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LAND OFFICE

OPERATOR

Form C-105
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Brunson Argo

9. Well No.

15

10. Field and Pool, or Wildcat

Drinkard

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☒DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

2. Name of Operator

Mobil Oil Corporation

3. Address of Operator

Box 633, Midland, Texas 79701

4. Location of Well

UNIT LETTER F LOCATED 1880 FEET FROM THE North LINE AND 1980 FEET FROMTHE West LINE OF SEC. 10 TWP. 22-S RGE. 37-E NMPM

15. Date Spudded

10-22-73

16. Date T.D. Reached

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17. Date Compl. (Ready to Prod.)

11-12-73

18. Elevations (DF, RKB, RT, GR, etc.)

3417

19. Elev. Casinghead

20. Total Depth

6535

21. Plug Back T.D.

6447

22. If Multiple Compl., How

Many

Two

23. Intervals

Drilled By

Rotary Tools

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

6280-6500 Drinkard

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

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27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	340	17-1/4	300sx	
8-5/8	32	3808	11	875sx	
5 1/2	17	6535	7-3/4	425sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-1/16	6267	

31. Perforation Record (Interval, size and number)

6280-6318, 6340-54, 6360-90, 6399-6402

6412-21, 6425-28, 6433-39, 6445-47

w/1 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6280-6421	1000 gals. 15% NE acid
	25,000 gals. 9.0# gelled
	SW + 25,000# 20/40 Ottawa
	Sand

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
11-12-73		Flowing					Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
11-16-73	24		→	44	4800	16	109,000	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)		
700		→				72.7		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Bill Cummins

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

Christine P. Tucker

TITLE

Proration Clerk

DATE

11-20-73

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, 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.

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. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gailup _____	T. Ignacio Qtzte _____
T. Glorieta 4996	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blaineby 5473	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 5948	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard 6276	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

SUPPLEMENTAL WELL REPORT

BRUNSON ARGO #15

BRUNSON ARGO #15, Drinkard & Tubb Fields, Lea County, New Mexico. OBJECTIVE: Recompl in Drinkard, compl as a dual gas well in Tubb & Drinkard.

- 10/22/73 6535 TD
MIRU Eunice Well Ser Unit 10-20-73, SD for weekend.
- 10/23 Kill well w/ 150 BSW, remove tree, instl BOP, work stuck pkr 4 hrs w/ no success, McCullough Tool Co cut 2-3/8 tbg @ 5818, POH w/ tbg, ran 4-11/16 O.D. w/ 2-3/8 grapples, B sub, jars, 4 3-1/8" DC's & 108 jts of tbg, SD for nite.
- BRUNSON ARGO #15, 6535 TD.
- 10/24 SI/13 hrs, TP 300#, Kill well w/50 BSW, fin run OS to 5818, caught fish, jarred pkr loose, POH w/tbg & fish, ran 4-3/4 bit on 4 3-1/8 DC's & 2-3/8 tbg to 6141, att to CO frac sd, unable to circ, POH w/bit, ran 3-1/2, SP, CO frac sd from 6141-6156/2 hrs, SDN.
- BRUNSON ARGO #15, 6535 TD.
- 10/25 CO frac sd w/SP from 6156-6235, then drl cmt w/drl bailer from 6235-6250, drld on CIBP @ 6250/1-1/2 hrs, SDN.
- BRUNSON ARGO #15, 6535 TD.
- 10/26 Drlg CIBP loose @ 6250, shoved to 6535 TD, PB w/14 sx of 20/40 frac sd, capped w/5 gals hydromite @ 6447 equals PBTD, SDN.
- BRUNSON ARGO #15, 6535 TD.
- 10/27 Ran Baker 5-1/2 Mod R pkr on 3-1/2 frac tbg set @ 6230, prep to SWF Drinkard perfs.
- 10/28 Runco A Drinkard perfs 6280-6421 w/1000 gals 15% NE A, TTP 600#, AIR 4.0 BPM, then SWF w/25,000 gals 9.0# gelled SW + 25,000# 20/40 ottowa snd, used 60 RCNBS, pmpr 120 bbls 9.0# SW pad ahead of frac, TTP 2900#, AIR 30.0 BPM, ISIP 1500#, 15 min 1300#, job comp @ 10:30 am, 10/27/73, SI & SD.
-813 BLW.
- 10/29 SI/43 hrs, TP 1650#, prep to tst.
- BRUNSON ARGO #15, 6535 TD.
- 10/30 F 0 Oil + 42 BLW/11 hrs, 22/64 ck, TP 1300, L hr F 3 BF, S/O 100# wtr, SIFN.
- BRUNSON ARGO #15, 6535 TD.
- 10/31 12 hr SITP 1600, F 9 BLW + 0 Oil/5 hrs, 22/64 ck, TP 1400, kill well w/tred br wtr, pulled & LD 3-1/2 Fr tbg, & pkr, change Rams BOP, McCullough Tool Co ran Baker Mod D 5-1/2 pkr on WL set @ 6250 w/expendable plug in place, SDN, prep to treat Tubb perfs.

BRUNSON ARGO #15, 6535 TD.

- 11/1 SI 13 hrs, CP 50#, bled off, ran Baker 5- $\frac{1}{2}$ Mod R on 2-3/8" tbg set @ 5833, then Runco A Tubb perfs 5883-6127 w/2500 gals 15% NE A, TTP 300-1200, AIR 3.0 BPM, ISITP 400, 5 min SITP vac, job comp 8:45 am, 10/31/73, P & LD 2-3/8" tbg & pkr, SDN.

BRUNSON ARGO #15, 6535 TD.

- 11/2 Unld & rock tbg, change out well head, inst BOP, ran 2-1/16 GST Drinkard tbg OE to 6267, Mod R Nipple @ 6262 (1.43 ID), Baker anchor seal assy @ 6250, Baker ER recptecal @ 6234 (1.5 ID), 193 jts 2-1/16 GST tbg, rem BOP, ld w/8000# ten, rep BOP, SIFN.

BRUNSON ARGO #15, 6535 TD.

- 11/3 Tested Drinkard tbg 3700 psi/ck, ran Tubb tbg 1 $\frac{1}{2}$ OD GST, 195 jts w/ 1 $\frac{1}{2}$ SN on bottom @ 6170, remove BOP, inst'ld dual tree, then from Tubb S 18 BLW/4 hrs, 3000' FIH, NS gas, SI for nite.

- 11/4 Tubb zone - TP 0, S 8 BLW/2 hrs, then C. Horn Wire Line Co attempted to pull plug from Drinkard tbg, sheared 1/8" port equalizing plug, could not get back to plug w/ pulling tool, ran bailer w/ no rec, ran pulling tool on SL - no success, then S 10 BLW from Drinkard tbg, 3000' FIH, SI for nite.

- 11/5 Drinkard tbg SI 13 hrs TP 150, bled off, 2500' FIH, sw tbg down, C. Horn attempted to pull plug 10' fill on plug, ran bailer - no success, sw dry/4 hrs, SD for nite.

BRUNSON ARGO #15, 6535 TD.

- 11/6 SI 13 hrs Drinkard TP 100, bled off, sw tbg dry, Cecil Horn Wire Line Co ran bailer CO 12' off plug, SD for nite, prep to fish plug.

BRUNSON ARGO #15, 6535 TD.

- 11/7 Cecil Horn WL Co CO & pulled plug from Drinkard tbg, from Tubb zone - S 15 BLW/5 hrs, 3000' FIH, NS gas, CP 900.

BRUNSON ARGO #15, 6535 TD.

- 11/8 SI 13 hrs Drinkard TP 1600.
Tubb - TP 0, CP 1000 psi, S & F 3 BNO + 48 BLW/11 hrs, L hr S 3 BLW, 2000' FIH, fr sh gas, SI for nite.

BRUNSON ARGO #15, 6535 TD.

- 11/9 SI 13 hrs, Tubb TP 300, CP 1100, open on 32/64, bled down, kicked off w/ 2 runs w/ sw, hooked w/ Drinkard tbg to csg, F 3 BNO + 42 BLW/11 hrs, L hr F 2 BF, S/O 96% wtr on 24/64 ck, TP 125, CP 620, SI & SD for nite.
- 808 BLW Tubb
- 1420 BLW Drinkard.

BRUNSON ARGO #15, 6535 TD.

- 11/10 SI 13 hrs Tubb TP 450, CP 1040, F 2 BNO + 13 BLW/7 hrs on 32/64, TP 40-150, CP 500 SI.
Drinkard TP 1600.

Rel Eunice Well Serv Unit @ 2:00 pm 11/9/73, Rel to Prod.

Tubb - 795 BLW.

Drinkard - 1420 BLW

BRUNSON ARGO #15

11/12 Drinkard: F 0 BNO + 5 BLW/24 hrs, 2 MMCFGPD, 20/64, TP 1500.
- 1415 BLW.

Tubb: Dead, prep to sw. - 795 BLW.

BRUNSON ARGO #15, 6535 TD.

11/13 Drinkard: F 20 BNO + 16 BLW/20 hrs, 5.1 MMCFGPD, 3/4 ck,
TP 700. - 1399 BLW.

Tubb: S&F 3 BNO + 12 BLW/22 hrs, well dead, prep to sw.
- 783 BLW.

BRUNSON ARGO #15, 6535 TD.

11/14 Drinkard: F 28 BNO + 11 BLW/24 hrs, 4.3 MMCFGPD, 3/4 ck,
TP 700. - 1388 BLW.

Tubb: S&F 1 BNO + 15 BLW/24 hrs. - 768 BLW.

BRUNSON ARGO #15, 6535 TD.

11/15 Drinkard: F 43 BNO + 23 BLW/24 hrs, 4.8 MMCFGPD, 3/4 ck,
TP 700. - 1365 BLW.

Tubb: S & F 2 BNO + 10 BLW/24 hrs. - 758 BLW.

BRUNSON ARGO #15, 6535 TD.

11/16 Drinkard: NM OCC POT: F 44 BNO + 16 BLW/24 hrs, 4.8 MMCFGPD,
POTENTIAL 3/4 ck, TP 700, Grav 72.7 @ 60, Allow 852 MCFGPD,
(gas well), Top 852, GOR 109,000/1, Compl 10/27/73.

Tubb: S & F 2 BNO + 23 BLW/24 hrs. - 735 BLW.