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Form C-105
Revised 1-1-65

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

AUG 21 8 15 AM '67

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. OG 3813

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 State "BH"	
2. Name of Operator Atlantic Richfield Company						9. Well No. 1	
3. Address of Operator P. O. Box 1978, Roswell, New Mexico						10. Field and Pool, or Wildcat Undesignated-Queen	
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 13 TWP. 19-S RGE. 34-E NMPM						12. County Lea	
15. Date Spudded 7-9-67	16. Date T.D. Reached 7-25-67	17. Date Compl. (Ready to Prod.) 8-21-67	18. Elevations (DF, RKB, RT, GR, etc.) 3966' DF	19. Elev. Casinghead 3956'			
20. Total Depth 5397'	21. Plug Back T.D. 5360'	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-5397	Rotary Tools		Cable Tools	
24. Producing Interval(s), of this completion - Top, Bottom, Name 5080-5136 Queen						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run GR-Sonic & Dual Induction Laterolog						27. Was Well Cored Yes 5068-5187 & 5247-5297	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8	24	426.24	12-1/4	220 sx		None	
5-1/2	14	5396.76	7-7/8	276 sx			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD		
					SIZE	DEPTH SET	PACKER SET
					2-7/8	5084.66	None
31. Perforation Record (Interval, size and number) 10 - 3/8" jet holes @ 5080, 5081, 5082, 5123, 5124, 5125, 5133, 5134, 5135 & 5136 (OH Log Measurements)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5080-5136 200 gal mud acid 1500 gal 15% HCl 14000 gal L.C. & 14000# 20/40 sand 11000 gal L.C. & 11000# 10/20 sand			
33. PRODUCTION Date First Production 8-21-67 Production Method (Flowing, gas lift, pumping - Size and type pump) Rod pump 2-1/2" x 1-1/2" x 22" insert Well Status (Prod. or Shut-in) Producing							
Date of Test 8-22-67	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period 32	Oil - Bbl. Unms'd	Gas - MCF Unms'd	Water - Bbl. 60	Gas - Oil Ratio --
Flow Tubing Press. --	Casing Pressure --	Calculated 24-Hour Rate 32	Oil - Bbl. Unms'd	Gas - MCF Unms'd	Water - Bbl. 60	Oil Gravity - API (Corr.) 320	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented temporarily						Test Witnessed By T. T. Barnes	
35. List of Attachments Deviation Survey & logs							
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. Original Signed O. D. Bretches Dist. Drlg. Supervisor DATE 8-25-67 SIGNED _____ TITLE _____ DATE _____							

INSTRUCTIONS

This form is to be filled 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 filled 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	1850	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Pictured Cliffs	T. Penn. "D"
T. Yates	3495	T. Cliff House	T. Leadville
T. 7 Rivers	4781	T. Menefee	T. Madison
T. Queen		T. Point Lookout	T. Elbert
T. Grayburg		T. Mancos	T. McCracken
T. San Andres		T. Gallup	T. Ignacio Qizte
T. Glorieta		T. Base Greenhorn	T. Granite
T. Paddock		T. McKee	
T. Blinberry		T. Ellenburger	
T. Tubb		T. Gr. Wash	
T. Drinkard		T. Morrison	
T. Abo		T. Todilto	
T. Wolfcamp		T. Entrada	
T. Penn.		T. Wingate	
T. Cisco (Bough C)		T. Chinle	
		T. Permian	
		T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1850		Surface sand & gravel,				
1850	3495	1645	tertiary red beds				
3495	3854	359	Anhydrite & salt				
3854	4781	927	Anhydrite & sands				
4781	5070	289	Dolomite & anhydrite				
4781	5070	289	Queen sand & dolomite				
5070	T.D.	327	Queen-Penrose dolomite				
			& sand				