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Form C-105
Revised 1-1-65

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

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JUN 29 1976

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7833	

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐		P.C.C. ANTENNA OFFICE		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				8. Farm or Lease Name Empire Abo Unit "L"	
2. Name of Operator Atlantic Richfield Company						9. Well No. 152	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240						10. Field and Pool, or Wildcat Empire Abo	
4. Location of Well							
UNIT LETTER <u>0</u> LOCATED <u>2602</u> FEET FROM THE <u>East</u> LINE AND <u>320</u> FEET FROM						12. County Eddy	
THE <u>South</u> LINE OF SEC. <u>2</u> TWP. <u>18S</u> RGE. <u>27E</u> NMPM							
15. Date Spudded 5/24/76		16. Date T.D. Reached 6/8/76		17. Date Compl. (Ready to Prod.) 6/17/76		18. Elevations (DF, RKB, RT, GR, etc.) 3568.4' GR	
20. Total Depth 6335'		21. Plug Back T.D. 6211'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 0-6335'	
24. Producing Interval(s), of this completion - Top, Bottom, Name 6037-6050' Abo Reef						25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Dual Laterolog w/RXO, Gamma Ray Neutron w/Caliper, CBL & GR Corr logs						27. Was Well Cored No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
8-5/8" OD		24#		1003'		11"	
5-1/2" OD		14 & 15.5#		6335'		7-7/8"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP		BOTTOM		PACKER SET	
						5961'	
31. Perforation Record (Interval, size and number) 6037-6050' - 2 JSPF = 27 - .44" holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
6037-6050'				3000 gals 15% HCL-LSTNE acid w/iron sequestrant			
33. PRODUCTION							
Date First Production 6/17/76		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 6/19/76		Hours Tested 24		Choke Size 48/64"		Prod'n. For Test Period	
						Oil - Bbl. 589	
						Gas - MCF 345	
						Water - Bbl. 3	
						Gas-Oil Ratio 586:1.	
Flow Tubing Press. 125#		Casing Pressure Pkr		Calculated 24-Hour Rate 589		Oil Gravity - API (Corr.) 44°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By N. H. Truitt	
35. List of Attachments Logs as listed in Item 26 above & Inclination Report							
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 <u>N. H. Truitt</u>		TITLE <u>Prod. Dist. Supv.</u>		DATE <u>6/22/76</u>			

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 filled in quadruplicate 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"
B. Salt	T. Aloka	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. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilto	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Bough C)		T. Penn. "A"	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	327	327	Surface, red bed & sd				
327	1003	676	Anhy & Potash				
1003	3203	2200	Anhydrite				
3203	3386	183	Anhydrite & Lime				
3386	3667	281	Anhydrite				
3667	4061	394	Anhydrite & Lime				
4061	4242	181	Anhydrite				
4242	4417	175	Anhydrite & Lime				
4417	4669	252	Anhydrite				
4669	4804	135	Anhydrite & Shale				
4804	5035	231	Anhydrite				
5035	5048	13	Anhydrite & Shale				
5048	5292	244	Anhydrite				
5292	5420	128	Anhydrite & Shale				
5420	5714	294	Anhydrite				
5714	5809	95	Anhydrite & Shale				
5809	5922	113	Lime & Shale				
5922	6019	97	Shale				
6019	6099	80	Anhydrite & Lime				
6099	6178	79	Lime & Shale				
6178	6225	47	Shale				
6225	6335	110	Lime & Shale				
6225							

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