

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.

# 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**

**Report on Operations**

WATERFLOOD PROJECT

Agnes T. List, Agent-XTRA ENERGY CORP.  
c/o C T CORPORATION SYSTEM  
800 South Figueroa Street, Suite 1000  
Log Angeles, CA 90017

Long Beach, Calif.  
May 19, 1987

Your operations at well WNF-I" 15, API No. 037-21664  
Sec. 19, T. 4S, R. 13W, S.B. B. & M. Wilmington Field, in Los Angeles County,  
were witnessed on 4-7-87 by G. Chakmakian, Engineer, representative of  
the supervisor, was present from 1500 to 1630. There were also present D. Woosley,  
Drilling Foreman

Present condition of well: 13-3/8" cem 618'; 8-5/8" cem 3429', perf 3420' WSO'; 6-5/8" ld  
3342'-3742', perf 3349'-3737'; 4" ld 3335'-3737', perf 3343'-3737'. TD 3745'.

The operations were performed for the purpose of demonstrating that all of the injection fluid  
is confined to the formations below 3420'.

DECISION: APPROVED.

NOTE: DEFICIENCIES CORRECTED  
NONE

DEFICIENCIES TO BE CORRECTED  
NONE

UNCORRECTABLE DEFICIENCIES  
NONE

CONTRACTOR: Prime Perforating

GC: mh

cc: Update

M. G. MEFFERD  
State Oil and Gas Supervisor  
William E. Branner  
Deputy Supervisor  
for V. F. Gaede

DIVISION OF OIL AND GAS  
WATER SHUTOFF TEST

OK  
GJK  
4-28-87

No. T 187-278

Operator Xtra Energy Corporation

Well designation "WNF-I" 15 Sec. 19, T. 4S, R. 13W, SB B.&M.

Field Wilmington, County LA was tested for water shutoff on 4/7/87. (Name) G. Chakmakian, representative of the supervisor, was present from 1500 to 1630. Also present were D. Woosley O.F.

Casing record of well: 13 3/8" cem 618'; 8 5/8" cem 3429'; perf 3420' wSo; 6 5/8" Id 3342'-3742'; perf 3349'-3737'; 4" Id 3335'-3737'; perf 3343'-3737'. TD 3745'.

The operations were performed for the purpose of (P) 3420'

- The \_\_\_\_\_" shutoff at \_\_\_\_\_' 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 3420' at this time.

Hole size: \_\_\_\_\_" fr. \_\_\_\_\_' to \_\_\_\_\_'; \_\_\_\_\_" to \_\_\_\_\_'; & \_\_\_\_\_" to \_\_\_\_\_'

Casing			Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested \_\_\_\_\_  
The hole was open to \_\_\_\_\_' for test.

FORMATION TEST:

Packer(s) \_\_\_\_\_' & \_\_\_\_\_' Tail \_\_\_\_\_' Bean size \_\_\_\_\_" Cushion \_\_\_\_\_  
IHP \_\_\_\_\_ IFP \_\_\_\_\_ FFP \_\_\_\_\_ FHP \_\_\_\_\_  
Blow \_\_\_\_\_  
Open for test \_\_\_\_\_ Hr. \_\_\_\_\_ min. Fluid entry \_\_\_\_\_

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 152 B/D & 1575 psi on 4/6/1987,  
fluid confined below 3420' (Packer depth 3268')  
Pick-up @ 3597' csq open

DEFICIENCIES NOTED AND CORRECTED:

*None*

DEFICIENCIES NOTED AND TO BE CORRECTED:

*None*

UNCORRECTABLE DEFICIENCIES:

*None*

CONTRACTOR:

*Prime Perforating*

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Xtra Energy Corp. Well No. WIFE-1" 15  
 API No. 037-21664 Sec. 19, T. 4S, R. 13W, S.B. B.&M.  
 County Los Angeles Field Wilmington

<u>RECORDS RECEIVED</u>	<u>DATE</u>	<u>STATUS</u>	<u>STATUS</u>
Well Summary (Form OG100)		Producing - Oil	Water Disposal
History (Form OG103)	<u>5-14-84 (2)</u>	Idle - Oil	Water Flood <input checked="" type="checkbox"/>
Core Record (Form OG101)		Abandoned - Oil	Steam Flood
Directional Survey		Drilling - Idle	Fire Flood
Sidewall Samples		Abandoned - Dry Hole	Air Injection
Other		Producing - Gas	Gas Injection
Date final records received		Idle - Gas	CO2 Injection <input checked="" type="checkbox"/>
Electric logs:		Abandoned - Gas	LPG Injection
		Gas-Open to Oil Zone	Observation
		Water Flood Source	
		DATE	
		RECOMPLETED	<u>1-22-84</u>
		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 OG159 (Final Letter)
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)

*2-22-84*

UPDATE CENTER 1-28-85

RECORDS NOT APPROVED  
 Reason: Need RA *ofz*

RECORDS APPROVED William E. Brunner  
 RELEASE BOND  
 Date Eligible \_\_\_\_\_  
 (Use date last needed records were received.)  
 MAP AND MAP BOOK 128 ES 1/17/85

**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.)

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-5" #15, Sec. 19, T 4S, R 13W, S. BB. & M.  
 A.P.I. No. 037-21664 Name John D. Carmichael Title Sr. Vice President  
 Date May 9, 19 84 (Person submitting report) (President, Secretary or Agent)

Signature *John D. Carmichael*

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

(213) 424-8549  
 (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	
1-17-84	<u>Convert to Injection.</u> MIRU Pulled and laid down rods and pump. Ran sinker bar and tagged fill @ 3674'. Bottom @ 3737'. Pulled sinker bar. Dumped 5 cuft gravel down tubing.
1-18-84	Ran sinker bar and tagged gravel @ 3585'. Pulled tbg. Ran 8-5/8" scraper to top of liner. Laid down tbg and scraper. Ran bell collar, xn-nipple, 1 jt 2-7/8" tbg, 8-5/8" Otis PRC pkr, pup, 99 jts 2-7/8" tbg, x-nipple, 2 jts 2-7/8" tubing, pup. Tubing tested in at 4500 psi.
1-19-84	Set pkr with top at 3254'. Tubing internally coated hung at 3298'. unlatched from packer. Displaced annulus with chem treated water. Latched into packer and tested annulus ok. Pumped 500 gal aromatic solvent down tbg. RDMO.
1-20-84	<u>On Water Injection.</u> 1443 B/D @ 1580 psi.
1-22-84	<u>WAG to CO<sub>2</sub> Injection.</u> 1675 Mcf/D @ 1650 psi.

LONG BEACH, CA  
SAS

MAY 11 2 0 PM '84

RECEIVED

DIVISION OF OIL AND GAS

Report on Operations

WATERFLOOD PROJECT

John D. Carmichael, Agent  
XTRA ENERGY CORPORATION  
P.O. Box "9"  
Long Beach, CA 90801

Long Beach, Calif.  
January 15, 1985

Your operations at well "WNF-I" 15, API No. 037-21664  
Sec. 19, T. 4S, R. 13W, S.B.B. & M. Wilmington Field, in Los Angeles County,  
were witnessed on 11-27-84 by M. Johnson, Engineer, representative of  
the supervisor, was present from 0900 to 0930. There were also present P. Kemp,  
Drilling Foreman

Present condition of well: 13-3/8" cem 618'; 8-5/8" cem 3429', perf 3420', WSO; 6-5/8" ld  
3342'-3742'; perfs 3349'-3737'; 4" ld 3335'-3737'; perfs 3343'-3737'. TD/3745'

The operations were performed for the purpose of demonstrating that all of the injection  
fluid is confined to the formations below 3420'.

DECISION: APPROVED.

NOTE: DEFICIENCIES TO BE CORRECTED  
NONE

DEFICIENCIES CORRECTED  
NONE

CONTRACTOR: Production Data, Inc.

MJ: mh

cc: Update

M. G. MEFFERD

State Oil and Gas Supervisor

By *[Signature]*

Deputy Supervisor

for V. F. Gaede

DIVISION OF OIL AND GAS  
WATER SHUTOFF TEST

WEB 12-24-84  
No. T 185-73

Operator XTRA ENERGY CORP

Well designation "WNF-E" 15 Sec. 19, T. 45, R. 13W, SB B.&M.

Field Wilmington, County Los Angeles was <sup>REVIEWED</sup> tested for water shutoff on 11/27/84. (Name) M. Johnson, representative of the supervisor, was present from 0900 to 0930. Also present were A. Kemp D.F.

Casing record of well: 13 3/8" cem 618'; 8 5/8" cem 3429', perf 3420' WSO; 6 5/8" ID 3342'-3742', perfs 3349'-3737'; 4 1/4" 3335'-3737', perfs 3343'-3737'. TD 3745'.

The operations were performed for the purpose of (P) 3429' 3420

- The \_\_\_\_\_" shutoff at \_\_\_\_\_' 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 3429' at this time.  
3420

Hole size: \_\_\_\_\_" fr. \_\_\_\_\_' to \_\_\_\_\_'; \_\_\_\_\_" to \_\_\_\_\_'; & \_\_\_\_\_" to \_\_\_\_\_'

Casing			Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested \_\_\_\_\_  
The hole was open to \_\_\_\_\_' for test.

FORMATION TEST:

Packer(s) \_\_\_\_\_' & \_\_\_\_\_' Tail \_\_\_\_\_' Bean size \_\_\_\_\_" Cushion \_\_\_\_\_  
IHP \_\_\_\_\_ IFP \_\_\_\_\_ FFP \_\_\_\_\_ FHP \_\_\_\_\_  
Blow \_\_\_\_\_  
Open for test \_\_\_\_\_ Hr. \_\_\_\_\_ min. Fluid entry \_\_\_\_\_

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 575 B/D & 1800 psi on 2-20-84 19\_\_,  
fluid confined below 3429' (Packer depth 3235')  
3420

DEFICIENCIES—TO BE CORRECTED

*NONE*

DEFICIENCIES—CORRECTED

*NONE*

CONTRACTOR

*PRODUCTION DATA INC.*

# REPORT ON PROPOSED OPERATIONS

## WATERFLOOD PROJECT

848

(field code)

03

(area code)

20

(new pool code)

20

(old pool code)

John D. Carmichael, Agent  
XTRA ENERGY CORPORATION  
Box "9"  
Signal Hill, CA 90801

Long Beach, California  
December 19, 1983

Your rework and convert proposal to to "WAG" injection well "WNF-I" 15,  
A.P.I. No. 037-21664, Section 19, T. 4S, R. 13W, S.B. B. & M.,  
Wilmington field, Fault Block I, Onshore area, Ranger pool,  
Los Angeles County, dated 12-2-83, received 12-7-83 has been examined in conjunction with records  
filed in this office.

### THE PROPOSAL IS APPROVED PROVIDED:

1. This well shall conform to the provisions set forth in our letter of June 24, 1983 approving the project.
2. THIS DIVISION SHALL BE NOTIFIED TO WITNESS THE RUNNING OF AN INJECTION SURVEY.

### NOTE:

1. A crew drill may be required at the time of the blowout prevention equipment inspection.
2. The base of the fresh water sands is above 2000'. The fresh water is protected by the 8-5/8" casing cemented at 3429' with sufficient cement to fill to 1925'.
3. The water to be injected tests approx. 510 ppm TDS and is obtained from Dominguez Water District.
4. The water is to be injected into the Ranger zone which extends from 3430' to 3740' and contains a mixture of oil and water. The formation water tests approx. 28,250 ppm TDS.
5. Approx. surface location of well: 95' north along property line and 52' east at right angles to said line from the northeast corner of Main St. and A.T. and S.F. RR right-of-way.

WEB:mh

cc: Update

BLANKET BOND

M. G. MEFFERD, State Oil and Gas Supervisor

By V. F. Gaede, 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 Rework Well

12-12-83  
rework and  
convert to  
water injection

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
Blanket	12/28/83 CP	12-12-83 CP

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-I" #15, API No. 037-21664  
*(Well designation)*  
Sec. 19 T. 4S, R. 13W, S.B. & M., Wilmington Field, Los Angeles County.

The present condition of the well is as follows:

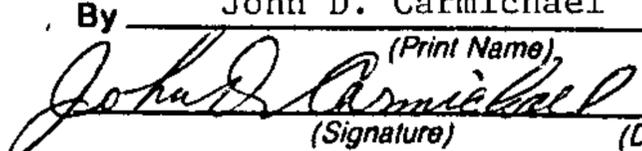
- Total depth 3745'
- Complete casing record, including plugs and perforations  
 13 3/8", 48#, H-40, 618'  
 8 5/8", 32#, K-55, 3429'  
 6 5/8", 24#, K-55, Top @ 3342', Bottom @ 3742', (See Liner Detail).  
 4", 11.34#, K-55, Top @ 3335', Bottom @ 3737', (See Liner Detail).
- Present producing zone name Ranger; Zone in which well is to be recompleted Ranger
- Present zone pressure 1350 psi; New zone pressure ---
- Last produced 11-28-83 9 3 0  
 (Date) (Oil, B/D) (Water, B/D) (Gas, Mcl/D)  
 (or)  
 Last injected --- --- --- ---  
 (Date) (Water, B/D) (Gas, Mcl/D) (Surface pressure, psig)

The proposed work is as follows:

Convert to CO<sub>2</sub> - Water "WAG" Injector.

**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)*  
  
*(Signature)* 12-02-83  
*(Date)*

RECEIVED

DEC 7 2 11 PM '83

LONG BEACH, CA.

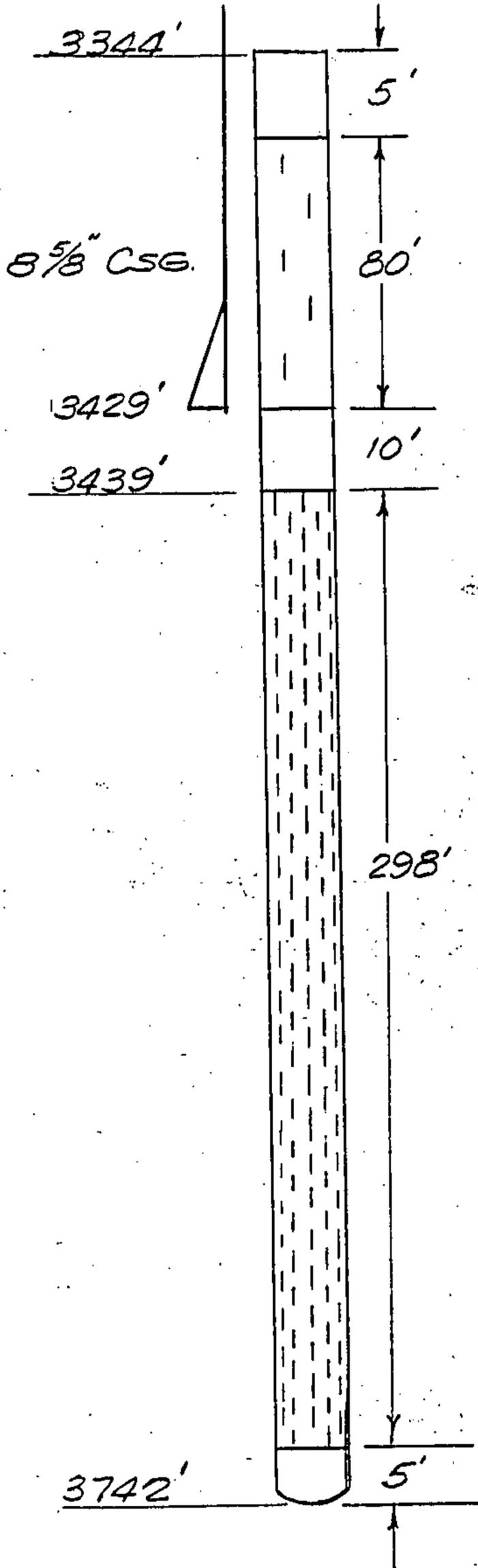
ARGO PETROLEUM CORP

LINER DETAIL

WELL: ~~WAAP NO 3~~

WNF-I # 15

6-16-76



BLANK, SFJ. BOX UP

6 5/8", 24#, PERF'D: 2" X 40 MESH,  
6 ROWS, 48" CENTERS. ALL SFJ

BLANK, 8-RD PIN DOWN ON BOTTOM  
OF JOINT.

6 5/8", 24#, 8-RD, PERF'D.:  
2" X 40 MESH, MACHINE CUT SLOTS,  
24 ROWS, 6" CENTERS

NOTE: PACKED W/ 272 SX 10-12 GVL.  
6/20/76

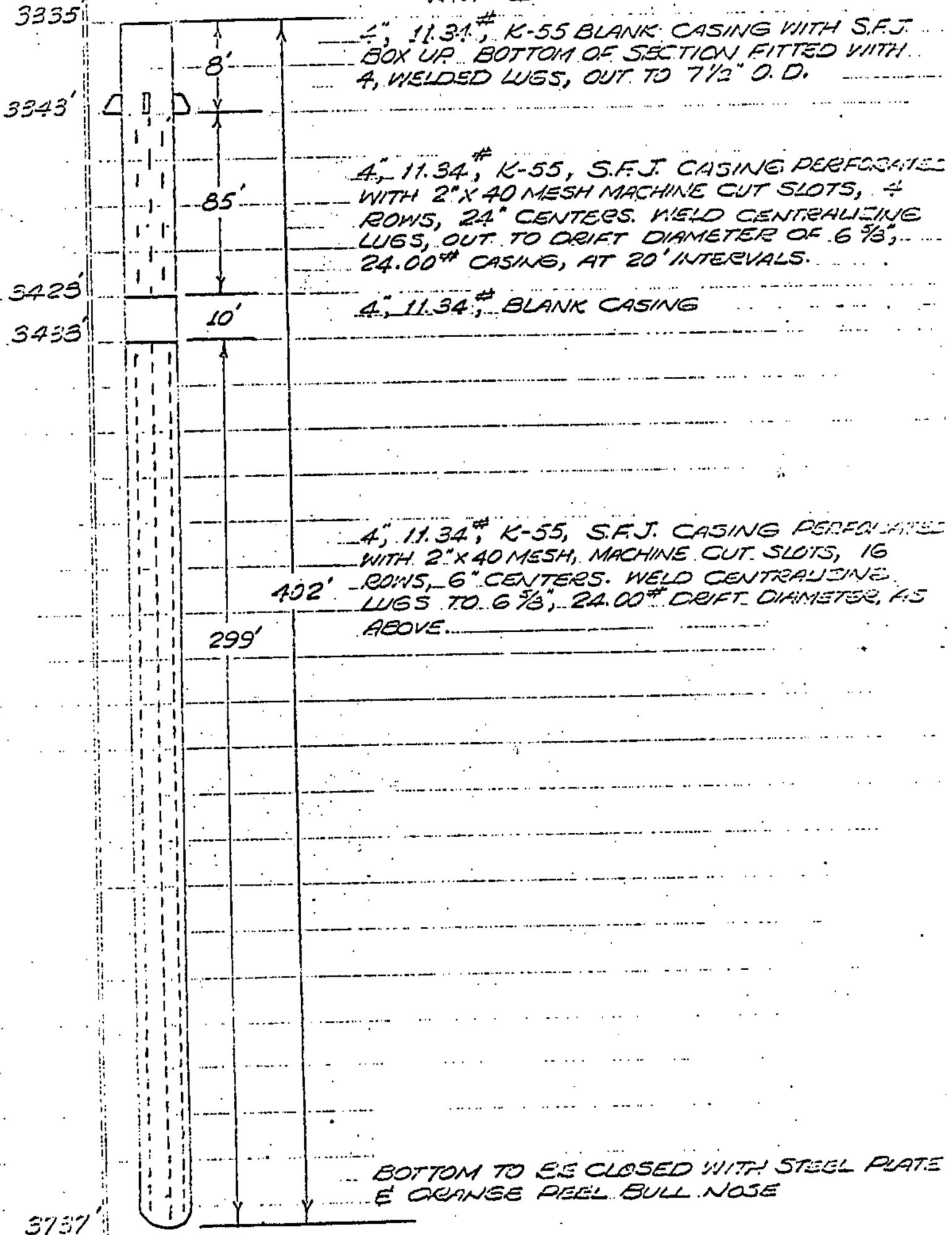
BLANK. WELDED BULL NOSE & BAILING  
PLATE ON BOTTOM

CALCULATED GRAVEL VOL: 320 CU. FT.

ARCO PETROLEUM CORPORATION  
 INNER LINER DETAIL FOR SAND CONTROL

WELL: ~~WAPP #3~~

~~AMERICAN CAS #2~~ 11-2-77  
 WNF-I # 15



E. P. LYONS

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

*21064  
Correction  
sent  
10-25-83  
CP*

M. G. MEFFERD, State Oil and Gas Supervisor

By Richard C. Gann

FOR V. F. GAEDE, Deputy Supervisor

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

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

July 23, 1979

Mr. Morris S. Frankel, Agent  
Argo Petroleum Corp.  
10880 Wilshire Blvd., Suite 1003  
Los Angeles, CA 90024

DEAR SIR:

Your request dated May 30, 1979, signed by E. Lyons, relative to change in designation of well(s) in Sec. 19, 20, T. 4S, R. 13W, SB B. & M., Wilmington field, Los Angeles County, District No. 1, has been received;

and in accordance with Section 3203, Public Resources Code, reading in part as follows:

“ \* \* \* The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor.”

the proposed change in designation is hereby authorized as follows:

<u>Sec.</u>	<u>Old Designation</u>	<u>API No.</u>	<u>New Designation</u>
19-4S-13W SBB&M	WAAP 3	037-21664	American Can 2
" " "	WAAP 9	037-21768	American Can 3
" " "	American Can 2	037-21445	Sanitation Unit 1
" " "	WAAP 4	037-21669	Purex Unit 1
" " "	WAAP 7	037-21753	Purex Unit 2
" " "	WAAP 8	037-21754	Purex Unit 3
" " "	WAAP 6	037-21671	Dasco Unit 1
20-4S-13W	WAAP 5	037-21729	Shell Unit 1
" " "	WAAP 10	037-21769	Shell Unit 2

MBA:sc

cc: Update Center  
EDP Update  
Conservation Committee  
Dept. of Oil Properties L.B.

M. G. MEFFERD  
~~JOHN J. MATTHEWS, JR.~~  
State Oil and Gas Supervisor

By MBA Albright  
M. B. Albright, Deputy Supervisor

CORRECTIONS MADE AS FOLLOWS:		BY WHOM
FORM 114		
" 110		
" 101		7-24-79
" 140		
CARDS		
PRODUCTIVITY REPORTS		7-24-79
WELL RECORDS (GENERAL)		7-24-79
FIELD MAPS 128		
MAP BOOK 7-25-79		



10880 Wilshire Boulevard  
Los Angeles, California 90024

RECEIVED

JUN 1 11 33 AM '79

DIV. OF OIL AND GAS  
LONG BEACH, CA.

Telephone (213) 475-4976  
Cable - Argpetro  
Telex - 67-4080

Reply to:

940 East Santa Clara  
Ventura, Calif. 93001

May 30, 1979

California Department of Conservation  
Division of Oil and Gas  
5199 E. Pacific Coast Highway, Suite 309-N  
Long Beach, California 90804

Gentlemen:

Please be advised of name designation changes for 9 producing oil wells operated by Argo Petroleum Corporation, in the West Wilmington Field of Los Angeles County. These changes are to be effective June 1, 1979, as follows:

<u>OLD DESIGNATION</u>	<u>API NO.</u>	<u>NEW DESIGNATION</u>
<del>WAAP</del> #3 19-45-134	03721664	American Can #2
WAAP #9	03721768	American Can #3
AMERICAN CAN #2	03721445	Sanitation Unit #1
<del>WAAP</del> #5 20	03721729	Shell Unit #1
WAAP #10 20	03721769	Shell Unit #2
<del>WAAP</del> #4	03721669	Purex Unit #1
WAAP #7	03721753	Purex Unit #2
<del>WAAP</del> #8	03721754	Purex Unit #3
<del>WAAP</del> #6	03721671	Dasco Unit #1

If there are any further questions regarding these changes, please contact the undersigned.

Yours truly,

E. P. Lyons  
Petroleum Engineer  
Ventura District  
(805) 648-2514

*Sue - George Peters of Argo  
claims they will hold these  
design even if they form  
a new coop unit  
Wart*

*EDP done  
Leary 6-27-79*

EPL/bb  
cc: C.O. Basenberg ✓  
George Peters  
Dennis Bird  
Jack Griffin

*213  
549-9419*

DIVISION OF OIL AND GAS  
CHECKLIST - RECORDS RECEIVED AND WELL STATUS

Company Argo Petroleum Corp Well No. WAAP 3  
 API No. 037-21664 Sec. 19, T. 4S, R. 13W, S.B. & M.  
 County LA Field Wilmington

RECORDS RECEIVED	DATE
Well Summary (Form OG100)	12/27/76
History (Form OG103)	12/27/76
Core Record (Form OG101)	
Directional Survey	
Sidewall Samples	
Other	
Date final records received	
Electric logs: 12/27/76	
DIL 2000'-3742'	
CNFD 2000'-3745'	
Form Factor 2000'-3745'	
Caliper 3400'-3740'	
Mud 1500'-3742'	

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 7-1-76	
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 OG159 (Final Letter)
- Form OGD150b (Release of Bond)
- Duplicate logs to archives
- Notice of Records due (F-OGD170)   
sent to LB Blue 2-18-77

request Real Dir. Survey. VB

BB

RECORDS NOT APPROVED

Reason: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RECORDS APPROVED VB

RELEASE BOND \_\_\_\_\_  
 Date Eligible \_\_\_\_\_  
 (Use date last needed records were received.) M B  
 MAP AND MAP BOOK 128 Rg 1-10-77

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**WELL SUMMARY REPORT**  
SUBMIT IN DUPLICATE

Operator ARGO PETROLEUM CORPORATION, Well No. W.A.A.P. #3, API No. 037-21664,

Sec. 19, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

Location 194.8' N & 92.4' E from south line of Lincoln School tract  
(Give surface location from property or section corner, or street center line and/or lambert coordinates)

& center line of Main Street Elevation of ground above sea level 40 feet.

All depth measurements taken from top of K/B. which is 9 feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

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.

Date Nov. 24, 1976

Signed [Signature]

Jack Cook  
(Engineer or Geologist)

Title Executive Vice President

	GEOLOGICAL MARKERS	DEPTH
Commenced drilling <u>6-8-76</u>		
Completed drilling <u>6-22-76</u>	<u>"F" Marker</u>	<u>3448' MD</u>
Total depth (1st hole) <u>3745</u> (2nd) _____ (3rd) _____		
Present effective depth <u>3742</u>		
Junk _____		
	Formation and age at total depth <u>----</u>	
Commenced producing <u>7/1/76</u> <del>Flowing/gas lift/pumping</del> (Date) (Cross out unnecessary words)	Name of producing zone <u>Ranger</u>	

Initial production  
Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
11	13.3	83	--	--	35
12	13.3	82	--	--	35

**CASING RECORD (Present Hole)**

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Numbers of Sacks or Cubic Feet of Cement	Depth of Cementing if through perforations
13 3/8	618	0	48#	H-40 Buttress	New	17 1/2"	650 cu. ft.	
8 5/8	3429	0	32#	K-55 ST&C	New	11"	600 cu. ft.	
6 5/8	3742	3342	24#	K-55 Butt & ST&C	New	15"	Gravel packed w/272 sacks	

PERFORATED CASING  
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

3349'-3429' 2"x40M, 6R, 48"C Slots

3439'-3737', 2"x40M, 24R, 6" C Slots

Was the well directionally drilled? Yes If yes, show coordinates at total depth 277.47' N & 328.80' E

Electrical log depths \_\_\_\_\_ Other surveys DIL, CNL, FDL, CALIPER, BHP

RECEIVED  
DEC 27 11 05 AM '76  
DIVISION OF OIL AND GAS  
LONG BEACH, CALIF. CA.

## DIVISION OF OIL AND GAS

### History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD Wilmington  
 Well No. W.A.AP. #3, Sec. 19, T. 4S, R. 13W, S.B. B. & M.  
 Date November 24, 1976 Signed C. Basen  
940 East Santa Clara  
Ventura, CA. 93001 (805) 648-2514 Title Exec. Vice President  
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date

1976

- 6-8 MIRU Atlantic Rig # 3. Spudded in at 3:00 AM. Drilled 17½" hole 40' - 627'.
- 6-9 POH. Rigged up to run casing. Ran 16 jts 13 3/8", 48#, H-40 R3 ST&C buttress casing equipped w/guide shoe at 618' and insert baffle at 578'. Dowell pumped 50 cu. ft. water ahead, then mixed and pumped 500 cu. ft. class "G" cmt premixed 1:1 POZ, 6% Gel and 3% CaCl2. followed w/150 cu. ft. neat class "G" cmt treated w/3% CaCl2. Displace w/510 cu. ft. mud and bumped plug w/300#. CIP @ 4:45AM. No returns to surface. Hung 1" pipe @ 40'. Dowell mixed and pumped 80 cu. ft. neat class "G" cmt treated w/3% CaCl2. CIP @ 9:00 AM. Had returns to surface. Cut casing, welded on drilling flange and installed BOPE.
- 6-10 Tested BOPE to 1000 psi. Witnessed and approved by DOG. Made up drilling assembly. RIH. Drilled out baffle at 476' and drilled cmt 576'-618'. Drilled out shoe. Drilled 11" hole 618'-1328'. POH. Lost bit and stabilizer. RIH w/fishing tools. Recovered fish.
- 6-11 Made up drilling assembly. RIH. Drilled to 1500'. POH. Picked up DD and RIH. Hooked up mud logging unit. DD to 1724'.
- 6-12 DD to 1951'. POH. Picked up locked drilling assy. Drilled to 2424'. POH.
- 6-13 Rigged up Dropping assy. Reamed tight hole 1940'-2424'. Drilled to 3016'.
- 6-14 Drilled to 3400'. POH. Picked up 7 7/8" bit. Drilled 7 7/8" hole to 3525'.
- 6-15 Drilled to 3743'. Circ and condition hole for logger. Rigged up Schlumberger. Ran DIL, FDL, GRL and Neutron Log 3742'-2000'. RIH w/drlg assy. Reamed 3200'-3400'. Wipe hole and condition mud. POH.

## DIVISION OF OIL AND GAS

### History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD Wilmington  
 Well No. W.A.A.P. #3, Sec. 19, T. 4S, R. 13W, S.B. B. & M.  
 Date November 24, 19 76 Signed *C. Dasher*  
940 E. Santa Clara  
Ventura, CA 93001 (805) 648-2514 Title Executive Vice President  
(Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date  
1976

- 6-16 Rig up to run casing. Ran 83 jts. 8 5/8", 32#, K-55, R-3, ST&C casing equipped with guide shoe at 3429', float collar @ 3385', B & W dual turbine centralizers on joints 1, 2, 4, & 6 and regular B & W centralizers on joints 10, 14, 18, 22, 26 & 28. Dowell pumped 50 ft. water ahead, then mixed and pumped 500 ft. class "G" cement premixed 1:1 POZ, 4% gel, and 2% CaCl<sub>2</sub>. Followed with 100 ft. neat class "G" cement treated with 2% CaCl<sub>2</sub>. Displaced with 1159 ft. mud. Bumped plug @ 900 psi. C.I.P. 9:17 AM. Unflanged BOPE and installed 8 5/8" casing head.
- 6-17 Installed and tested BOPE. RIH w/7 7/8" drlg. assy. Drill out float collar at 3385' and cement to 3424'. Circulated hole. POH. RIH with Johnston combination shoot and tester on dry 4 1/2" drill pipe. Shot 4 1/2" holes at 3420'. Set packer @ 3362' with tail @ 3387'. Opened tester at 1:55 PM. Had faint blow, then dead for remainder of 1 hr. W.S.O. test. Closed test @ 2:55 PM. POH. Recovered 20' fluid rise. Charts OK. W.S.O. approved by D.O.G. RIH with 7 7/8" drill bit. Drill out cement and shoe at 3429'. Cleaned out to 3745'.
- 6-18 Displaced gel mud with KCI water. POH. Pick up and RIH with 15" hole opener. Opened 7 7/8" hole to 15" 3429'-3620'. Pulled up hole to 3294' to repair swivel.
- 6-19 RIH to 3490'. Hole opener stopped. Reopened hole 3490'-3620'. Circulated and conditioned mud. Opened 7 7/8" hole to 15" 3620' - 3745'. POH. RIH with 7 7/8" bit and cleaned out from 3644' - 3745'. POH.
- 6-20 RIH with 15" hole opener. Opened 7 7/8" hole to 15" 3704' - 3742'. Circulated and conditioned mud for loggers. POH. Rig up Welex. Ran caliper log 3742' - 3429'. Rigged out Welex. Ran and gravel packed 6 5/8", 24#, K-55, R-3 liner hung @ 3742', top @ 3342'. Packed off w/272 sacks (calculated 343ft.<sup>3</sup>) 10-12 gravel.

## DIVISION OF OIL AND GAS

## History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD Wilmington  
 Well No. W.A.A.P. #3, Sec. 19, T. 4S, R. 13W, S.B. B. & M.  
 Date November 24, 19 76 Signed C. B. Baker  
940 E. Santa Clara  
Ventura, CA 93001 (805) 648-2514 Title Executive Vice President  
 (Address) (Telephone Number) (President, Secretary or Agent)

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data.

Date  
1976

6-20

Liner Detail

Blank SFJ	3342' - 3349'
2" X 40M, 6R, 48"C, SFJ	3349' - 3429'
Blank 8R	3429' - 3439'
2" X 40M, 24R, 6"C, 8R	3439' - 3737'
Bull Nose w/ Bailing Plate	3737' - 3742'

6-21

Backscuttled excess gravel. Released liner. Displaced KCI water with lease water. POH and layed down tubing tail. RIH w/B & W liner adaptor. POH laying down drill pipe and drill collars.

6-22

Tear out BOPE. Relased drilling rig @ 6:00 AM.

6-23

MIRU a production hoist. RIH with 2½" tubing.

Tubing Detail

KB	10.0'
7 jts. 2 7/8", eve, 8R	221.13'
X-over	1.10'
105 jts. 2 7/8" Buttress	3177.85'
T.L. Shoe	1.00'
1 jt. 2 7/8" Buttress	30.00'
S.T. Collar	.73'

HUNG AT

3441.81'

Rigged up to swab.

6-24

Swabbed fluid 289' - 2485'. Layed down swab and rigged out. Ran B.H.P. Bombs to 3590'.

6-29

Pulled BHP bombs (86 hour survey).

6-30

MIRU a production hoist. Picked up and ran pump and rods. Ran 111 - 7/8" API rods plus 12' of subs and a 2½" X 1½" X 18' RWA pump. Rigged out production hoist.

7-1

On pump @ 6:30 PM.

RECEIVED  
DEC 27 11 05 AM '76  
DIVISION OF LABOR AND GAS  
LOUISIANA

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**Report on Operations**

**SEC. 3606 WELL**

No. T 176-393

MR. Dr. M. S. Frankel, Agent  
ARGO PETROLEUM CORP.  
10880 Wilshire Blvd., Suite 1003  
Los Angeles, CA 90024

Long Beach, Calif.  
June 24, 1976

DEAR SIR:

Operations at well No. WAAP 3, API No. 037-21664, Sec. 19, T. 48, R. 13W,  
S.B., B & M. Wilmington Field, in Los Angeles County, were witnessed  
on 6/17/76. Mr. R. Corbaley, Engineer, representative of the supervisor was  
present from 1630 to 1830. There were also present R. Hayes, Drilling Foreman.

Present condition of well: 13-3/8" cem. 616'; 8-5/8" cem. 3429', perf. 3420', WSO. T.D. 3785'.

The operations were performed for the purpose of testing the water shut-off with a formation tester.

DECISION: **THE 8-5/8" SHUT-OFF AT 3420' IS APPROVED.**

RC:d

**HAROLD W. BERTHOLF**

**XXXXXXXXXXXXXXXXXXXX**  
State Oil and Gas Supervisor

By H. B. Albright Deputy



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

REPORT ON PROPOSED OPERATIONS No. P 176-431

SEC. 3606 WELL

~~Mr.~~ Dr. Morrio S. Frankel, Agent  
ARGO PETROLEUM CORP.  
10880 Wilshire Blvd. Suite 1003  
Los Angeles, CA 90024

Long Beach, Calif.  
June 15, 1976

DEAR SIR:

Your supplementary proposal to drill Well No. WAAP 3 (037-21664),  
Section 19 T 4S, R 13W S.B.B. & M., Wilmington Field, Los Angeles County,  
dated 6/11/76, received 6/14/76, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED IN ALL OTHER RESPECTS THE WELL SHALL BE DRILLED  
IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN OUR REPORT NO. P176-307, DATED  
MAY 4, 1976.

RC:dr

Blanket Bond

HAROLD W. BERTHOLF,  
~~XXXXXXXXXXXXXXXXXXXX~~, State Oil and Gas Supervisor

By m B Allright, Deputy

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**SUPPLEMENTARY NOTICE**

*Supps. to Drill*

FOR DIVISION USE ONLY		
BOND	FORMS	
	114	121
<i>B</i>	✓	✓

DIVISION OF OIL AND GAS

Long Beach Calif.

A notice to you dated 5-13-76 (Revised), 1976, stating the intention to

Drill, Well No. W.A.A.P. #3, API No. 037-21664  
(Drill, rework, abandon)

Sec. 19, T. 4S, R. 13W, S.B. B. & M., Wilmington Field,

Los Angeles County, should be amended because of changed conditions.

The present condition of the well is as follows:

Total depth

Complete casing record including plugs and perforations:

We now propose

To directionally drill hole to a proposed bottom hole location, 365' N 48° 30' E from surface location.

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

Address 940 East Santa Clara  
(Street)

Ventura, California 93001  
(City) (State) (Zip)

Telephone Number (805) 648-2514

ARGO PETROLEUM CORPORATION

By Ralph Cahill 6-11-76  
(Name) (Date)

Type of Organization Corporation  
(Corporation, Partnership, Individual, etc.)

DIV. OF OIL AND GAS  
LONG BEACH, CA.

JUN 14 12 51 PM '76

RECEIVED

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

REPORT OF CORRECTION OR CANCELLATION

SEC. 3606 WELL

Long Beach California

~~BY~~ Dr. Morris S. Frankel, Agent  
ARGO PETROLEUM CORP.,  
10880 Wilshire Blvd., Suite 1003  
Los Angeles, CA 90024

June 3, 1976

In accordance with your notice dated May 13, 1976

the following change pertaining to your well No. WAAP 3 (037-21664),  
Sec. 19, T. 48, R. 13W, S.B. B. & M., Wilmington field,  
Los Angeles County, District No. 1, is being made in our records:

The corrected location is 95' north along property line & 52' east at right angles to said line from the southwest corner of property or which is the northeast corner of Main St & A.T. & S.F. RR right-of-way.

The corrected elevation is \_\_\_\_\_

Report No. \_\_\_\_\_, dated \_\_\_\_\_, has been corrected as follows: \_\_\_\_\_

Your notice to \_\_\_\_\_ dated \_\_\_\_\_  
(Drill, abandon, etc.)  
and our report No. P \_\_\_\_\_, issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

Other: \_\_\_\_\_

CORRECTIONS MADE AS FOLLOWS:	BY WHOM
FORM 114 _____	_____
" 115 _____	_____
" 121 _____	_____
" 130 _____	_____
CARDS _____	_____
PRODUCTION REPORTS _____	_____
WELL RECORDS ( FOLDERS _____ )	_____
REPORTS _____	_____
FIELD MAPS _____	_____
MAP BOOK _____	_____

RC:rf

HAROLD W. BERTHOLE  
State Oil and Gas Supervisor

By M. B. Albright  
Deputy Supervisor

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

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.

REVISED

*Correction  
Letter for  
LOC*

DIVISION OF OIL AND GAS

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. WAAP #3, API No. \_\_\_\_\_, (Assigned by Division)  
Sec. 19, 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)  
Previously submitted

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

Location of well 95 feet north along property line and 52 feet east  
(Direction) (Direction)  
at right angles to said line from the southwest corner of property or  
which is the northeast corner of Main Street & A.T. & S.F. RR right-of-way.

If well is to be directionally drilled, show proposed coordinates at total depth straight hole

Elevation of ground above sea level 40 feet.

All depth measurements taken from top of KB which is 9 feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

**PROPOSED CASING PROGRAM**

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING
13-3/8"	48	ERW	0	600	600	to surface
8-5/8"	32#	K-55	0	3400	3400	1,000
6-5/8"	-	K-55	3400	3650	Hung, gravel pk.	

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

Intended zone(s) of completion Ranger Estimated total depth 3650  
(Name, depth and expected pressure)

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

Address 10880 Wilshire Blvd., #1003 ARGO PETROLEUM CORPORATION  
(Street) (Name of Operator)  
Los Angeles CA 90024 By [Signature] 5-13-76  
(City) (State) (Zip) (Name) (Date)  
Telephone Number 213/475-4976 Type of Organization corporation  
(Corporation, Partnership, Individual, etc.)

RECEIVED  
MAY 14 12 31 PM '76  
DIV. OF OIL AND GAS  
LONG BEACH, CA.

RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**REPORT ON PROPOSED OPERATIONS** No. P. 176-307

**SEC. 3606 WELL**

~~MR. Dr. Morris S. Frankol, Agent~~  
~~ARGO PETROLEUM CORP.~~  
~~10880 Wilshire Blvd., Suite 1003~~  
~~Los Angeles, CA 90024~~

Long Beach, Calif.  
May 4, 1976

UNF-T 15

DEAR SIR:

Your proposal to drill Well No. WAAP 3 (037-21664),  
Section 19, T. 4S, R. 13W, S.B.B. & M., Wilmington Field, Los Angeles County,  
dated 4/22/76, received 4/23/76, has been examined in conjunction with records filed in this office.

**THE PROPOSAL IS APPROVED PROVIDED:**

1. A COPY OF THIS APPROVAL SHALL BE POSTED AT THE WELL SITE PRIOR TO COMMENCING OPERATIONS.
2. At least 600' of surface casing shall be cemented in the hole prior to drilling below 600'.
3. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
4. A directional survey shall be made and filed with this Division.
5. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
6. Blowout prevention equipment, conforming to this Division's Class III requirements, shall be installed and maintained in operating condition at all times.
7. The producing interval shall be not less than 75' from the outer boundary of the lease and not less than 150' from the producing interval of any other well. This is to comply with Public Resources Code, Sec. 3606, Part 3.
8. Sufficient cement shall be used to fill back of the 8-5/8" casing to reach above the base of the fresh water.
9. THIS DIVISION SHALL BE NOTIFIED TO WITNESS:
  - a. A test of the installed blowout prevention equipment before drilling below 600'.
  - b. A test of the effectiveness of the 8-5/8" shut-off above the Ranger zone.

RC:dr

Blanket Bond

HAROLD W. BERTHOLF  
JOHN F. MATTHEWS, State Oil and Gas Supervisor

By M. B. Lee, Jr., Deputy

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

D  
3606

037-21664

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.

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
128	4/29/76	✓	B	✓	✓

DIVISION OF OIL AND GAS

WAAP 3

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. WAAP #3, API No. 037-21664,  
(Assigned by Division)  
Sec. 19, 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)

Previously submitted

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

Location of well 95 feet north along property line and 44 feet east.  
(Direction) (Direction)  
at right angles to said line from the southwest corner of property or  
which is the northeast corner of Main Street and A.T.&S.F. RR right-of-way.

If well is to be directionally drilled, show proposed coordinates at total depth straight hole

Elevation of ground above sea level 40 feet.

All depth measurements taken from top of KB which is 9 feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

*5/3/76 Crowder/Dennis Bird  
will stay 75' back from leasehold bottom hole*

**PROPOSED CASING PROGRAM**

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING
13-3/8"	48	ERW	0	600	600	to surface
8-5/8"	32#	K-55	0	3400	3400	1,000
6-5/8	-	K-55	3400	3650	Hung, gravel pk.	

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

Intended zone(s) of completion Ranger Estimated total depth 3650  
(Name, depth and expected pressure)

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

Address 10880 Wilshire Blvd., #1003 ARGO PETROLEUM CORPORATION  
(Street) (Name of Operator)  
Los Angeles CA 90024 By [Signature] 4/22/76  
(City) (State) (Zip) (Name) (Date)  
Telephone Number 213/475-4976 Type of Organization corporation  
(Corporation, Partnership, Individual, etc.)

DIV. OF OIL AND GAS  
LONG BEACH, CA.

APR 23 12 59 PM '76

RECEIVED