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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT

HOBBS OFFICE
NOV 22 11 52 AM '66

Form C-105
 Revised 1-1-65

Date Type of Lease	
State ☐	Fee ☒
Oil & Gas Lease No.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER _____ b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		8. Farm or Lease Name Vallie Whitehead "B"	
2. Name of Operator Mobil Oil Corporation		9. Well No. 1	
3. Address of Operator P. O. Box 633, Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well		12. County	
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC 24 TWP. 6-S RGE. 33-E NMPM		Roosevelt	
15. Date Spudded 9-12-66	16. Date T.D. Reached 10-10-66	17. Date Compl. (Ready to Prod.) 10-26-66	18. Elevations (DF, RKB, RT, GR, etc.) 4356 Gr
19. Elev. Casinghead 4356			
20. Total Depth 4060	21. Plug Back T.D. 4012	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools X Cable Tools _____
24. Producing Interval(s), of this completion - Top, Bottom, Name Dry - Plugged & Abandoned			25. Was Directional Survey Made Yes
26. Type Electric and Other Logs Run Schlumberger - GR-S-Cal., Lateral Log & Density Log			27. Was Well Cored Yes
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
8-5/8	28#	354	12-1/4"
4-1/2	9.5#	4060	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
300 sx Incor Neat w/2% Cacl.		-	
400 sx Incor w/8# Salt Per Sk.		2825'	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
SIZE	DEPTH SET	PACKER SET	
None			
31. Perforation Record (Interval, size and number) See Attachment I.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED See Attachment II.	
33. PRODUCTION			
Date First Production Dry		Production Method (Flowing, gas lift, pumping - Size and type pump) -	
Well Status (Prod. or Shut-in) Plugged & Abdn.			
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
-	-	-	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)
-	-	-	-
34. Disposition of Gas (Sold, used for fuel, vented, etc.) -			Test Witnessed By -
35. List of Attachments Summary of Operations			
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.			
SIGNED D. A. Payne		TITLE Authorized Agent DATE 11-17-66	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, depths from 1 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. X Rustler 1776	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2014	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 2503	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 3100	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. Slaughter 3771	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1206	1206	Sand & Red Bed				
1206	1803	597	Red Bed, Sd. & Anhy.				
1803	3468	1665	Anhy. & Salt				
3468	3568	100	Anhydrite				
3568	3805	237	Anhydrite & Lime				
3805	3845	40	Core #1: Rec. 40'				
(3805	3838)		Anhy. & Dolo., No Show				
(3838	3841)		Dolomite, No Show				
(3841	3845)		Anhydrite, No Show				
3845	3888	43	Anhydrite & Lime				
3888	3918	30	Core #2: Rec. 30'				
(3888	3898)		Dolo., gd sh of Oil & Gas				
(3898	3918)		Dolo., sh & Anhy, No Show				
3918	3960	42	Lime & Anhy.				
3960	4012	52	Core #3: Rec. 51'				
(3960	3965)		Dolo., bleeding oil & wtr gd sh				
(3965	3967)		Dolo, No Show				
(3967	3976)		Dolo. & Anhy, No Show				
(3976	4012)		Dolo, gd sh, PP Porosity				
4012	4060	48	Lime, Anhy & Dolomite				
	4060		Total Depth				
	4050		PBTD				

MOBIL OIL CORPORATION

HOBBS OFFICE O. C. C.

VALLIE WHITEHEAD "B" WELL NO. 1

Nov 22 11 52 AM '66

ATTACHMENT NO. I

LINE 31. PERFORATING RECORD.

3991, 93, 95, 97, 99, 4005, 07, 09, 11, 20, 25, 27, 29 & 31 w/1 JSPF. Total 14 holes.

3992, 94, 96, 98, 4005, 07 & 09 w/1 JSPF. Total 7 holes.

3994 & 3996 w/2 JSPF. Total 4 holes.

4006 & 4008 w/2 JSPF. Total 4 holes.

MOBIL OIL CORPORATION

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VALLIE WHITEHEAD "B" WELL NO. 1

Nov 22 11 52 AM '66

ATTACHMENT NO. II

LINE 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

3991-4031	Acidized w/1000 Gals. 15% stabilized Unisol Acid.
3991-4031	Sand oil fraced w/40,000 gals. lease oil containing 25# Mark II adomite per 1,000 gals. + 5 gals. FR-3 per 1,000 gals. + 60,000# 20/40 Ottawa sand.
3991-4031	Squeezed perfs. w/250 sx Incor Neat cement containing .06% HA9 + 2% cac1.
3992-4009	Acidized w/500 gals. 15% Unisol Acid.
3992-4009	Squeezed Perfs w/250 sx Incor cement containing .06% Halad 9 + 2% cac1.
3994-3996	Acidized perfs w/500 gals. 15% Unisol Acid.
3994-3996	Acidized perfs w/2,000 gals. 15% Unisol Acid.
3994-3996	Sand oil fraced w/7,000 gals lease crude containing 1/40# adomite per gas. + 5 gals. FR-3/1,000 gals + 1/2 to 1-1/2# per gal 20/40 Ottawa sand.
3994-4008	Acidized perfs w/500 gals 15% Unisol acid using 4 RCN ball sealers.
4012-3600	Spotted 25 sx trinity inferno neat cement.
2875-2710	Spotted 30 sx incore neat cement.
1775-1610	Spotted 30 sx incore neat cement.
404-239	Spotted 30 sx incore neat cement.
25-0	Spotted 25 sx incore neat cement.

Installed State Marker.

Plugged & Abandoned 11-10-66.

MIDLAND E & P DIVISION OFFICE O. C. C.

DAILY DRILLING REPORT ~~Nov 22 11 52 AM '66~~

Lease Name: Vallie Whitehead COMM No: _____ Well No: 1
 Type Well: Oil Foremen's Area: Lovington
 Elev: 4356' GL Field: Chaveroo N. San Andres
 Location of Well: _____
 Unit or Block: _____ Sec: 24 Twp: 6S Rge: 33E
 Survey: _____ County: Roosevelt State: New Mexico
 Spudded: 9-12-66 Completed (Reached T.D.): 10-10-66
 Completion Date (Last time work was done on Well Bore): 11-11-66
 Potential Date: _____ T.D.: 4060' PBTB: 4012'

XX

VALLIE WHITEHEAD "B" #1, Chaveroo N. San Andres Fld, Section 24, T6S, R33E,
 Roosevelt County, OBJECTIVE: Slaughter Pay, Proposed TD 4200.

9/12 MINT - Verna Drilling Co.

9/13 VALLIE WHITEHEAD "B" #1.
 (1) 354' ND, red bed, 12 1/4" hole, 1 1/4" @ 354. WOC on 354' of 28# H-40 ST&C
 8-5/8" csg cemented on bottom @ 354 by Howco w/300 sx incore neet w/2%
 CaCl, plug down @ 4:30 a.m. 9-13-66, cement circulated. Verna Drilling
 Co. spudded in @ 6:00 p.m. 9-12-66.

9/14 VALLIE WHITEHEAD "B" #1
 (2) 1100 drlg red bed, 7-7/8" hole, 1 1/2" @ 1059, fresh water.
 WOC total 16 hrs, tested 8-5/8" csg & BOP w/1000#/ok.

9/15 VALLIE WHITEHEAD "B" #1
 (3) 2550 drlg salt & anhy, 7-7/8" hole, 1" @ 2361, fresh water.

9/16 VALLIE WHITEHEAD "B" #1
 (4) 3117 drlg anhy, 7-7/8" hole, 1" @ 2800, wtr & oil.

9/17 VALLIE WHITEHEAD "B" #1
 (5) 3460 drlg anhy, 7-7/8" hole. 1/2" @ 3388. Wtr & oil.

9/19 (7) 3805 prep to core 1m, 7-7/8" hole NND. 10.0-40-8.0.

9/20 VALLIE WHITEHEAD "B" #1
 (8) 3840 coring SA 1m, 7-13/16 hole, 1/2" @ 3805. 10.0-40-10.0.

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9/21 N.M. VALLEE WHITEHEAD "B" #1
 (9) 3894 coring S.A. (Slaughter pay), 7-13/16" hole. 10.1-40-8.4.
 Core #2 from 3888, drilled 7-7/8" hole from 3845-3888.
 Core #1 S.A. Slaughter pay:
 3805-45, rec 40'
 3805-38, anhy & dolo, no show.
 3838-41, dolo, poor show.
 3841-45, anhy, no show.

9/22 N.M. VALLEE WHITEHEAD "B" #1
 (10) 3960 ND dolo (prep to core), 7-7/8" hole. NND. 10.1-40-8.2.
 Drill 7-7/8" hole 3918-60.
 Core #2 (S.A. Slaughter pay):
 3888-3918, 30', rec 30'
 3888-98, dolo, gd sh of oil & gas.
 3898-3918, dolo, sh & anhy, no show.

9/23 N.M. VALLEE WHITEHEAD "B" #1
 (11) 4012 ND, pulling Core #3, 7-13/16" hole. 10.2-39-8.6.
 Core #3 S.A. (Slaughter pay) 3960-4012.

9/24 N.M. VALLEE WHITEHEAD "B" #1
 (12) 4060 TD, dolo, 7-7/8" hole. NND. 10.2-40-8.4
 (drill 7-7/8" hole 4012-60). Schl ran GR-S-Cal 0-4059. LL 2060-4059
 & Density log 2560-4059 in total 8 hrs, ran bit back to bottom.
 Core #3 SA (Slaughter pay) 3960-4012, 52', rec 51'
 3960-65, dolo, bleeding oil & wtr, gd sh.
 3965-67, dolo, no sh.
 3967-76, dolo & anhy, no sh.
 3976-4012, dolo, gd sh, PP pos.

9/26 4060 TD. Pulled bit, ran 127 jts 4060' of 4 1/2" OD J-55, 9.5# ST&C csg, cemented on bottom by Howco w/ 400 sx Incor w/ 8# salt per sx, PD @ 3:15 p.m. 9/24/66, 1st top of cement 2800, bottom 120' of csg was coated w/ csg-Kote, had scratchers & centralizers, csg was reciprocated throughout cement job, nipple up 4 1/2 csg. Rel Verna Drlg Co rig @ 5:15 p.m. 9/24/66. Set out tools, MIRU Well units Serv Co DD Unit, ran 3-7/8 bit on 2 - 3-1/8 DC's & 2-3/4 tbg, drill cement 4028-4050, tested 4 1/2 csg 1500#/30 min/ok. Displace hole to oil, pull bit, Schl ran GR-Collar-Corr log from 3000 to 4048, then perforated 4 1/2 csg in the SA (Slaughter pay) @ 3991, 93, 95, 97, 99, 4005, 07, 09, 11, 20, 25, 27, 29 & 31 w/ 1 JSPF, total 14 holes. WOC total 33 hrs. Before perforating, ran 2-3/8 tbg to 4043 w/ Guib KTRP pkr set @ 3950, sw 13 BLO in 2 hrs, sw dry 3 hrs. Prep to acidize.

9/27 N.M. VALLEE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, SA (3991-4031).
 Swab dry 4 add'l hrs, Cardinal Chemical Co acidized perms w/ 1000 gals 15% stabilized Unisol acid, BDTP 1600#, TTP 1600#, rate 3.4 BPM, ISIP 1600#, 5 min SIP 1400#, then swab 17 BLO + 12 BAW + 8 BNO + 7 BFW in 14 hrs, 1200' FIH, L hr swab 2 bbls, S/O 50% wtr, Prep to change out wellhead & frac.

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VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031).

9/28

Changed out wellheads, Howco SOP perfs of 4" x 1/2" 40,000 gal lease oil containing 25# Mark II adomite per/1000 gal + 5 gal FR-3 per/1000 gal + 60,000# 20/40 Ottawa sand, BDCP 3500#, Max Press 4300#, TCP 4000#, rate 22.0 BPM, ISIP 2050#, 5 min SIP 2000#, job compl 2:15 p.m. 9/27/66. Prep to flow back load. Lack 1240 BLO to rec.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

9/29

Fl 115 BLO in 3 hrs, CP 200# to zero. Ran 2-7/8 SP CO sand from 4040-50/2 hrs, then ran 2-3/8 tbg to 4047, T perfs @ 4028-32, SN @ 4023, swab 179 BLO in 12 hrs, 2200' FIH, L hr swab 14 bbls, S/O 6% wtr 1% sand, cont to swab. Lack 946 BLO to rec.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

9/30

Swab 235 BLO/24 hrs, 400-800' FIH, L hr sw 4 bbls S/O 6% wtr + 2% sand, gd sh of gas, CP 210#. Lack 711 BLO to rec. Cont to swab.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

10/1

Swab 63 BLO + 120 BLW in 24 hrs, L hr sw 8 bbls, S/O 90% LW, 300-500' FIH, no sh of gas. Lack 648 BLW to rec.

10/3

Swab 48 BLO + 220 BFW/48 hrs, L hr swab 4 1/2 bbls, S/O 90% SW, 300' FIH, gd sh of gas, CP 260. Lack 600 BLO to rec.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

10/4

Swab 5 BLO + 44 BFW/9 hrs, L hr sw 5 bbls, S/O 90% SW, 300' FIH, sl sh of gas, CP 230, remove wellhead, inst'l BOP, pull 2-3/8 tbg, ran RTTS pkr on 2-3/8 to 3933 BJ Serv VIS - squeezed SA perfs (3991-4031) w/ 100 sx cement, Max press 2400#, ISIP 1000, 5 min on Vac, job compl @ 10:45 p.m. 10/3/66. WOC past 9 hrs.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

10/5

SI 14 hrs, 4000' FIH, swab 21 BLO + 0 wtr in 16 hrs, L hr sw 1/2 bbl, S/O 100% oil, gd sh of gas, prep to pull tbg & pkr, rerun tbg, W/O pkr and acidize. Lack 651 BLO to rec.

VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3991-4031) OA.

10/6

Pulled tbg & RTTS pkr, rerun 2-3/8 tbg to 4047, T perfs 4029-32, SN @ 4023, inst'l wellhead, Cardinal Chemical Co washed perfs (3991-4031) w/ 1000 gal 15% Unisol acid, wash @ 400#, acid went into form on vacuum, job compl @ 1:00 p.m. 10/5/66, then swab 37 BLO + 24 BAW + 74 BFW/16 hrs, 300' FIH, sl sh of gas, CP 360#, L hr sw 4 bbls, S/O 90% SW. Lack 654 BLO to rec.

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- 10/7 VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3992-4031) OA.
Sw 1 BLO + 12 BSW/3 hrs, L hr sw 4 bbls, S/O 100% SW, 300' FIH, gd sh of gas, remove wellhead, inst'l BOP, pull tbq, ran Howco RTTS pkr on tbq set @ 3800, load back side w/ wtr pressured up to 1000#, then Howco squeezed S.A. perfs w/ 250 sx Incor Neat cement containing .06% HA9 + 2% CaCl, Max Press 4000#, job compl @ 5:30 p.m. 10/6/66. WOC past 13 hrs, prep to drill out.
- 10/8 Pull tbq & pkr, ran 3-7/8 bit on 3 - 3-1/8 DC's & 2-3/8 tbq to 3810, rigged up Star Tool Co reverse unit, drill cement in 4 1/2 csg from 3810-4036 in 4 hrs, circ hole clean, press up to 2000# indicated leak, pull tbq & bit, ran RTTS pkr on tbq set @ 3800, tested perfs w/ 2400#/ok for 30 min, displ wtr w/ oil, pull tbq & pkr, Schl perforated 4 1/2 csg in the Slaughter pay in S.A. @ 3992;94;96;98;4005;07; & 4009 w/ 1 JSPP; total 7 holes, then ran 2-3/8 tbq, orange peeled to 4047, T perfs 4029-32, SN 4028, remove BOP, inst'l wellhead, swab 40 BLO/2 1/2 hrs, L hr swab 14 bbls, S/O 100% LO, 400' FIH, no gas, cont to swab w/ 15 BLO to rec.
- 10/10 4060 TD, 4050 PBTD, S.A. (3992-4009).
Swab 10 BLO in 2 hrs, swab dry 3 hrs, Cardinal Chemical Co washed perfs w/ 500 gal 15% Unisol acid for 1 hr, then displ acid, TTP 1000# to 300#, rate .9 BPM, ISIP 300, 5 min SIP sl vacuum, job compl @ 2:00 p.m. 10/8/66, then swab 60 BLO + 31 BNO + 12 BAW + 52 BFW/38 hrs, L hr sw 2 bbls, S/O 94% SW, 0-300' FIH, gd sh of gas, CP 220#.
- 10/11 VALLIE WHITEHEAD "B" #1, 4060 TD, 4050 PBTD, S.A. (3992-4009).
Swab 2 BNO + 26 BFW/13 hrs, L hr swab 2 bbls, S/O 95% SW, 150' FIH, gd sh of gas, remove wellhead, inst'l BOP, pull tbq, ran RTTS pkr on 2-3/8 tbq, set @ 3800, Howco attempted to squeeze perfs (3992-4009) w/ 250 sx Incor cement containing .06% Halad 9 + 2% CaCl, Max Press 2400, would not hold, cleared perfs w/ 10 bbls wtr, job compl @ 3:30 a.m. 10/11/66. WOC. Prep to resqueeze @ 10:30 a.m.
- 10/12 VALLIE WHITEHEAD "B" #1, 4060 TD.
WOC total 7 1/2 hrs, Howco pumped into perfs @ 3 BPM @ 2500#, then squeezed perfs w/ 250 sx Incor cement containing .06% Halad 9 + 2% CaCl, Max Press 5000, reversed out 1/2 bbl cement, job compl @ 3:00 p.m. 10/11/66. WOC 16 hrs. Prep to drill out.
- 10/13 VALLIE WHITEHEAD "B" #1, 4060 TD.
WOC total 24 hrs, ran 3-7/8 bit & csg scraper on 3 - 3-1/8 DC's drill cement from 3800-4000 PBTD in 3 hrs, circ hole clean, tested csg w/ 2000# 30 min/ok, displ wtr w/ oil, pull bit, Schl perf 4 1/2 csg in S.A. @ 3994 & 3996 w/ 2 JSPP, total 4 holes, ran 2-3/8 tbq to 3998, orange peeled, T. Perfs 3980-83, SN @ 3979, remove BOP, inst'l wellhead, swab 48 BLO in 2 1/2 hrs, 150' FIH, no gas, L hr swab 1/2 bbl, S/O 100% LO, prep to acidize w/ 500 gal acid.

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- 10/14 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Swab 6 BLO in 3 hrs, swab dry 2 hrs, Cardinal Chemical Co acidized perfs w/ 500 gals 15% Unisol acid, soaked acid $1\frac{1}{2}$ hrs, then displ acid, TTP 500-2000-1600, rate .37 BPM, ISIP 1600, 5 min SIP 1100, job compl 3:45 p.m. 10/13/66, then swab 58 BLO + 7 BNO + 1 BAW in 13 hrs, last 5 hrs swab dry, no gas, prep to reacidize.
- 10/15 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Swab $3\frac{1}{2}$ BNO in 7 hrs, no gas, Cardinal Chemical Co acidized perfs w/ 2000 gals 15% Unisol acid, TTP 2700-2300, rate 2.8 BPM, ISIP 1800, 5 min SIP 1300, job comp @ 3:00 p.m. 10/14/66, swab 54 BLO + 10 BAW in 13 hrs, 1 hr swab $2\frac{1}{2}$ bbls, S/O 60% AW, 400' FIH, sl sh of gas.
Lack 49 BAW to rec.
- 10/17 Swab 1 BLO + 9 BAW in 13 hrs, tbq dry, SI 12 hrs, TP 300, CP 450, bled off immed, 100' FIH, Swab 1 BLO + $4\frac{1}{2}$ BAW in 12 hrs, SI 12 hrs, TP 400, CP 570.
Lack 2 BLO + 36 BAW to rec.
- 10/19 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Remove wellhead, inst'l BOP, pulled 2-3/8 tbq, Howco SOF perfs w/7000 gals lease crude containing 1/40# adomite per gal + 5 gal FR-3/1000 gals + $\frac{1}{2}$ to $1\frac{1}{2}$ # per gal. 20/40 Ottawa sand, total 7000#, down $4\frac{1}{2}$ csg. BDCP 2500#, TCP 4000# to 3700#, rate 12.0 BPM, ISIP 2100#, 5 min 1900#, 10 min 1850#, job compl @ 1:40 p.m. 10/18/66. SI 18 hrs. Prep to run tbq & swab test.
Lack 326 BLO + 33 BAW to rec
- 10/20 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
SI 17 hrs, CP 800, FI 12 BLO in 1 hr, CP 0, ran 2-7/8 SP to 4000, then ran 2-3/8 tbq, orange peeled to 3998, T perfs 3980-83, SN 3979, remove BOP, inst'l wellhead, swabbed 95 BLO in $18\frac{1}{2}$ hrs, 1 hr swab 2 bbls, S/O 100% LO, no gas, 100' FIH, cont to swab.
Lack 219 BLO + 33 BAW to rec
- 10/21 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Swab 21 BLO + 2 BAW in 24 hrs, 1 hr swab $1\frac{1}{2}$ bbls, S/O 30% AW, sl sh of gas, CP 20.
Lack 198 BLO + 31 BAW to rec.
- 10/22 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Swab 10 BLO + 4 BAW/24 hrs, 50 to 100' FIH, 1 hr sw $3/4$ bbls, S/O 40% wtr.
Lack 188 BLO + 27 BAW to rec
- 10/24 SI 44 hrs, TP 300, CP 550, 800' FIH, swab 2 BLO + 5 BAW/2 hrs.
Lack 186 BLO + 22 BAW to rec
- 10/25 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994 & 3996).
Sw 3 BLO + 1 BAW in 12 hrs, swabbing dry, sl sh of gas. Lack 185 BLO + 21 BAW.

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- 10/26 VALLIE WHITEHEAD "B" #1, 4060 TD, 4000 PBTD, S.A. (3994-3996).
SI 18 hrs, TP 130, CP 350, bled press on 2-1/8" tag, inst'l BOP, pull tbg, ran 3-7/8 bit, csg scraper on 2-1/8" tag, rigged up Starr Tool Co reverse unit drilled cement from 4000 to 4012 equals PBTD, circ hole clean, displ wtr to oil, pulled tbg, Schl perf 4 1/2 csg in the S.A. @ 4006 & 4008 w/ 2 JSPP, total 4 holes, ran Guib KTPP pkr on 2-3/8 tbg to 3960, pkr would not set, pulled tbg, changed out pkr- rerun to 3960, set pkr, swab 17 BLO in 1 hr, 100' FIH, no sh of gas, prep to acidize w/ 500 gals acid.
- 10/27 ✓ VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD, S.A. (3994-4008).
Swab 4 BLO + 1 BAW in 3 hrs, then Cardinal Chemical Co acidized perfs w/ 500 gals 15% Unisol acid using 4 RCN ball sealers, TTP 2200-2900, rate 4.0 BPM, ISIP 950, 5 min SIP 200, job compl @ 12:45 p.m. 10/26/66, swab 16 BLO + 12 BAW + 30 BFW in 15 hrs, 1 hr swab 2 bbls, S/O 90% SW, 50 to 100' FIH, gd sh of gas. Lack 191 BLO to rec.
- 10/28 ✓ VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD, S.A. (3994-4008).
Swab 4 BSW in 6 hrs, swabbing dry. SD. Lack 191 BLO to rec.
- 10/29 ✓ VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD, S.A. (3994-4008).
Down 24 hrs on study.
- 10/31 Down past 48 hrs on study.
- 11/1 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Down past 24 hrs for study.
- 11/2 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Down past 24 hrs.
- 11/3 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Down past 24 hrs.
- 11/4 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Down for study.
- 11/7 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Down for study.
- 11/8 VALLIE WHITEHEAD "B" #1, 4060 TD, 4012 PBTD.
Prep to abandon.
- 11/9 VALLIE WHITEHEAD "B" #1, 4060 TD.
" Prep to P&A.
- 11/10 VALLIE WHITEHEAD "B" #1, 4060 TD
MIRU Well Units, Inc. DD Unit, pulled 2-3/8" tag & pkr, ran 2-3/8 tbg OE to 4012, Howco spotted 25 sx TTH cement 4012-3600, pull tag, McCullough Tool Co. ran free point indicator, 4 1/2" csg stuck @ 2840, free @ 2825, cut casing @ 2825, pulled & layed down 30 jts 4-3/4" csg, SD for night.
- 11/11 Finished pulling & laying down 4 1/2" casing, total 87 jts & 2 pieces 2825, ran 2-3/8 tbg to 2875, Howco spotted 30 sx incore neet cement from 2875-2710, 30 sx @ 1775-1610, 30 sx 404-239 & 25 sx from 25' to surface, installed State marker, released Well Units Inc. unit