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U.S.G.S.

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.

E-1816

7. Unit Agreement Name

LEA-STATE

8. Farm or Lease Name

LEA-STATE

9. Well No.

1

10. Field and Pool, or Wildcat

N.W. VACUUM (WOLF.)

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

J. C. BARNES OIL COMPANY

3. Address of Operator

P.O. BOX - 505, MIDLAND, TEXAS 79701

4. Location of Well

UNIT LETTER **F** LOCATED **1980'** FEET FROM THE **WEST** LINE AND **2029'** FEET FROMTHE **NORTH** LINE OF SEC. **5** TWP. **17-S** RGE. **34-E** NMPM

15. Date Spudded

9-17-70

16. Date T.D. Reached

10-24-70

17. Date Compl. (Ready to Prod.)

11-16-70

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

4118' GR.

19. Elev. Casinghead

4121'

20. Total Depth

11,055'

21. Plug Back T.D.

11,019'

22. If Multiple Compl., How Many

—

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

10,169-10,964' (WOLFCAMP)

25. Was Directional Survey Made

TOTCO

26. Type Electric and Other Logs Run

SIDEWALL NEUTRON

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#	270'	17 1/2"	375 SXS INCOR 2% CC, CIPC.	0
8 5/8"	24 & 32#	4305'	11"	500 SXS LW & 300 "H" 2%CC	TEST 1000 PSI) 0
					30 MIN.
5 1/2"	17 & 20#	11,055' TD	7 7/8"	400 SXS POSMIX 2% GEL 8# SALT)	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7 7/8"	-	-	-	-	2 3/8"	10,125'	PACKER 10,110'

31. Perforation Record (Interval, size and number)

10,169-10,171-10,173-10,175-10,198-10,203'
 10,206-10,209-10,211-10,220-10,372-10,377'
 10,869-10,863-10,866-10,936-10,962-10,964'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,169-10,380'	11,500 GALS. W/2% NITRE ACID(20%)
10,770-10,964'	13,000 GALS. 20% NITRE ACID

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping — Size and type pump)				Well Status (Prod. or Shut-in)	
NOVEMBER 4, 1970		FLOWING				PRODUCING	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
11-15-70	24	32/64	→	335	588	33 BLW	1755
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	
200#	0	→	335	588	33 LOAD WTP.	39°	

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

VENTED DURING TESTING (PREP. TO CONNECT TO LINE)

Test Witnessed By

CLARENCE FORISTER

35. List of Attachments

CERTIFIED PLAT, FORMS C-104, CERTIFIED DEVIATION RECORD, C-104 (TEST CLEARANCE FOR 1000BBL.)

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 PRODUCTION CLERK

DATE NOVEMBER 16, 1970

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 <u>1552</u>	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 <u>2808</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3782</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4620</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6022</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7350</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8050</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9800</u>	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
0	1552		REDBED, SALT & ANHYDRITE				
1552	2808	1256	ANHY, SAND, SHALE				
2808	3782	974	SAND, ANHY & SHALE				
3782	4620	838	SAND, SHALE, ANHY				
4620	6022	1402	DOLOMITE, ANHY.				
6022	7350	1228	SAND, DOLOMITE				
7350	8050	700	SAND, DOLOMITE, SHALE				
8050	9800	1750	DOLOMITE, SHALE				
9800	11,055	1247	LIMESTONE, DOLO. SHALE				

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1979

COMMISSIONER OF MINES
STATE OF NEW MEXICO