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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2956	

1a. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator	
Mobil Oil Corporation	
3. Address of Operator	
Box 633, Midland, Texas 79701	
4. Location of Well	
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 17 TWP. 17-S RGE. 35-E NMMPM	

7. Unit Agreement Name
8. Farm or Lease Name
State PP
9. Well No.
1
10. Field and Pool, or Wildcat
Undesignated
12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
4-14-73	5-3-73	5-23-73	3975 GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
9000	--	--		X
24. Producing Interval(s), of this completion — Top, Bottom, Name				25. Was Directional Survey Made
8811-8843 Abo				No
26. Type Electric and Other Logs Run				27. Was Well Cored
OH Logs, SNP				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4	34.0	296	17-1/2	450 sx	
8-5/8	28.0	3248	11	1600 sx	
5-1/2	17.0	9000	7-7/8	2300 sx	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	8958	--

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	8811-8843	10,000 gals. 15% NE acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping — Size and type pump)				Well Status (Prod. or Shut-in)	
5-23-73		Pump				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
6-6-73	24			35	38.3	2	1094
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	
						35.6	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented	Bill Cammins

35. List of Attachments
Drilling Summary

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	TITLE	DATE
Christine P. Tucker	Perforation Clerk	6-7-73

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, Items 30 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.

Rustler 1803		Southeastern New Mexico		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____		
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____		
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____		
T. Yates 3070	T. Miss _____	T. Cliff House _____	T. Leadville _____		
T. 7 Rivers 3178	T. Devonian _____	T. Menefee _____	T. Madison _____		
T. Queen 3999	T. Silurian _____	T. Point Lookout _____	T. Elbert _____		
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____		
T. San Andres 4648	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____		
T. Glorieta 6190	T. McKee _____	Base Greenhorn _____	T. Granite _____		
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____		
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____		
T. Tubb 7591	T. Granite _____	T. Todilto _____	T. _____		
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____		
T. Abo 8550	T. Bone Springs _____	T. Wingate _____	T. _____		
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____		
T. Penn. _____	T. _____	T. Permian _____	T. _____		
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____		

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1709	1709	Redbed				
1709	2750	1041	Salt & Anhydrite				
2750	3248	498	Anhydrite				
3248	9000	5752	Lime				

DAILY DRILLING REPORT

STATE "PP" #1

STATE "PP" #1, 660' FSL & 1980' FWL Sec 17, T-17-S, R-35-E, Lea Co, NM. OBJECTIVE: Drill and complete development well in Abo.

4/14/73 Marcum Drlg Co MIR, 75% RU.

- 4/15 (1) 296 ND, WOC 12-3/4" csg in 17½" hole, ¼ @ 296, Spud Mud. Marcum Drlg Co spud in @ 12:00 noon 4/14/73, ran 7 jts 296' 12-3/4" OD 34.0# 8rd ST&C csg cmt'd on bottom 296 by Howco w/ 450x Class H cmt w/ 2% CaCl + ¼# Flocele/x, PD @ 5:00 p.m. 4/14/73, cmt circ after 2 hrs, cmt had gone down hole 60', ran 1" tbg to 60', cmt'd w/ 70x Class H cmt, cmt circ to surf, WOC.
- 4/16 (2) 2009 drlg salt, 11" hole, 3/4 @ 1820, Br Wtr.
WOC 18 hrs.
- STATE "PP" #1
- 4/17 (3) 3115 drlg anhy, 11" hole, 1° @ 2750. Br Wtr & Oil.
- STATE "PP" #1
- 4/18 (4) 3248 ND anhy, 11" hole, ½ @ 3248, 10.3-35-NC, 4% oil. circ 1 hr, P & LD DP & DC's, ran 36 jts 8-5/8 OD 28.0# csg to 1490, stopped, attempted to work & pump thru tite place 3 hrs w/ no success, P & LD csg, ran 11" bit on 1 - 8" DC + 30 - 6½ DC's & 4½ DP to 1480, drld thru bridge to 1510, ran bit to 3248, now cond mud.
- STATE "PP" #1
- 4/19 (5) 3248 ND, WOC 8-5/8 csg, circ & cond mud/7 hrs, pull bit to 1400, work bit thru tite place @ 1470, ran bit to 3248, circ 1 hr, pull bit to 1400, rerun bit thru tite place @ 1470 & ran to bottom 3248, circ 1½ hrs, POH, ran 3248' 8-5/8 OD 28.0# 8rd ST&C csg cmt'd on bottom @ 3248 by Howco w/ 1400x TILW containing 7# salt/x + 200x Class C Neat cmt w/ 2.6# salt/x, PD @ 3:45 a.m. 4/19/73, cmt circ, WOC.
- STATE "PP" #1
- 4/20 (6) 3288 drlg anhy, 7-7/8" hole, NND, Fr Wtr.
WOC total 24 hrs, test csg & BOP's 1000#/ok.
- 4/21 (7) 3900 drlg lm & anhy, 7-7/8" hole, 1° @ 3760. Fr Wtr.
- 4/23 (9) 5021 drlg lm, 7-7/8" hole, ½ @ 5020. Fr Wtr.
- STATE "PP" #1
- 4/24 (10) 5665 drlg lm, 7-7/8" hole, NND. Fr Wtr.
- STATE "PP" #1
- 4/25 (11) 6062 drlg lm, 7-7/8" hole, ½ @ 5665. Fr Wtr.
- STATE "PP" #1
- 4/26 (12) 6503 drlg lm, 7-7/8" hole, NND. Fr Wtr.

4/27 STATE "PP" #1
(13) 7097 drlg lm, 7-7/8" hole, 3/4 @ 7045. Fr Wtr.

4/28 STATE "PP" #1
(14) 7570 drlg lm, 7-7/8" hole, NND. Fr Wtr.

4/30 (16) 8237 drlg lm, 7-7/8" hole, 1 1/4 @ 7960. Fr Wtr.

5/1 STATE "PP" #1
(17) 8582 drlg lm, 7-7/8" hole, NND. Fr Wtr.

5/2 STATE "PP" #1
(18) 8916 drlg lm, 7-7/8" hole, NND. 9.3-32-NC.

5/3 STATE "PP" #1
(19) 9000 TD lm, 7-7/8" hole, 3/4 @ 9000, 9.0-35-20.0.
circ 2 hrs, P & LD DP & DC's, Schl running OH logs past 7 1/2
hrs, ran SNP log 0-8999, cont to log.

5/4 STATE "PP" #1
(20) 9000 TD, ND lm, 7-7/8" hole, WOC 5 1/2 csg, ran dual Ind
LL 3242-8984/3 hrs, ran 256 jts of 17# 5 1/2 csg to 9000, 88
jts N-80 & J-55 Buttress & 168 jts of 8rd N-80 & J-55, Howco
cmt'd w/ 2100x TLW 1/4# Flocele in 1st 1000x, tailed in w/ 200x
Neat, PD 5:15 p.m. 5/3/73, cmt circ, Rel rig @ 10:00 p.m.
Mountain Daylight Saving Time 5/3/73.

5/5 STATE "PP" #1, 9000 TD.
MORT.

5/7 Inst'l & test anchors, MI & rack 2-3/8 tbg, MIRU X-Pert
Well Serv unit, inst'l BOP, ran 4-3/4 bit on 5 1/2 csg
scraper and 125 jts 2-3/8 tbg, SD for wind & nite.

5/8 STATE "PP" #1, 9000 TD.
Finish picking up 2-3/8 tbg, ran bit to 8968, Dowell tested
5 1/2 csg 1500#/ok, displ hole w/ lse oil, spotted 500 gals 15%
NE acid @ 8846, POH w/ bit, Schl ran PDC log 7450-8956, then
perf 5 1/2 csg in the Abo @ 8811; 13; 15; 22; 28; 30; 32; 34;
37; 39; 41; & 8843 w/ 2 JSPP, total of 24 holes, ran 2-3/8
tbg to 8288, Baker Model R pkr set @ 8226, Dowell displ acid
into form, BDTP 4500, TTP 4500-4600, AIR 2.7 BPM, ISIP 4000,
5 min 3200, bled off press, reset tbg @ 8850, pkr @ 8788, SD
for nite. - 36 BLO + 12 BAW.

5/9 STATE "PP" #1, 9000 TD.
S 36 BLO + 12 BNO + 12 BAW/10 1/2 hrs, 300' FIH, sl sh of gas,
L hr sw 3 bbls, S/O 2% wtr, SD for nite, prep to acidize.

5/10 STATE "PP" #1, 9000 TD.
Reset end of tbg @ 8788, set pkr 8726, S 35 BLO/3 hrs,
Dowell acidized perfs 8811-8843 w/ 10,000 gals 15% NE acid
containing 5#/1000 gals FR used 30 RCNBS, TTP 4700-5300,
AIR 6.4 BPM, ISIP 4000, 10 min 3650, job compl 12:30 p.m.
5/9/73, bled off 33 BLO/2 hrs, then S 8 BLO + 36 BNO + 100
BAW/16 hrs, 2300' FIH, fr sh of gas, L hr sw 8 bbls, S/O
70% AW, cont to sw test. - 140 BAW.

5/11 STATE "PP" #1, 9000 TD.
S 40 BNO + 13 BAW/10 hrs, 2300' FIH, fr sh of gas, L hr
sw 5 bbls, S/O 5% AW, SD for nite, prep to POP. - 127 BAW.

5/12 STATE "PP" #1, 9000 TD.
SI 14 hrs TP 110, bled off press, POH w/ tbg & pkr, LD 66
jts 2-3/8 tbg, ran 2-3/8 tbg, OP to 8958, T. Perfs 8924-27,
SN @ 8923, 5 jts of tbg, Guib TA catcher set @ 8775 w/ 18,000# T,
214 jts of 2-3/8 tbg + 66 jts 2063' 2-7/8 tbg, inst'l wellhead,
ran pump on 103 - 3/4 rods, SD for nite. - 165 BLO + 127 BAW.

5/14 Finish running pump & rods to 8923, spaced out, clamped off,
RD, Rel unit & Rel well to Prod @ 2:00 p.m. 5/12/73.
- 165 BLO + 127 BAW.

5/14 Prep to set PU.
- 165 BLO + 127 BAW.

5/15 STATE "PP" #1, 9000 TD.
Set PU, WO Lea Co Elec for power connection. - 165 BLO + 127 BLW.

5/16 STATE "PP" #1, 9000 TD.
Set PU, WO Lea Co Elec for power connection. - 165 BLO + 127 BLW.

5/17 STATE "PP" #1, 9000 TD.
Set PU, WO Lea Co Elec for power connection. - 165 BLO + 127 BLW.

5/18 STATE "PP" #1, 9000 TD.
Bldg power lines. - 165 BLO + 127 BLW.

5/21 STATE "PP" #1, 9000 TD.
Lea Co Coop bldg power lines. - 165 BLO + 127 BLW.

5/22 STATE "PP" #1, 9000 TD.
Lea Co Coop compl power lines, POP. - 165 BLO + 127 BLW.

5/23 STATE "PP" #1, 9000 TD.
P 165 BLO + 33 BNO + 17 BLW/20 hrs. - 110 BLW.

5/24 STATE "PP" #1, 9000 TD.
P 110 BNO + 11 BLW/24 hrs. - 99 BLW.

5/25 STATE "PP" #1, 9000 TD
P 55 BNO + 8 BLW/ 24 hrs. -91 BLW.

5/29 STATE "PP" #1, 9000 TD
P 122 BNO + 16 BLW/ 4 days, prep to pull pump. -75 BLW.

5/30 STATE "PP" #1, 9000 TD
Pull & change pump, P 68 BNO + 5 BLW/ 18 hrs. -70 BLW.

5/31 STATE "PP" #1, 9000 TD
P 21 BNO + 0 BLW/ 24 hrs. -70 BLW.

6/1 STATE "PP" #1 9000 TD
P 0 BNO + 0 BLW/ 24 hrs, rods parted, fished rods, POH. -70 BLW.

6/4 STATE "PP" #1, 9000 TD.
P 175 BNO + 19 BLW/3 days. - 51 BLW.

6/5 STATE "PP" #1, 9000 TD.
P 35 BNO + 3 BLW/24 hrs. - 48 BLW.

6/6/73 STATE "PP" #1, 9000 TD.
NM OCC POT: P 35 BNO + 2 BLW/24 hrs, 8 - 1½ x 84 SPM,
POTENTIAL GOR 1095/1, Grav 35.6 @ 60, Allow 35 (NP), Top 355,
Cap 35, Compl 5/8/73. - 46 BLW.
FINAL REPORT.