
<input type="checkbox"/> Signature	Form OGD150b (Release of Bond)
<input checked="" type="checkbox"/> Well Designation	Duplicate logs to archives
<input type="checkbox"/> Location	Notice of Records Due
<input type="checkbox"/> Elevation	EDP <i>OK 3/22/01</i> <input checked="" type="checkbox"/>
<input type="checkbox"/> Notices	District Date Base
<input type="checkbox"/> "T" Reports	Final Letter (OG159)
<input type="checkbox"/> Casing Record	Update Center <i>3/22/01</i> <input checked="" type="checkbox"/>
<input type="checkbox"/> Plugs	
<input type="checkbox"/> Directional Survey	
<input checked="" type="checkbox"/> Production/Injection <i>Ranger 20</i>	
<input type="checkbox"/> E Well on Prod., enter EDP	
<input type="checkbox"/> Surface Inspection Required	<b>TECHNICIAN CHECK LIST</b>
<input type="checkbox"/> Surface inspection Waived (181)	Date Surface Inspection Completed:
<input type="checkbox"/> Surface inspection Waived (Island)	Other:
<input type="checkbox"/> Well site restoration deferred (common cellar)	
<input type="checkbox"/> Final Letter Required AB: <input type="checkbox"/> REAB: <input type="checkbox"/>	
<input type="checkbox"/> Other:	

RECORDS NOT APPROVED	RECORDS APPROVED
(Reason:)	(Signature)
	RELEASE BOND
	Date Eligible
	(Use date last needed records received.)
	MAP AND MAP BOOK
	<i>MAP 128 Paul Faust 4-12-2001</i>

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

No. P 100-0285

**PERMIT TO CONDUCT WELL OPERATIONS**

Sec 3606 well

849

(Field Code)

03

(Area Code)

20

(New Pool Code)

20

(Old Pool Code)

Mike Sliwoski, Agent  
FOUR TEAMS OIL PRODUCTION & EXPLORATION INC.  
P.O. Box 889  
Southgate CA 90280

Cypress, California  
March 31, 2000

Your proposal to rework convert to production well "Wnf-I" 54, A.P.I. No. 037-22871, Section 29, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Onshore, F.B. I area, Ranger pool, Los Angeles County, dated 2/11/00, received 3/30/00 has been examined in conjunction with records filed in this office.

**THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT IS APPROVED PROVIDED:**

1. This Division shall be consulted and a Supplementary Notice may be required before making any changes in the proposed program.

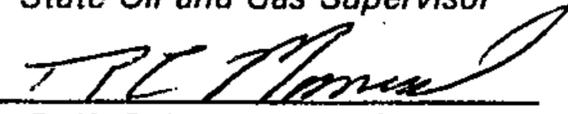
FML:fl  
cc: Update  
EDP

BLANKET BOND

Engineer: Floyd Leeson

Phone: 714/816-6847

William F. Guerard, Jr.  
State Oil and Gas Supervisor

By   
For R. K. Baker, Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations. Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

OG 111

ATTN: Mike Sliwoski  
310 -  
549-8915

06/FL

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES

# NOTICE OF INTENTION TO REWORK / REDRILL WELL

P# 100-0285

C.E.Q.A. INFORMATION (when redrilling or deepening only)			
EXEMPT <input type="checkbox"/>	NEG. DEC. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
CLASS _____	S.C.H. NO. _____	S.C.H. NO. _____	
See Reverse Side			

FOR DIVISION USE ONLY			
BOND	FORMS		EDP WELL
④	OGD114	OGD121	FILE
BB	3/30/00	3/30/00	/

This notice and an indemnity or cash bond must be filed, and approval given, before the rework/redrill begins. (See the reverse side for bonding information.) If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework/redrill well WNF-I #54, API No. 037-22871  
(Circle one) (Well designation)

Sec. 29, T. 4S, R. 13W, S.B. B.&M., Wilmington Field,  
Los Angeles County.

1. The complete casing record of the well (present hole), including plugs and perforations, is as follows:  
 10-3/4" 40.5# K-55 cmtd at 600'.  
 7" 23# K-55 cmtd at 4337'. WSO at 4323'.  
 5" 18# K-55 4277'-4485'. 0.012" WW screen 4347'-4479' at intervals.

2. The total depth is: 4485 feet. The effective depth is: 4485 feet.

3. Present completion zone (s): Ranger. Anticipated completion zone (s): Ranger.  
(Name) (Name)

4. Present zone pressure: 1200 ± psi. Anticipated/existing new zone pressure: 1200 ± psi.

5. Last produced: \_\_\_\_\_ (Date) \_\_\_\_\_ (Oil, B/D) \_\_\_\_\_ (Water, B/D) \_\_\_\_\_ (Gas, Mcl/D)  
 (or)

Last injected: 11/89 (Date) 100 (Water, B/D) \_\_\_\_\_ (Gas, Mcl/D) 1630 (Surface pressure, psig)

6. Is this a critical well according to the definition on the reverse side of this form? Yes  No

**The proposed work is as follows:** (A complete program is preferred and may be attached.)

Convert from water injection well to producing well. Return to production.

84903  
2

For redrilling or deepening: \_\_\_\_\_  
(Proposed bottom-hole coordinates) Estimated true vertical depth

**The division must be notified if changes to this plan become necessary.**

Name of Operator <u>Four Teams Oil Prod. &amp; Expl., Inc.</u>	Telephone Number <u>310 549 6984</u>	
Address <u>P. O. Box 889</u>	City <u>Southgate, CA</u>	Zip Code <u>90280</u>
	Name of Person Filing Notice <u>Stan W. Brown, Consultant</u>	Signature <u>Stan W. Brown</u>
		Date <u>2/11/00</u>

## C.E.Q.A. INFORMATION

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

Lead Agency: \_\_\_\_\_

Lead Agency Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: (    ) \_\_\_\_\_

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Remarks:	_____ _____ _____

## CRITICAL WELL DEFINITION

As defined in the California Code of Regulations, Title 14, Section 1720 (a), "Critical well" means a well within:

1. 300 feet of the following:
  - a. Any building intended for human occupancy that is not necessary to the operation of the well; or
  - b. Any airport runway.
2. 100 feet of the following:
  - a. Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
  - b. Any navigable body of water or watercourse perennially covered by water;
  - c. Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
  - d. Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the State Oil and Gas Supervisor upon his or her own judgment or upon written request of an operator. The written request must contain justification for such an exception.

## WELL OPERATIONS REQUIRING BONDING

1. Drilling, redrilling, or deepening any well.
2. Milling out or removing a casing or liner.
3. Running and cementing casing or tubing.
4. Running and cementing liners and inner liners.
5. Perforating casing in a previously unperforated interval for production, injection, testing, observation, or cementing purposes.
6. Drilling out any type of permanent plug.
7. Reentering an abandoned well having no bond.

DIVISION OF OIL, GAS  
& GEOTHERMAL RESOURCES  
CYPRESS

MAR 3 0 2000

RECEIVED

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES  
**HISTORY OF OIL OR GAS WELL**

Operator: Four Teams Oil Prod. & Expl., Inc. Field: Wilmington County: Los Angeles

Well: WNF-I #54

Section 29, T 4S, R 13W, S.B.B.&M.

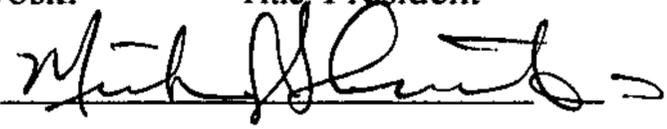
A.P.I. No. 037-22871

Name: Mike Sliwoski

Title: President

Date: 2/14/00

(month, day, year)

Signature: 

Address: P. O. Box 889

Southgate, CA 90280

Telephone: 310 549 6984

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment, with the dates thereof. Include such items as hole size, formation test results, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, and initial production data.

Date

**Convert from water injection well back to producing well and return to production**

1/31/00      MIRU production rig. Released 7" packer and POH with tubing. Ran sinker bar on sandline, tagged at 4485' (bottom). Tested in at 5000 psi with 1 jt 2-7/8" tubing tail, T/L pump shoe and 135 jts. 2-7/8" tubing. Landed with tail at 4250'.

2/1/00      Tested 2-1/2" x 2" pump. RIH with pump and 136 3/4" rods. Hung well on and returned to production.

DIVISION OF OIL, GAS  
& GEOTHERMAL RESOURCES  
CYPRUS

MAR 3 0 2000

RECEIVED

# **WELL TRANSFER NOTICE**

On 12-21-98

**XL OPERATING COMPANY**

transferred

all wells in the Wilmington field

(See OGD156 dated December 21, 1998 for complete list)

to

**FOUR TEAMS OIL PROD. & EXPL., INC.**

# **WELL TRANSFER NOTICE**

Effec February 7, 1997

**XTRA ENERGY CORPORATION**  
***TRANSFERRED***

*all wells Wilmington*

*(See Operator File for Complete List)*

***TO***

**XL OPERATING COMPANY**

***SEE OGD156 DATED 02-7-97***

DIVISION OF OIL AND GAS  
CHECK SHEET - RECORDS RECEIVED AND WELL STATUS

Company XTRA ENERGY CORP Well No. "WNF-I" 54  
 API No. 037-22871 Sec. 29, T. 4S, R. 13W, S.B. B.&M.  
 County LOS ANGELES Field WILMINGTON

<u>RECORDS RECEIVED</u>	<u>DATE</u>	
Well Summary (Form OG100)	<u>8-19-85</u>	<u>2</u>
History (Form OG103)		
Core Record (Form OG101)		
Directional Survey		
Sidewall Samples		
Other		
Date final records received		
Electric logs:		

<u>STATUS</u>	<u>STATUS</u>
Producing - Oil	Water Disposal
Idle - Oil	Waterflood <input checked="" type="checkbox"/>
Abandoned - Oil	Steamflood
Drilling - Idle	Fire Flood
Abandoned - Dry Hole	Air Injection
Producing - Gas	Gas Injection
Idle - Gas	CO2 Injection <input checked="" type="checkbox"/>
Abandoned - Gas	LPG Injection
Gas-Open to Oil-Zone	Observation
Waterflood Source	
DATE <u>8-22-85</u>	"E" well Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

1. Summary, History, & Core record (dupl.)
2. Electric Log
3. Operator's Name
4. Signature
5. Well Designation
6. Location
7. Elevation
8. Notices
9. "T" Reports
10. Casing Record
11. Plugs
12. Surface Inspection
13. Production
14. E Well on Prod. Dir. Sur.

CLERICAL CHECK LIST

1. Location change (F-OGD165)
2. Elevation change (F-OGD165)
3. Form OGD121
4. Form OGD159 (Final Letter)
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)
8. EDP (F-OGD42A-1, 2)

UPDATE CENTER 8/29/85

RECORDS NOT APPROVED  
Reason: \_\_\_\_\_

RECORDS APPROVED [Signature] 8-22-85  
 RELEASE BOND \_\_\_\_\_  
 Date Eligible \_\_\_\_\_  
 (Use date last needed records were received.)  
 \* MAP AND MAP BOOK 128 [Signature]

**CHECK LIST - RECORDS RECEIVED AND WELL STATUS**

Well No. \_\_\_\_\_

API No. \_\_\_\_\_ Sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_, \_\_\_\_\_ B.&M.

<u>WORK PERFORMED</u>	<u>STATUS</u>	<u>DATE</u>
Drill _____ Redrill _____ Deepen _____	Producing _____ "E" well Yes <input type="checkbox"/> No <input type="checkbox"/>	
Plug _____ Alter Casing _____	Recompleted Producing _____	
Waterflood _____ Water Disposal _____	Waterflood _____	
Abandon _____	Water Disposal _____	
Other _____	Abandoned _____	
	Other _____	
	MAP AND BOOK _____ Engineer _____	

RECORDS FILED AND DATE Clerk \_\_\_\_\_

Summary \_\_\_\_\_

Log and Core \_\_\_\_\_

History \_\_\_\_\_

E-log \_\_\_\_\_

\_\_\_\_\_

Directional Survey \_\_\_\_\_

Other \_\_\_\_\_

RECORDS & REQUIREMENTS CHECKED Engineer \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location \_\_\_\_\_ Notice states \_\_\_\_\_

Surface Inspection \_\_\_\_\_

Data Needed \_\_\_\_\_

Request Records \_\_\_\_\_ OGD170 \_\_\_\_\_

Correct records \_\_\_\_\_ OGD165 \_\_\_\_\_

(Specify)

EDP \_\_\_\_\_ (OGD42A-1, 2) \_\_\_\_\_

Elevation \_\_\_\_\_ Notice states \_\_\_\_\_

CARDS \_\_\_\_\_

BOND \_\_\_\_\_

Hold \_\_\_\_\_ Reason \_\_\_\_\_

Release \_\_\_\_\_ Date Eligible \_\_\_\_\_ OGD150 \_\_\_\_\_

End premium year \_\_\_\_\_

Release requested \_\_\_\_\_

Bond superseded \_\_\_\_\_ (Check One)

Well abandoned \_\_\_\_\_

Production Reports \_\_\_\_\_

Environmental Inspection \_\_\_\_\_ Engineer \_\_\_\_\_

FINAL LETTER \_\_\_\_\_ OGD159 \_\_\_\_\_

and \_\_\_\_\_

File cleared \_\_\_\_\_ OGD121 \_\_\_\_\_

(If production reports not received, make notation and inform Senior Stenographer when received.)

SUBMIT IN DUPLICATE  
RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**History of Oil or Gas Well**

Operator XTRA ENERGY CORPORATION Field WILMINGTON County LOS ANGELES  
Well WNF-I # 54 , Sec. 29 , T4S. , R13W. , S.B.B. & M.  
A.P.I. No. 037-22871 Name JOHN D. CARMICHAEL Title SENIOR VICE PRES.  
Date AUGUST 6 , 19 85 (Person submitting report) (President, Secretary or Agent)

Signature *John D. Carmichael*

P. O. BOX 9 LONG BEACH, CA 90801 (213) 424-8549  
(Address) (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

CONVERSION TO INJECTION

3-18-85

W-54 - M.I.R.U., bled casing down. Pulled pump loose. Pulled and layed down 140 - 3/4" rods and pump. Made up sinker bar on sandline, tag bottom at 4485', no fill. Pulled head loose and landed BOP. Pulled and layed down 134 jts 2-7/8" tbg, made up Guiberson 7", 23# UNI Pkr VI with one joint 2-7/8" coated tail w/XN-nipple and Bell Collar on bottom. Rigged up Hydro-Test. Measured and picked up and tested at 5000 psi 135 joints 2-7/8" coated tubing. NOTE: had to rotate Bell Collar past past every 7" casing collar from 1400' to 4200'. Rigged tester down. Center of packer at 4204.07' and bottom of tail at 4240.69'. Tried to bleed well down, casing pressure was 700 psi, bled casing for an hour, solid oil was flowing out of casing. Rigged up to change well over. Pumped in 120 bbls of fresh water mixed w/25 gal of inhibitor. Well still would not stop flowing. Pumped in 70 more bbls of treated water. Well stopped flowing. Stripped off BOP. Set packer w/9000 lbs compression down. Landed head and master valve. Testing casing to 1000 psi, O.K. Pumped down tbg 500 gal of aeromatic solvent. Closed well in. Layed rig down. Loaded out mud pump and moved off.

COOPER & BRAIN, 32 RIG HOURS.

DIV. OF OIL AND GAS  
LONG BEACH, CA.

AUG 19 1 38 PM '85

RECEIVED



DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 121
3B	3/18/85	3/18/85

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well "WNF-1" 54, API No. 037-22871  
 (Well designation)  
 Sec. 29, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

The present condition of the well is as follows:

- Total depth 4507'
- Complete casing record, including plugs and perforations

10-3/4", 40-1/2#, K-55 to 600'  
 7", 23#, K-55 to 4337'  
 5", 18#, K-55, 4277' to 4485'

Perf'd 4347' - 4479' at intervals.  
 Johnson Pipeless SS wire wrapped with 12" slots.

- Present producing zone name Ranger; Zone in which well is to be recompleted Ranger
- Present zone pressure 800<sup>±</sup>; New zone pressure 1350 psi
- Producing last produced: (Date) 24 (Oil, B/D) 13 (Water, B/D) N/A (Gas, Mcl/D)
- (or)  
Last injected: (Date)  (Water, B/D)  (Gas, Mcl/D)  (Surface pressure, psig)

The proposed work is as follows:

Convert from producing well to WAG CO<sub>2</sub> - H<sub>2</sub>O injection well.

- Pull production equipment.
- Scrape 7" casing.
- Clean out to bottom, 4485'.
- Run injection equipment with packer set at 4245<sup>±</sup>.
- Place on H<sub>2</sub>O injection.
- Run spinner after 3 days.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 2501 Cherry Avenue, Suite 270  
 (Street)  
Signal Hill CA 90806  
 (City) (State) (Zip)  
 Telephone Number (213) 424-8549

Xtra Energy Corporation  
 (Name of Operator)  
 By John D. Carmichael  
 (Print Name)  
John D. Carmichael 3/15/85  
 (Signature) (Date)

RECEIVED  
MAR 18 2 08 PM '85  
DIV. OF OIL AND GAS  
LOS ANGELES, CA.

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Petra Energy Corp. Well No. "WNF-E" 54  
 API No. 039-22870 Sec. 29 T. 4S R. 13W B.&M.  
 County \_\_\_\_\_ Field Wilmington

RECORDS RECEIVED	DATE	
Well Summary (Form OGD100)	<u>10/21/83</u>	<u>(2)</u>
History (Form OGD103)	<u>10/21/83</u>	<u>(2)</u>
Core Record (Form OGD101)		
Directional Survey	<u>10/21/83</u>	<u>(3)</u>
Sidewall Samples		
Other		
Date final records received		
Electric logs:		
<u>dupl indust 245</u>	<u>10/21/83</u>	<u>(2)</u>

STATUS	STATUS
Producing - Oil	<input checked="" type="checkbox"/> Water Disposal
Idle - Oil	Water Flood
Abandoned - Oil	Steam Flood
Drilling - Idle	Fire Flood
Abandoned - Dry Hole	Air Injection
Producing - Gas	Gas Injection
Idle - Gas	CO2 Injection
Abandoned - Gas	LPG Injection
Gas-Open to Oil Zone	Observation
Water Flood Source	
DATE	<u>6-18-83</u>
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

- Summary, History, & Core record (dupl.)
- Electric Log
- Operator's Name \_\_\_\_\_
- Signature \_\_\_\_\_
- Well Designation \_\_\_\_\_
- Location \_\_\_\_\_
- Elevation \_\_\_\_\_
- Notices
- "T" Reports
- Casing Record \_\_\_\_\_
- Plugs \_\_\_\_\_
- Surface Inspection \_\_\_\_\_
- Production \_\_\_\_\_
- E Well on Prod. Dir. Sur.

CLERICAL CHECK LIST

- Location change (F-OGD165) \_\_\_\_\_
- Elevation change (F-OGD165) \_\_\_\_\_
- Form OGD121 \_\_\_\_\_
- Form OGD159 (Final Letter) \_\_\_\_\_
- Form OGD150b (Release of Bond) \_\_\_\_\_
- Duplicate logs to archives \_\_\_\_\_
- Notice of Records due (F-OGD170) \_\_\_\_\_

~~1/26/84~~

RECORDS NOT APPROVED

Reason: [Signature]

RECORDS APPROVED

199 1-12-84

RELEASE BOND

Date Eligible \_\_\_\_\_  
 (Use date last needed records were received.)

MAP AND MAP BOOK 128 ES 1/12/84

**CHECK LIST - RECORDS RECEIVED AND WELL STATUS**

Well No. \_\_\_\_\_

API No. \_\_\_\_\_ Sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_, \_\_\_\_\_ B.&M.

<u>WORK PERFORMED</u>	<u>STATUS</u>	<u>DATE</u>
Drill _____ Redrill _____ Deepen _____	Producing _____	
Plug _____ Alter Casing _____	Recompleted Producing _____	
Water Flood _____ Water Disposal _____	Water Flood _____	
Abandon _____	Water Disposal _____	
Other _____	Abandoned _____	
	Other _____	
	MAP AND BOOK _____ Engineer _____	

RECORDS FILED AND DATE Clerk \_\_\_\_\_

Summary \_\_\_\_\_

Log and Core \_\_\_\_\_

History \_\_\_\_\_

E-log \_\_\_\_\_

\_\_\_\_\_

Directional Survey \_\_\_\_\_

Other \_\_\_\_\_

RECORDS & REQUIREMENTS CHECKED Engineer \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location \_\_\_\_\_ Notice states \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Surface Inspection \_\_\_\_\_

Data Needed \_\_\_\_\_

Request Records \_\_\_\_\_ OGD170 \_\_\_\_\_

Correct records \_\_\_\_\_ OGD165 \_\_\_\_\_

(Specify)

Elevation \_\_\_\_\_ Notice states \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CARDS \_\_\_\_\_

BOND \_\_\_\_\_

Hold \_\_\_\_\_ Reason \_\_\_\_\_

Release \_\_\_\_\_ Date Eligible \_\_\_\_\_ OGD150 \_\_\_\_\_

End premium year \_\_\_\_\_

Release requested \_\_\_\_\_

Bond superseded \_\_\_\_\_ (Check One)

Well abandoned \_\_\_\_\_

Production Reports \_\_\_\_\_

\_\_\_\_\_

Environmental Inspection \_\_\_\_\_ Engineer \_\_\_\_\_

FINAL LETTER \_\_\_\_\_ OGD159 \_\_\_\_\_

and \_\_\_\_\_

File cleared \_\_\_\_\_ OGD121 \_\_\_\_\_

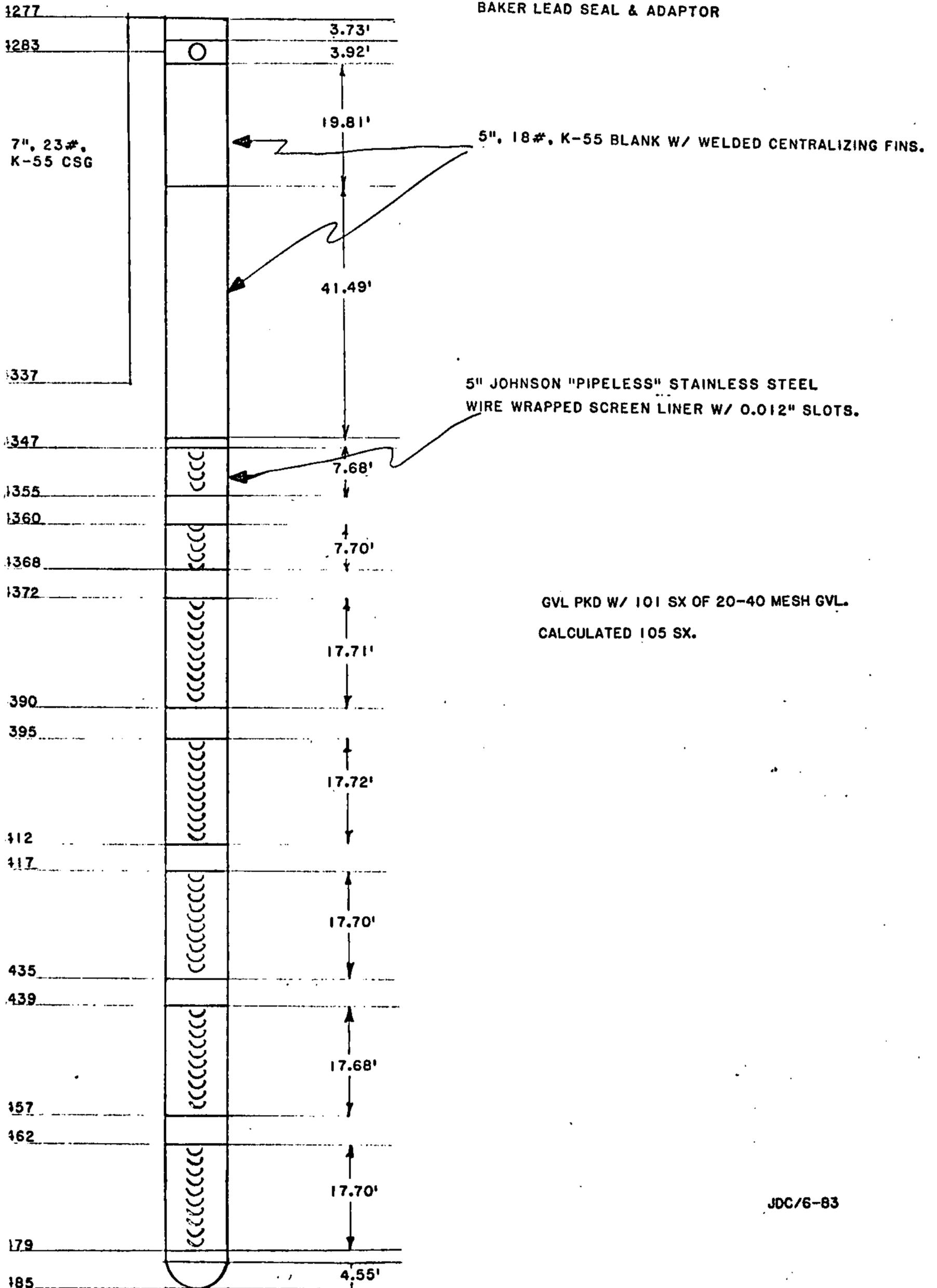
(If production reports not received, make notation and inform Senior Stenographer when received.)

# XTRA ENERGY CORP.

"WNF" I 54

LINER DETAIL  
WELL NO. 54

037-22871



JDC/6-83

RECEIVED  
OCT 21 1 54 PM '83  
DIVISION OF AIR AND GAS  
LONG BEACH, CA.

## WELL SUMMARY REPORT

Operator Xtra Energy Corporation		Well # 54 <sup>u</sup> WNF-154	
Field Wilmington		County Los Angeles	Sec. 29 T. 4S R. 13W B.&M. S.B.
Location (Give surface location from property or section corner, street center line and/or California coordinates) 517' North & 801' East of the intersection of the centerlines of Main St. & Lomita Blvd in the city of Carson.			Elevation of ground above sea level
Commenced drilling (date) June 7, 1983	Total depth (1st hole) 4507' (2nd) (3rd)		Depth measurements taken from top of: <input type="checkbox"/> Derrick Floor <input type="checkbox"/> Rotary Table <input checked="" type="checkbox"/> Kelly Bushing Which is 22 feet above ground
Completed drilling (date) June 18, 1983	Present effective depth 4507'		GEOLOGICAL MARKERS  "F" Marker  DEPTH 4336'
Commenced producing (date)	Junk		
<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas lift		Formation and age at total depth	
Name of producing zone(s) Ranger			

	Clean Oil (bbl per day)	Gravity Clean Oil	Percent Water including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production						
Production After 30 days						

### CASING RECORD (Present Hole)

Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
10 3/4"	Surf	600'	40.5#	K-55	New	14 3/4"	600 sx	
7"	Surf	4337'	23#	K-55	New	9 7/8"	440 sx	
5"	4277'	4485'	18#	K-55	New	9 7/8"-12"	Gvl Packed	

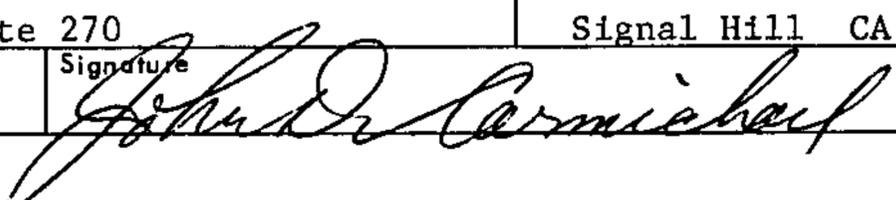
PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)  
5" Johnson "Pipeless" Stainless Steel wire wrapped screen w/ 0.012" slots.  
Gravel Packed w/ 101 sx 20-40 mech gravel. See liner detail attached.

Was the well directionally drilled? If yes, show coordinates at total depth  
 Yes  No 264' South & 2366' East @ 4507' TVD = 3484'

Electrical log depths  
4504' to 601'

Other surveys  
None

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name Xtra Energy Corporation		Title Senior Vice President	
Address 2501 Cherry Avenue Suite 270		City Signal Hill CA	Zip Code 90806
Telephone Number (213) 424-8549	Signature 	Date July 20, 1983	

RECEIVED  
OCT 21 1 52 PM '83  
DR. ... AND GAS  
LONG BEACH, CA.

SUBMIT IN DUPLICATE  
 RESOURCES AGENCY OF CALIFORNIA  
 DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**History of Oil or Gas Well**

Operator.....Xtra Energy Corp..... Field ....Wilmington..... County ...Los Angeles.....  
 Well.....No. 54....., Sec. 29....., T. 4S....., R13W..... S. B. B. & M.  
 A.P.I. No. 037-22871..... Name John D. Carmichael..... Title Senior Vice President  
 Date..... June 22....., 19 83..... (Person submitting report) (President, Secretary or Agent)

Signature *John D. Carmichael*  
 (213) 424-8549  
 (Telephone Number)

2501 Cherry Avenue Suite 270, Signal Hill CA 90806  
 (Address)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
6-7-83	MI from Well No. 56, RU, spud in @ 3 A.M. Drld & surveyed fr 55' to 250' @ 6 A.M. CB mud wt 79#/CF, Vis 47", WL 7.2 cc, Cake 2.32", Solids 15.0%, Sand 3.5%, 1600 ppm Cl, Oil 0.8%, pH 10.0.
6-8-83	Cont'd drlg & surveying 14-3/4" hole fr 250' to 615', C & C mud, POH, Ran 601.51' of 10-3/4" csg, Dowell pmpd 20 bbls dye wtr, 300 sx "G" cmt mxd 1:1:4, followed by 250 sx "G" neat cmt, total of 852 CF of slurry, no rtns, ran 90' of 1" tbg, pmpd 50 sx top job, CIP @ 9 P.M. WOC 5 hrs, cut conductor, cut off 28.00' of 10-3/4" csg, weld on well head @ 6 A.M. CB mud wt 73#/CF, Vis 53", WL 8.0 cc, Cake 2/32", Solids 10.0%, Sand 2.0%, 1500 ppm Cl, Oil - trace, pH 8.8.
6-9-83	N/U BOP, tst to 1000 psi, OK by DOG, D/O shoe, circ cln, RT for stabilizers, drld 9-7/8" hole fr 615' to 781', POH, RIH w/Dynadril, drld to 1665' @ 6 A.M. SS @ 1620', 35° 15', N 88° E, hole is 64' left & 33' hi. CB mud wt 73#/CF, Vis 48", WL 6.4 cc, Cake 2/32", Solids 10.0%, Sand 1.5%, 1000 ppm Cl, Oil trace, pH 10.5.
6-10-83	Cont'd Dynadrlg fr 1665' to 1728', C & C mud, RT for 9-7/8" bldg assy, drld to 2235', RT for locked up assy, cont'd drlg to 2337' @ 6 A.M. SS @ 2237', 55°, S 81° 30' E, hole is 45' left & 9' hi. CB mud wt 73#/CF, Vis 44", WL 5.1 cc, Cake 2/32", Solids 10.0%, Sand 0.5%, 1000 ppm Cl, Oil 7.0%, pH 10.2.
6-11-83	Cont'd drlg & surveying 9-7/8" hole fr 2337' to 2881', RTCB, cont'd drlg to 3077' @ 6 A.M. SS @ 2985', 53° 15', S 79° 30' E, hole is 2' rt & 25' hi. CB mud wt 75#/CF, Vis 48", WL 4.6 cc, Cake 2/32", Solids 12.0%, Sand 0.5%, 950 ppm Cl, Oil 5.0%, pH 9.4.
6-12-83	Cont'd drlg & surveying 9-7/8" hole fr 3077' to 3810' @ 6 A.M. SS @ 3749', 46° 15', S 81° 30' E, hole is 57' rt & 31' lo. CB mud wt 75#/CF, Vis 49", WL 4.5 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 950 ppm Cl, Oil 4.0%, pH 9.0.

- 6-13-83 Cont'd drlg & surveying 9-7/8" hole fr 3810' to 3969, RTCB, cont'd drlg to 4482' @ 6 A.M. SS @ 4398', 40° 15', S 84° 30' E, hole is 29' lo & 68' rt. CB mud wt 76#/CF, Vis 44", WL 4.6 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 900 ppm Cl, Oil 3.0%, pH 9.4
- 6-14-83 Fin drlg 9-7/8" hole fr 4482' to 4507', made wiper trip, C & C mud, POH, Sch ran IES log fr 4507' to 600', RIH w/9-7/8" drlg assy, C & C mud for csg, POH & LD 4-1/2" DP, H & H Tong Serv now rng 7" csg @ 6 A.M. SS @ 4507', 40° 15', S 85° E, hole is 74' rt & 16' lo. CB mud wt 76#/CF, Vis 45", WL 4.8 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 900 ppm Cl, Oil 2.0%, pH 9.5.
- 6-15-83 Fin rng 123 jts of 7", 23#, K-55, Buttress csg, FS @ 4337', FC @ 4259', Dowell pmpd 80 CF mud sweep, 340 sx "G" cmt mxd 1:1:4, 100 sx "G" cmt neat mxd w/ 0.5% densifier, all cmt mxd w/2% CaCl<sub>2</sub>, dsplsd w/169 bbls, bmpd plg w/1200 psi, rmvd BOP, set slips, cut off 26.95' of csg, weld on tbg head, instld BOP, test w/1000 psi, OK, RIH w/6-1/4" bit, P/U 3-1/2" DP, C/O float @ 4259', C/O cmt to 4326', C & C mud, POH @ 6 A.M.. CB mud wt 76#/CF, Vis 43", WL 6.1 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 900 ppm Cl, Oil 2.0%, pH 10.6.
- 6-16-83 Fin POH w/6-1/4" bit, RIH w/Howco WSO tools, perf'd 4 1/2" holes @ 4323', set pkr @ 4274', opn tool, li blo then dead for remainder of tst, POH, WSO OK'd by DOG, RIH w/6-1/4" bit, C/O cmt fr 4326', D/O shoe @ 4337', C/O to 4485', circ & chng over to polymer mud, POH, cln pits, RIH w/King under reamer, opn 9-7/8" hole to 12" fr 4337' to 4485', regauge hole, C & C mud for lnr @ 6 A.M. Polymer mud wt 73#/CF, Vis 42", WL 8.8 cc, Cake - film, Solids 2.0%, Sand - trace, Oil - trace, pH 8.6.
- 6-17-83 C & C mud, POH w/under reamer, RIH w/139' of Johnson stainless steel wire wrapped lnr & 61' of blank, shoe @ 4485', Baker gvl pkd lnr w/101 sx of 20-40 mesh snd, Calc vol 105 sx, rvse out, RT for lead seal, set @ 4277', dsplsd w/lease wtr @ 6 A.M.
- 6-18-83 POH & LD 3-1/2" DP, rmvd BOP, instld well head, RR @ 1 P.M. 6-17-83. RD to move to Well No. 53.

LONG BEACH, CA.  
GAS

OCT 21 1 5 PM '83

RECEIVED

Sec. 20-4S-13W

<u>OLD</u>	<u>NEW</u>	<u>API</u>
		<u>037-</u>
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

**REPORT ON PROPOSED CHANGE OF WELL DESIGNATION**

Long Beach, California

October 17, 1983

John D. Carmichael, Agent  
XTRA ENERGY CORPORATION  
2501 Cherry Avenue, Suite 270  
Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of  
see  
well(s) in Sec. below, T. 4S; R. 13W, S. B. & M., Wilmington field,  
Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized  
as follows: Sec. 19-4S-13W

OLD	NEW	API	OLD	NEW	API
DESIGN.	DESIGN.	037-	DESIGN.	DESIGN.	037-
8 "WNF-I" 8	8	22620	"American Can" 1	"WNF-I" 12	21433
10 "WNF-I" 10	10	22611	"	2 "WNF-I" 15	21644
18 "WNF-I" 18	18	22853	"	3 "WNF-I" 3	21768
19 "WNF-I" 19	19	22846	"Dasco Unit" 1	"WNF-I" 1	21671
20 "WNF-I" 20	20	22652	I-14	"WNF-I" 11	22603
23 "WNF-I" 23	23	22672	"Purex Unit" 1	"WNF-I" 9	21669
26 "WNF-I" 26	26	22666-01	"	2 "WNF-I" 5	21753
27 "WNF-I" 27	27	22673	"	3 "WNF-I" 4	21754
28 "WNF-I" 28	28	22674	"Sanitation Unit" 1	"WNF-I" 21	21445
29 "WNF-I" 29	29	22648	<u>Sec. 20-4S-13W</u>		
43 "WNF-I" 43	43	22682	31 "WNF-I" 31	22767	36 "WNF-I" 36 22769
<u>Sec. 20-4S-13W</u>			33 "WNF-I" 33	22768	37 "WNF-I" 37 22796
42 "WNF-I" 42	42	22689	34 "WNF-I" 34	22787	38 "WNF-I" 38 22752
44 "WNF-I" 44	44	22820	35 "WNF-I" 35	22795	39 "WNF-I" 39 22754

M. G. MEFFERD, State Oil and Gas Supervisor

By Richard C. [Signature]

FOR V. F. GAEDE, Deputy Supervisor

EDP  
Update  
Conservation Committee  
Long Beach Dept. of Oil Properties  
OGD 157 (3-79-DWRR-1M)

**DIVISION OF OIL AND GAS**

**Report on Operations**

SEC. 3606 WELL

John D. Carmichael, Agent  
XTRA ENERGY CORPORATION  
2501 Cherry Avenue, #270  
Signal Hill, CA 90801

Long Beach, Calif.  
June 29, 1983

Your operations at well 54, API No. 037-22871,  
Sec. 29, T. 4SR 13W, S.B. B & M, Wilmington Field, in Los Angeles County,  
were witnessed on 6/8/83 by E. Santiago, Engineer, representative of  
the supervisor, was present from 1100 to 1230. There were also present Roy Napier,  
Drilling Foreman  
Present condition of well: 16" cem 60'; 10-3/4" cem 600', TD 615' (Drilling).

The operations were performed for the purpose of testing the blowout prevention equipment  
and installation.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED  
NONE

DEFICIENCIES CORRECTED  
NONE

CONTRACTOR - Cal Pacific Drilling Co.

ES:csm

cc: Update

ACTING SL CORDOVA  
State Oil and Gas Supervisor  
By [Signature]  
ACTING Deputy Supervisor  
V.F. GAEDE

DIVISION OF OIL AND GAS  
BLOWOUT PREVENTION EQUIPMENT MEMO

6-28-83

T 183-476

Operator XTRA ENERGY CORP. Well 54 Field WILMINGTON County LOS ANGELES

VISITS: Date 6/8/83 Engineer E. SANTIAGO Time 1100 to 1230 Operator's Rep. ROY NAPIER Title D.F.  
 2nd \_\_\_\_\_ to \_\_\_\_\_

Casing record of well: 16" cem 60' ; 10 3/4" CEM 600' . TD 615 (drilling).

OPERATION: Testing (~~inspecting~~) the blowout prevention equipment and installation.  
 DECISION: The blowout prevention equipment and installation are approved.

Proposed Well Opns: DRILL MPSP: \_\_\_\_\_ psi  
 Hole size: 14 3/4" fr. 60' to 615' , \_\_\_\_\_ " to \_\_\_\_\_ " & \_\_\_\_\_ " to \_\_\_\_\_ "

REQUIRED  
BOPE CLASS: III-B-2M

CASING RECORD (BOPE ANCHOR STRING ONLY)				Cement Details		Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at		Casing	Annulus
10 3/4"	40.5	J-55	600'		3005x "6", 1:1:4 PERL & GEL (625.5 cf) followed by 2505x "6" Neet	560'	TOP JOB*

BOP STACK							a	b	a/b	TEST DATA			
API Symb.	Ram Sz.	Mfr.	Model or Type	Size In.	Press. Rtg.	Date Last Overhaul	Gal. to Close	Rec. Time Min.	Calc. GPM Output	psi Drop to Close	Secs. to Close	Test Date	Test Press
A	13 3/8	SHAFCO	—	13 3/8	3000	5/13						6/8	1000
Rd	4 1/2	SHAFFER	B	"	3000	5/13						6/8	1000
Rd	CS0	SHAFFER	B	"	3000	5/13						6/8	1000

ACTUATING SYSTEM			
Accum. Unit(s)	Wkg. Press.	3000 psi	
Total Rated Pump Output	_____ gpm		
Distance From Well Bore	50 ft.		
Mfr.	Accum. Cap.	Precharge	
1 KOOMEY	60 gal.	1500 psi	
2	gal.	psi	
CONTROL STATIONS		Elec.	Hyd.
X Manif. at accum. unit			X
X Remote at Drlr's stn.			X
Other:			
EMERG. BACKUP SYST.		Press.	Wkg. Fl.
X N2 Cyl	No: 2 Tpe: G	1 2200	( gal
Other:		2 2150	gal
		3	gal
		4	gal
		5	gal
		6	gal

AUXILIARY EQUIPMENT						
	No.	Sz. (in)	Rated Press.	Connections		
				Weld	Flan.	Thrd.
— Fill-Up Line						
X Kill Line		2	2000	X	X	1000
X Control Valve(s)	3		2000	X		—
X Check Valve(s)	1		2000	X		1000
X Auxil. Pump Connec.			2000			X
X Choke Line		3	3000	X	X	1000
X Control Valve(s)	7		3000	X	X	1000
X Pressure Gauge						X
X Adjustable Choke(s)	2	3	3000	X		1000
X Bleed Line		3				X
X Upper Kelly Cock						—
X Lower Kelly Cock		4 1/2	3000			1000
X Standpipe Valve						1000
X Standpipe Pressure Ga.						—
X Pipe Safety Valve		4 1/2	3000			—
X Internal Preventer		4 1/2	3000			—

HOLE FLUID MONITORING EQUIPMENT			Alarm	Class
X Calibrated Mud Pit	Aud.	Vis.	A	B
X Pit Level Indicator	X	X		
X Pump Stroke Counter		X		C
X Pit Level Recorder		X		
Flow Sensor				
Mud Totalizer				
Calibrated Trip Tank				
Other:				

REMARKS: \* TOP JOB: 50 5X "6" cem

Hole Fluid Type	Weight	Storage-Pits
CLAY BASE MUD	9.8	650 BBLs

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

NONE

CONTRACTOR

CAL PACIFIC DRILLING Co.

**DIVISION OF OIL AND GAS**

**Report on Operations**

SEC. 3606 WELL

John D. Carmichael, Agent  
XTRA ENERGY CORPORATION  
2501 Cherry Avenue, #270  
Signal Hill, CA 90801

Long Beach Calif.  
June 29, 1983

Your operations at well 54, API No. 037-22871,  
Sec. 29, T. 4S, R. 13W, S.B. B. & M. Wilmington Field, in Los Angeles County,  
were witnessed on 6/15/83 by E. Santiago, Engineer, representative of  
the supervisor, was present from 1400 to 1500. There were also present Jim Stewart,  
Drilling Foreman

Present condition of well: 16" cem 60'; 10-3/4" cem 600'; 7" cem 4337', perf 4323' WSO.  
TD 4507' (Drilling).

The operations were performed for the purpose of testing the 7" shut-off at 4323' with a  
formation tester.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED  
NONE

DEFICIENCIES CORRECTED  
NONE

CONTRACTOR - Cal Pacific Drilling Co.

ES: csm

cc: Update

By SI. CORDOVA  
ACTING State Oil and Gas Supervisor  
ACTING Deputy Supervisor  
V.F. GAEDE

6-28-83  
No. T 183-477

Operator XTRA ENERGY CORP.

Well designation 54 Sec. 29, T. 45, R. 13W, S8 B.&M.

Field WILMINGTON, County LOS ANGELES was tested for water shutoff on 6/15/83. (Name) ED SANTIAGO, representative of the supervisor, was present from 1400 to 1500. Also present were JIM STEWART D.F.

Casing record of well: 16" cem 60'; 10 3/4" cem 600'; 7" cem 4337', perf 4323' WSO.  
to 4507' (drilling).

The operations were performed for the purpose of (D-1) @ 4323'

- The 7" shutoff at 4323' is approved.
- The seal between the \_\_\_\_\_" and \_\_\_\_\_" casings is approved.
- The operations are approved as indicating that all of the injection fluid is confined to the formations below \_\_\_\_\_' at this time.

Hole size: 1 3/4" fr. 60' to 615'; 9/8" to 4507'; & \_\_\_\_\_" to \_\_\_\_\_'

Casing			Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus			
7"	23#	0'	4337'	6/14	BUMP PLUG w/ FLT CL @ 4259'	823cf	1275' rvd	4259'	—	2000*

Depth or interval tested FOUR 1/2" HOLES @ 4323'  
The hole was open to 4326' for test. MUD WEIGHT: 10.1 lb/gal

FORMATION TEST:  
Packer(s) 4274' & \_\_\_\_\_' Tail 4293' Bean size 3/4" Cushion NONE  
IHP 1792 IFP 13.6 FFP 13.6 FHP 1712  
Blow 4 min SOFT BLOW  
Open for test 1 Hr. 0 min. Fluid entry 40' drilling mud

BAILING TEST:  
The hole fluid was bailed to \_\_\_\_\_', at \_\_\_\_\_ on \_\_\_\_\_ 19\_\_.  
The hole fluid was found at \_\_\_\_\_', at \_\_\_\_\_ on \_\_\_\_\_ 19\_\_.  
(time)

PRODUCTION TEST:  
Gauge/meter reading \_\_\_\_\_ on \_\_\_\_\_ 19\_\_, at \_\_\_\_\_ pump depth \_\_\_\_\_' Engr. \_\_\_\_\_  
Gauge/meter reading \_\_\_\_\_ on \_\_\_\_\_ 19\_\_, at \_\_\_\_\_ Engr. \_\_\_\_\_  
Fluid level \_\_\_\_\_' surveyed on \_\_\_\_\_ 19\_\_, reviewed (witnessed) by \_\_\_\_\_  
Total fluid produced, Bbls. \_\_\_\_\_ Net oil \_\_\_\_\_ Water \_\_\_\_\_  
Rate: \_\_\_\_\_ B/D oil, \_\_\_\_\_ B/D water, \_\_\_\_\_ % water cut

INJECTION SURVEY:  
RA/Spinner/Temperature survey run at \_\_\_\_\_ B/D & \_\_\_\_\_ psi on \_\_\_\_\_ 19\_\_,  
fluid confined below \_\_\_\_\_' (Packer depth \_\_\_\_\_')

DEFICIENCIES—TO BE CORRECTED

*NONE*

DEFICIENCIES—CORRECTED

*NONE*

CONTRACTOR *CAL PACIFIC DRILLING Co.*

# REPORT ON PROPOSED OPERATIONS

SEC. 3606 WELL

848

(field code)

03

(area code)

00

(new pool code)

--

(old pool code)

Long Beach, California

May 19, 1983

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

2501 Cherry Avenue Ste., 270

Signal Hill, CA 90801

Your Drill proposal to 54" well, 54",  
A.P.I. No. 037-22871, Section 29, T. 4S, R. 13W, S. B. B. & M.,  
Wilmington field, F. B. I, Onshore area, Ranger pool,  
Los Angeles County, dated 5-9-83, received 5-12-83 has been examined in conjunction with records  
filed in this office.

## THE PROPOSAL IS APPROVED PROVIDED:

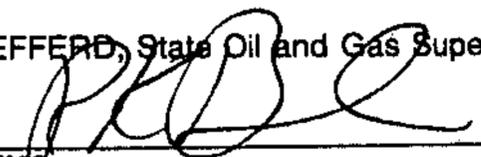
1. Blowout prevention equipment equivalent to this Division's Class III-B-2M requirements, or better, shall be installed and maintained in operating condition.
2. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. This Division shall be consulted and a supplementary notice may be required before making any changes in the proposed program.
4. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
5. A directional survey shall be made and filed with this Division.
6. THIS DIVISION SHALL BE NOTIFIED:
  - a. To witness a test of the installed blowout prevention equipment prior to drilling out cement in the shoe of the 10-3/4" casing.
  - b. To witness a test of the effectiveness of the 7" shut-off above the Ranger zone.

RM: dh

cc: Update  
EDP

Blanket Bond

M. G. MEFFERD, State Oil and Gas Supervisor

By   
V. F. GAEDE, ACTING Deputy Supervisor

**A copy of this report and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

**DIVISION OF OIL AND GAS**  
**Notice of Intention to Drill New Well**

C.E.Q.A. INFORMATION			
EXEMPT CLASS <input checked="" type="checkbox"/>	NEG. DEC. <input type="checkbox"/> S.C.H. NO. _____	E.I.R. <input type="checkbox"/> S.C.H. NO. _____	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
See Reverse Side			

FOR DIVISION USE ONLY				
MAP	MAP BOOK	CARDS	BOND	FORMS
				114 121
28	5/17/83	Blanket	Blanket	5/17/83 5/17/83

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. 54, API No. 037-22871 (Assigned by Division), Sec. 29, T. 4S, R. 13W, S. B. B. & M., Wilmington Field, Los Angeles County. Legal description of mineral-right lease, consisting of \_\_\_\_\_ acres, is as follows: \_\_\_\_\_ (Attach map or plat to scale)  
Map previously submitted.

Do mineral and surface leases coincide? Yes \_\_\_\_\_ No . If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 517 feet N ~~along section property line~~ and 801 feet E (Direction) (Cross out one) (Direction)

~~at right angles to said line from the~~ ~~corner of section property~~ \_\_\_\_\_ or from the intersection of the centerlines of Main St. & Lomita Blvd. (Cross out one)

Is this a critical well according to the definition on the reverse side of this form? Yes  No

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth: 185 feet South and 2318 feet East (Direction) (Direction)

Elevation of ground above sea level 39 feet.

All depth measurements taken from top of KB that is 22 feet above ground. (Derrick Floor, Rotary Table, or Kelly Bushing)

332 N / 3119 E

**PROPOSED CASING PROGRAM**

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10 3/4 "	40.5#	K-55	Surf	600 '	600 '	600 '
7 "	23#	K-55	Surf	4405 '	4405 '	2655 '
5 "	18#	K-55	4340 '	4535 '	wire wrapped "pipeless" screen with 0.012" slots.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Ranger, 4405', 1200 psi, Estimated total depth 4535' (Name, depth, and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator <u>Xtra Energy Corporation</u>	Type of Organization (Corporation, Partnership, Individual, etc.) <u>Corporation</u>
Address <u>2501 Cherry Avenue Suite 270</u>	City <u>Signal Hill</u> Zip Code <u>90806</u>
Telephone Number <u>(213) 424-8549</u>	Name of Person Filing Notice <u>John D. Carmichael</u> Signature <i>John D. Carmichael</i> Date <u>5/9/83</u>

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice *or* supply the following information:

Lead Agency: City of Carson

Lead Agency Contact Person: Joel Miller

Address: P. O. Box 6234

Carson, Ca. 90749

Phone: ( 213) 830-7600

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Remarks:	  

### CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

- (1) 300 feet of the following:
  - (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
  - (B) Any airport runway.
- (2) 100 feet of the following:
  - (A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
  - (B) Any navigable body of water or watercourse perennially covered by water;
  - (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
  - (D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

RECEIVED  
MAY 12 11 58 AM '83  
ON 2000 GAS  
OIL BEACH, CA

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 54

Reference Point: KB which is 22' above G. E.  
Surface Location: Lambert Coordinates N-4,039,645 E-4,205,402  
Bottom Hole Location: Lambert Coordinates N-4,039,460 E-4,207,720  
Elevation: 39' GE + 22' KB = 61'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'  
7 " 23 # to be cemented at 4405'  
5 " 18 # to be hung at 4535', top @ 4340'.

Perfs: 4420' to 4530' Wire wrapped pipeless Johnson Screen liner with 0.012" slots.

Proposed Hole Size:

0' to 600' 14-3/4" hole  
600' to 4535' 9-7/8" hole  
4405' to 4535' 9-7/8" hole to be underreamed to 12".

Proposed Total Depth: 4535'

Directional Program

Deflect hole at 800' and increase inclination at 4°/100' in a S 85° 26' E direction to 55° at 2175'. (T.V.D. 1973'). Maintain 55° inclination to a depth of 3410'. Drop angle at 2°/100' to a total depth of 4532'. Target is a 100' diameter circle with its center 185' South and 2318' East of the surface site. A total displacement of 2325'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 4535', use a fresh water clay base mud with the following properties.

a.	Weight	72 #/CF
b.	Fluid loss	5 cc
c.	P.V.	8 - 14 cps
d.	YP	4 - 6#/100 sq. ft.
e.	Funnel vis	38 - 42"
f.	Solids	12%

Well No. 54

POST OFFICE  
MAY 13 11 55 AM '83  
LONG BEACH, CA

3. For underreaming 9-7/8" hole to 12", use a polymer mud with the following properties.
  - a. Weight 72#/CF
  - b. P.V. 12 - 18 cps
  - c. YP 4 - 6 #/100 sq. ft.
  - d. Funnel vis 34 - 38"
  - e. Solids Minimum
  - f. KCl (KCl) 4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.
2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.
3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to + 40'.
2. Move in and rig up rotary equipment.
3. Drill 14-3/4" hole to 600'.
4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with a B & W stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 300 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% CaCl<sub>2</sub>.
5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.
6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 4535'.
7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.
8. Run 7", 23#, K-55 casing to 4405'. Casing to be fitted with a Baker basket shoe and Baker float collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 340 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% CaCl<sub>2</sub>, followed by 85 sacks of G cement, neat. Cement to reach 1750' TVD. Land Casing.

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9. After 24 hours, clean out cement to 4395' (+ 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.
10. Run 6-1/4" bit, drill out shoe at 4405' and clean out to 4535'.
11. Change over to Polymer completion fluid.
12. Underream 9-7/8" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.
13. Make up and run 5", 18#, K-55 liner as directed.
14. Gravel pack 5" x 12" annulus with 95 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

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