

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

Field or county Wilmington		District - Cypress (D1)	
Former owner Four Teams Oil Production & Exploration Company, Inc.		Opcode: F1535	Date August 12, 2010
SEE ATTACHMENT			
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 8/1/2010	New Owner E & B Natural Resources Management Corp.	Operator code E0100	Type of Organization Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700
Reported by OG30A received 8/11/2010 signed by both parties			
Confirmed by. Same as above			
New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener		
Old operator new status (status abbreviation) PA	Remarks See Operator File		
Deputy Supervisor Kenneth Carlson		Signature  Chris McCullough, Associate Engineer	

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	Form OGD121			Map and Book		
PI - Potential Inactive	Well records			Lease Files		
NPI - No Potential Inactive	New well cards			Well Stat		
Ab - Abandoned or No More Wells						

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

CHECK LIST RECORDS RECEIVED AND WELL STATUS

Company Petra Energy Corp. Well No. "WNF-I" 53
 API No. 037-22874 Sec. 29, T. 4S, R. 13W, 5B B.&M.
 County _____ Field Wilmington

RECORDS RECEIVED	DATE
Well Summary (Form OG100)	<u>10/21/83</u> (2)
History (Form OG103)	<u>10/21/83</u> (2)
Core Record (Form OG101)	_____
Directional Survey	<u>10/21/83</u> (2)
Sidewall Samples	_____
Other	_____
Date final records received	_____
Electric logs:	_____
<u>dual induct. 245</u>	<u>10/21/83</u> (2)

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>6-26-83</u>	
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 OG159 (Final Letter) _____
5. Form OGD150b (Release of Bond) _____
6. Duplicate logs to archives _____
7. Notice of Records due (F-OGD170) _____

TD 3560'

*Update Center 1/6/84
am*

RECORDS NOT APPROVED

Reason: _____

RECORDS APPROVED TJ 11-18-83

RELEASE BOND _____
 Date Eligible _____
 (Use date last needed records were received.)
 MAP AND MAP BOOK 128

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 _____

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

Location _____ Notice states _____

Elevation _____ Notice states _____

Production Reports _____

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

RECORDS & REQUIREMENTS CHECKED Engineer _____

Surface Inspection _____
 Data Needed _____
 Request Records _____ OGD170 _____
 Correct records _____ OGD165 _____
 (Specify)

CARDS _____

BOND _____

Hold _____ Reason _____
 Release _____ Date Eligible _____ OGD150 _____
 End premium year _____
 Release requested _____
 Bond superseded _____ (Check One)
 Well abandoned _____

Environmental Inspection _____ Engineer _____

FINAL LETTER _____ OGD159 _____

and _____

File cleared _____ OGD121 _____

WELL SUMMARY REPORT

Operator Xtra Energy Corporation		Well WNF-I 53			
Field Wilmington		County Los Angeles	Sec. 29	T. 4S	R. & B.M. 13W S.B.
Location (Give surface location from property or section corner, street center line and/or California coordinates) 512 feet North and 807 feet East from the intersection of the centerlines of Main St and Lomita Blvd in Carson					Elevation of ground above sea level
Commenced drilling (date) June 18, 1983	Total depth			Depth measurements taken from top of:	
	(1st hole)	(2nd)	(3rd)	<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 26, 1983	Present effective depth 3560'			GEOLOGICAL MARKERS <div style="text-align: center;">"F" Marker</div>	
Commenced producing (date)	Junk				
<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas lift	Name of producing zone(s) Ranger			Formation and age at total depth	

	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"	300 sx	
7"	Surf	3434'	23#	K-55	New	9 7/8"	305 sx	
5"	3383'	3560'	18#	N-80	New	9 7/8" 12'	Gv1 Packed	

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)
 5" wire wrapped "Pipeless" Johnson screen liner w/ 0.012" slots.
 Gravel Packed w/ 98 sx of 20-40 mesh gravel. See attached liner detail

Was the well directionally drilled? If yes, show coordinates at total depth
 Yes No **539' South and 644' East of Surf. Location** TVD = 3420'

Electrical log depths
3555' to 600'

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	

SUBMIT IN DUPLICATE

LONG BEACH, CA.
GAS

OCT 21 1 57 PM '83

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 CORP. Field Wilmington County Los Angeles
 Well No. 33 "UNF-I" 53, Sec. 29, T. 4S, R. 13W, S.B.B. & M.
 A.P.I. No. 037-22874 Name John D. Carmichael Title Senior Vice President
 Date _____, 19____ (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	
6-18-83	MI from Well No. 54, RU, spud in @ 2 A.M. 6-18-83, drld 14-3/4" hole to 297' @ 6 A.M. CB mud wt 76#/CF, Vis 75", WL 6.4 cc, Cake 2/32", Solids 13.0%, Sand 0.5%, 1650 ppm Cl, Oil - trace, pH 9.2.
6-19-83	Cont'd drlg 14-3/4" hole fr 297' to 610', wipe hole, C & C mud, POH, H & H Tong Serv ran 17 jts, 10-3/4", K-55 csg, B-J Cmtrs pmpd 50 CF wtr followed by 300 sx "G" cmt mxd 1:1:4, total of 614 CF, good rtns to surf, cmt mxd w/2% CaCl ₂ , CIP @ 7 P.M. WOC 4 hrs, cut off 28.75' of 10-3/4" csg, instld csg head, instld BOP, tsts to 1000 psi @ 6 A.M. CB mud wt 75#/CF, Vis 47", WL 5.8 cc, Cake 2/32", Solids 12.0%, Sand 0.25%, 1725 ppm Cl, Oil - trace, pH 11.2.
6-20-83	RIH w/9-7/8" drlg assy, fnd cmt @ 597', tst BOP, OK by DOG, C/O cmt & shoe @ 600', C/O to 610', drld to 670', RT for Dynadrill, Dynadrld to 1411', RT for angle bldg assy, now reaming Dynadril run @ 1280' @ 6 A.M. SS @ 1344', 18° 45', S 49° 30' E, hole is 35' rt & 1' hi. CB mud wt 72#/CF, Vis 46", WL 4.8 cc, Cake 2/32", Solids 10.0%, Sand 0.25%, 1250 ppm, Oil - trace, pH 10.7.
6-21-83	Cont'd drlg & surveying 9-7/8" hole from 1411' to 2776' @ 6 A.M. SS @ 2673', 19° 45', S 53° E. Hole is 1' rt & 6-1/2' low. CB mud wt 73#/CF, Vis 42", WL 4.8 cc, Cake 2/32", Solids 11.0%, Sand 0.25%, 1200 ppm Cl, Oil 6.0%, pH 8.0.
6-22-83	Cont'd drlg & surveying 9-7/8" hole from 2776' to 2791' RTCB, drld to 3560', made wiper trip, now C & C mud for log @ 6 A.M. SS @ 3560', 20°, S 65° 30' E, hole is 34' left & 8' lo. CB mud wt 76#/CF, Vis 49", WL 4.9 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 1000 ppm Cl, Oil 4.0%, pH 8.3.

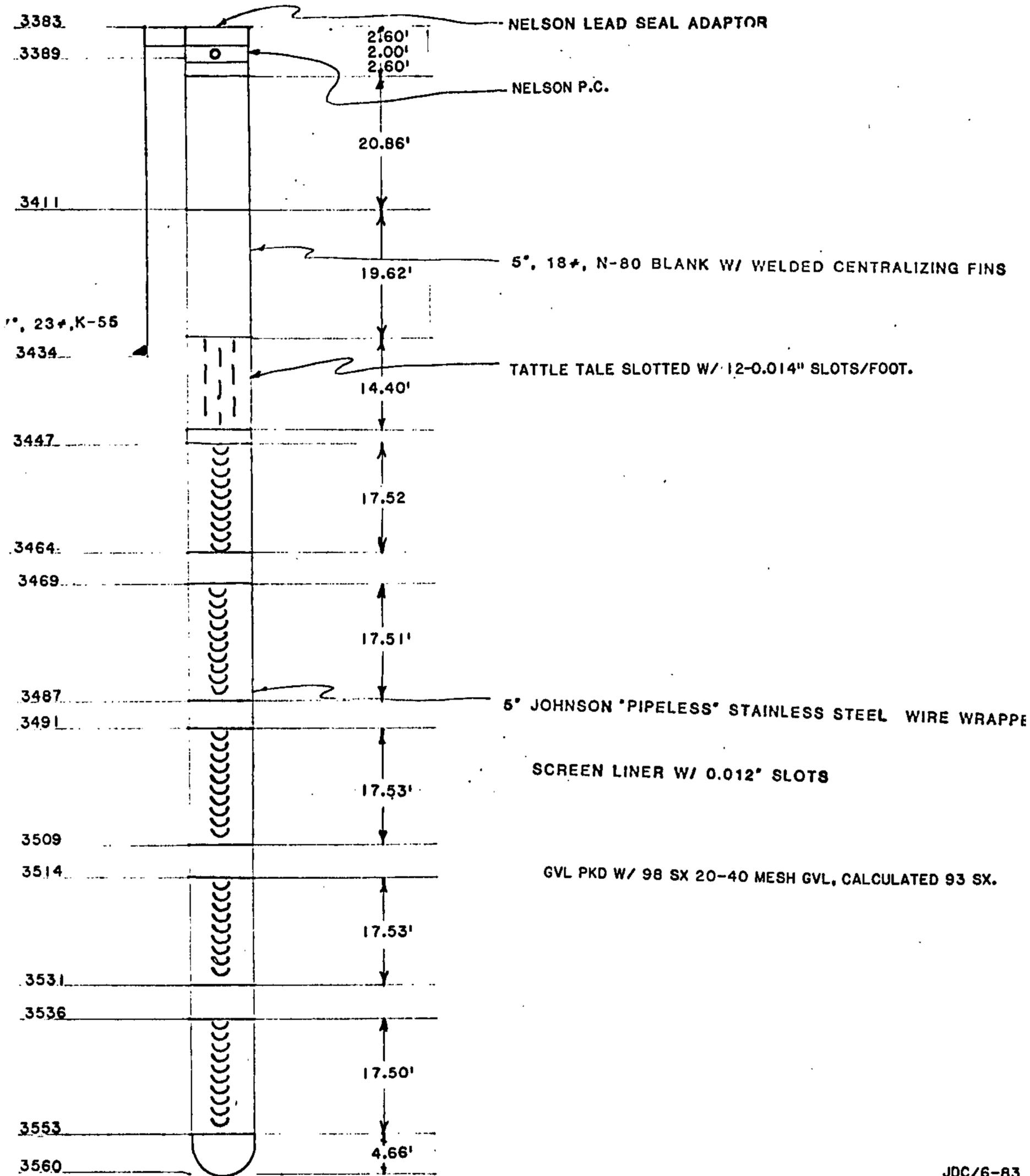
- 6-23-83 POH, Sch ran IES log fr 3559' to 600', RIH w/9-7/8" drlg assy, C & C mud for csg, POH & LD 4-1/2" DP, RIH w/94 jts 7", 23#, Buttress csg, B-J cmtd w/10 bbls of FW followed by 80 CF mud sweep, 205 sx "G" cmt mxd 1:1:4, 100 sx "G" neat cmt mxd w/0.5% densifier, all cmt mxd w/2% CaCl₂, total slurry 542 CF, bmpd plg w/ 2000 psi, CIP @ 9:05 P.M. Rmvd BOP, cut off 40.00' of 7" csg, weld on 7" tbg head, instld BOP, now P/U 3-1/2" DP @ 6 A.M. CB mud wt 76#/CF, Vis 48", WL 5.2 cc, Cake 2/32", Solids 12.5%, Sand 0.25%, 1000 ppm Cl, Oil 3.0%, pH 9.0.
- 6-24-83 Fin P/U 3-1/2" DP, RIH to 3330', wshd dn to FC @ 3360', D/O FC, D/O cmt to 3399', ran out of cmt, shut dn pmp, lwr bit w/o rotation, no trace of FS @ 3434', cont'd lwr bit to 3519', hit restriction, circ cln, POH, Gearhart ran collar loc & GR fr 3521' to 3200', FC & FS was within 2' of reported depth, perf'd 4 1/2" holes @ 3425', RD Gearhart, RIH w/Howco straddle pkr, set pkr @ 3428' & 3397', WSO tst, li blo for 2 min then dead, now POH w/straddle tool & bombs @ 6 A.M. CB mud wt 75#/CF, Vis 49", WL 5.8 cc, Cake 2/32", Solids 12.0%, Sand 0.25%, 1000 ppm Cl, Oil 3.0%, pH 7.4.
- 6-25-83 WSO OK'd by DOG, RIH w/6-1/4" bit to 3560', chng over to polymer mud, POH, cln pits, RIH w/12" King under reamer, opn 9-7/8" hole to 12" fr 3435' to 3560', P/U & regauge hole, C & C mud, POH, RIH w/177' of lnr & tools, shoe @ 3560', adaptor @ 3385', started gvl pkg @ 3 A.M., 40 sx in place @ 6 A.M. Polymer mud wt 70#/CF, Vis 42", WL 12.0 cc, Cake - film, Solids 4.0%, Sand - trace, 112,000 ppm Cl, Oil - trace, pH 9.5.
- 6-26-83 Fin gvl pkg w/total of 98 sx of 20-40 mesh gvl, calc vol 93 sx, circ cln, POH, RIH w/lead seal, set in place w/top @ 3383', chng over to lease wtr, POH & LD 3-1/2" DP. Rmvd BOP, instld tbg top. RR @ 2 A.M. 6-26-83 to move to Well No. 51. Will start move @ 6 A.M. Polymer wt 73#/CF, Vis 40", WL 12.4 cc, Cake trace, Solids 4.8%, Sand - trace, 109,000 ppm Cl, Oil trace, pH 9.2.

RECEIVED
OCT 21 1 57 PM '83
GAS
LONG BEACH, CA.

XTRA ENERGY CORP.

LINER DETAIL ^{"WNF-I"}

WELL NO. 53
 (037-20874)
 29-45-13W



RECEIVED
OCT 21 1 50 PM '83
SAS
LONG BEACH, CA.

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	"	"WNF-I" 15	21644	
18 "WNF-I" 18	22853	"	"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	"	"WNF-I" 5	21753	
27 "WNF-I" 27	22673	"	"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

M. G. MEFFERD, State Oil and Gas Supervisor

By Richard C. Gaeede

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

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

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

Long Beach, Calif.
June 29, 1983

Your operations at well 53
Sec. 29, T. 4S, R. 13W, S.B. B. & M. Wilmington Field, in Los Angeles County,
were witnessed on 6/19/83 by E. Santiago, Engineer, representative of
the supervisor, was present from 0700 to 0800. There were also present Floyd Million,
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

1. Welded joint on choke manifold malfunction.
2. No "P" Report on drill site.

CONTRACTOR: Cal Pacific Drilling Co.

ES: csm

cc: Update

By SI CORDOVA
ACTING State Oil and Gas Supervisor

By V.F. GAEDE
ACTING Deputy Supervisor

DIVISION OF OIL AND GAS
BLOWOUT PREVENTION EQUIPMENT MEMO

6-27-83

T 183-475

Operator XTRA ENERGY CORP. Well 53 Field WILMINGTON County LOS ANGELES

VISITS: Date 6/19/83 Engineer E. SANTIAGO Time 0700 to 0800 Operator's Rep. FLOYD MILLON 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-3M

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details		Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at	STAB-INTO SHAPE	3005x6" 1:1 perl 4% gel -	Casing	Annulus
10 3/4"	40.5	J-55	600'		614' of at survey		597	Returns

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	—	HYDRIL	GK	12	3000	—						6/19	1000
Rd	4 1/2	SHAFFER	B	12	3000	—						6/19	1000
Rd	80	SHAFFER	B	12	3000	—						6/19	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 KORMAN	80 gal.	1000 psi	
2	gal.	psi	
CONTROL STATIONS			Elec. Hyd.
X Manif. at accum. unit			X
Remote at Drlr's stn.			
X Other: PNEUMATIC			
EMERG. BACKUP SYST.		Press.	Wkg. Fl.
X N2 Cyl	No: 2	Tpe: 9	1 2200 gal
Other:			2 2300 gal
			3 gal
			4 gal
			5 gal
			6 gal

AUXILIARY EQUIPMENT						
	No.	Sz. (in)	Rated Press.	Connections		
				Weld	Flan.	Thrd.
X Fill-Up Line						
X Kill Line		2	3000	X	X	1000
X Control Valve(s)	3		3000	X		—
X Check Valve(s)	1		3000	X		1000
X Auxil. Pump Connec.			3000			1000
X Choke Line		3	5000	X	X	1000
X Control Valve(s)	9		5000	X		1000
X Pressure Gauge						X
X Adjustable Choke(s)	2	3	5000	X	X	1000
X Bleed Line		3				X
X Upper Kelly Cock						—
X Lower Kelly Cock		4 1/2	5000			1000
X Standpipe Valve						1000
X Standpipe Pressure Ga.						—
X Pipe Safety Valve		4 1/2	5000			—
X Internal Preventer		4 1/2	5000			—

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

REMARKS: 549 9419

Hole Fluid Type	Weight	Storage-Pits
CLAY BASE MUD	10.0 lb/gal	310 BOLS

DEFICIENCIES—TO BE CORRECTED

NONE

DEFICIENCIES—CORRECTED

WELDED JOINT ON CHOKE MANIFOLD MALF.
NO "P" REPORT ON DRILL SITE

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, Suite 270
Signal Hill, CA 90806

Long Beach, Calif.
June 29, 1983

Your operations at well 53, API No. 037-22874,
Sec. 29, T. 4S, R. 13W, S.B. B. & M. Wilmington Field, in Los Angeles County,
were witnessed on 6/24/83. T.S. Boardman, Engineer, representative of
the supervisor, was present from 0800 to 0830. There were also present Roy Napier,

Present condition of well: 16" cem 60'; 10-3/4" cem 600'; 7" cem 3434', perfs 3424' WSO.
TD 3560' (drilling).

The operations were performed for the purpose of testing the 7" shut-off at 3424' with a
formation tester.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
NONE

CONTRACTOR - Cal Pacific Drilling Co.

TSB: csm

cc: Update

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

DIVISION OF OIL AND GAS
Formation WATER SHUT-OFF TEST

11/16-27-83
No. T 183-474

Operator Xtra Energy Corp

Well name and no. S3 Sec. 29, T. 45, R. BW, SB B&M

Field Wilmington, County Los Angeles was tested for water shut-off on 6/24/83, Mr. T.S. Boardman, representative of the supervisor was present from 0800 to 0830. There were also present Roy Napier

Casing record of well: 16" cem 60'; 10 3/4" cem 600'; 7" cem 3434', Perfs 3424 WSO
TD 3560' (drilling)

The operations were performed for the purpose of (D-1) @ 3424' - 3425'

- The 7" shut-off at 3424-3425' 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: 9 7/8" fr. 600' to 3560', _____" 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			
7"	23#	⊖	3434'	6/22/83	Pump plug	542 CF	1492' F	3330'	-	2000#	-

Depth or interval tested 4-7/8" @ 3424'
The hole was open to _____' for test. straddle test

FORMATION TEST:

Packer(s) 3397' & 3428' Tail _____' Bean size 3/4" Cushion NONE
IHP 1739 IFP 27 FFP 27 FHP 1713
Blow light 5 min
Open for test _____ Hr. _____ min. Fluid entry 5" 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)

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

Long Beach, California
June 7, 1983

Your Drill proposal to 53 well
A.P.I. No. 037-22874, Section 29, T. 4S, R. 13W, S. B. B. & M.,
Wilmington field, F. B. I, Onshore area, Ranger pool,
Los Angeles County, dated 6-1-83, received 6-2-83 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. All oil, gas or fresh water sands behind the 7" casing shall be protected by either lifting cement or by multiple stage cementing.
4. This Division shall be consulted and a supplementary notice may be required before making any changes in the proposed program.
5. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
6. A directional survey shall be made and filed with this Division.
7. 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

F. V. F. GAEDE, ACTING

By [Signature]
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. S.C.H. NO. <input type="checkbox"/>	E.I.R. S.C.H. NO. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
<i>1128</i>	<i>6128</i>	<i>6283</i>	<i>Blanket</i>	<i>6-38</i>	<i>6-38</i>

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well 53, API No. 037-22894
(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 512 feet North ~~along section property line~~ and 807 feet East
(Direction) (Cross out one) (Direction)

at right angles to said line from the intersection of the ~~centerlines~~ centerlines ~~of section property~~
(Cross out one)
of Main Street and Lomita Blvd.

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:
545 feet South and 602 feet East
(Direction) (Direction)

Elevation of ground above sea level 39 feet.

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

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	3450'	3450'	1675'
5"	18#	N-8U	3400'	3600'	Gravel packed, wire-wrapped screen w/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 Zone 3460' 1200 psi Estimated total depth 3600'
(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 Corp.</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>6-1-83</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: PO Box 6234

Carson CA 90749

Phone: (213) 830-7600

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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.

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XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 53

Reference Point: KB which is 22' above G. E.
Surface Location: Lambert Coordinates N-4,039,640 E-4,205,408
Bottom Hole Location: Lambert Coordinates N-4,039,095 E-4,206,010
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 3450'
5 " 18 # to be hung at 3600', top @ 3400'.

Perfs: 3450' to 3595' Wire wrapped pipeless Johnson Screen liner with 0.012" slots.

Proposed Hole Size:

0' to 600' 14-3/4" hole
600' to 3600' 9-7/8" hole
3450' to 3600' 9-7/8" hole to be underreamed to 12".

Proposed Total Depth: 3600'

Directional Program

Deflect hole at 700' and increase inclination at 3°/100' in a S 48° East direction to 19° at 1351'. (T.V.D. 1338'). Maintain 19° inclination to a total depth of 3600'. Target is a 100' diameter circle with its center 602' East and 545' South of the surface site. A total displacement of 812'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 3600', 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. 53

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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 \pm 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% CaCl₂.
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 3600'.
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 3450'. 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 205 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% CaCl₂, 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 3440' (+ 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 3450' and clean out to 3600'.
11. Change over to Polymer completion fluid.
12. Underream 6-1/4" 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 80 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

No. 53
TLL:JDC:sv
6-01-83

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