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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 ☒ Fee ☐
5. State Oil & Gas Lease No. E-1816

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name LEA-STATE	
2. Name of Operator J. C. BARNES OIL CO.		9. Well No. 2	
3. Address of Operator P.O. BOX - 505, MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat VACUUM N.W. (WOLF.)	
4. Location of Well UNIT LETTER H LOCATED 2183.7 FEET FROM THE NORTH LINE AND 660' FEET FROM EAST LINE OF SEC. 5 TWP. 17-S RGE. 34-E NMPM		12. County LEA	
15. Date Spudded 2-24-71	16. Date T.D. Reached 4-1-71	17. Date Compl. (Ready to Prod.) 4-19-71	18. Elevations (DF, RKB, RT, GR, etc.) 4107' GR.
19. Elev. Casinghead ---	23. Intervals Drilled By X		
20. Total Depth 11,095'	21. Plug Back T.D. 11,057'	22. If Multiple Compl., How Many --	23. Rotary Tools X
24. Producing Interval(s), of this completion - Top, Bottom, Name 10,781-940'			25. Was Directional Survey Made DEVIATION RECORD:
26. Type Electric and Other Logs Run COLLAR LOCATOR & GAMMA RAY NEUTRON			27. Was Well Cored NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13 3/8"	48# H-40	364'	17 1/4"
8 5/8"	24# J-55	4300'	11"
5 1/2"	17 & 20# N-80	10,095'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
CIRCULATED		0	
1300 SXS LIGHT & REG.		0	
600 SXS POSMIX		0	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	SIZE	DEPTH SET
31. Perforation Record (Interval, size and number) 10,871-820', 10,855-868', 10,895-900' 10,904-934', 10,940'. 3/8" 2 SHOTS PER FT.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 10,781-820' 10,781-820' AMOUNT AND KIND MATERIAL USED 3000 GAL. 15% HCL W/BALL 15,000 GALS. 20% HCL & GELLED WATER W/BALL SEALERS.	
33. PRODUCTION Date First Production 4-12-71 Production Method (Flowing, gas lift, pumping - Size and type pump) FLOW Well Status (Prod. or Shut-in) PROD.			
Date of Test 4-19-71	Hours Tested 24	Choke Size 17/64"	Prod'n. For Test Period 146
Flow Tubing Press. 100#	Casing Pressure PKR.	Calculated 24-Hour Rate 41.0	Oil - Bbl. 234
34. Disposition of Gas (Sold, used for fuel, vented, etc.) VENTED, PHILLIPS PET. LOOKING TO HOOK-UP		Test Witnessed By RON BRITTON	
35. List of Attachments DEVIATION RECORD			
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 R. A. Britton		TITLE DRLG. ENGINEER	
		DATE 8-9-71	

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>1566</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>2820</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3850</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4647</u>	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 <u>7363</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8070</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9850</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	355	355	RED BEDS.	7572	7871'	299'	LIME
355	364	9	AHY. & SALT	7871	8809'	938	"
364	1870	1506	" " "	8809	9290	487	LIME & SHALE
1870	2830	960	" " "	9290	9800'	510	LIME
2830	3442	612	AHY.	9800	10,192	392	DOLC. & LIME
3442	3815	373	"	10,192	10,780	588	LIME & SHALE
3815	4070'	255	LIME & SHL.	10,780	11,080	300	LIME
4070	4280	201	AHY.	11,095	TD.		
4280	4776	496	LIME.				
4776	5010	234	LIME & CHERT				
5010	5345	335	LIME				
5345	5705	360	LIME				
5705	6140	435	LIME				
6140	6973	833	LIME & SHALE				
6973	7284	311	LIME				
7284	7572	288	"				

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