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

Form C-105
Revised 11-1-76

RECEIVED

JUN 20 1978

Bur. of Mines

1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐		OTHER ☐		5a. Indicate Type of Lease State ☒ Fee ☐	
b. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐		PLUG BACK ☐ DIFF. RESVR. ☐		5. State Oil & Gas Lease No. E-7116	
2. Name of Operator Atlantic Richfield Company		3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1560 FEET FROM THE West LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM		7. Unit Agreement Name Empire Abo Pressure Maintenance Project	
15. Date Spudded 5/19/78		16. Date T.D. Reached 5/30/78		17. Date Compl. (Ready to Prod.) 6/8/78		8. Farm or Lease Name Empire Abo Unit "E"	
20. Total Depth 6192'		21. Plug Back T.D. -		22. If Multiple Compl., How Many		9. Well No. 341	
24. Producing Interval(s), of this completion - Top, Bottom, Name 6102-6192' Abo Reef		23. Intervals Drilled By Rotary Tools		25. Was Directional Survey Made No		10. Field and Pool, or Wildcat Empire Abo	
26. Type Electric and Other Logs Run DLL RXO, CNL-FDC w/Caliper, GR, Sonic		27. Was Well Cored No		12. County Eddy			
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" OD	24# K-55	750'	11"	500 sx + 3 yds Redi-mix			
5-1/2" OD	15.5# K-55	6102'	7-7/8"	1355 sx			
29. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6130'	6006'
31. Perforation Record (Interval, size and number) 6102-6192' open hole				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
				none			
33. PRODUCTION							
Date First Production 6/8/78		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 6/9/78	Hours Tested 24	Choke Size 48/64"	Prod'n. For Test Period 665	Oil - Bbl. 665	Gas - MCF 306	Water - Bbl. 0	Gas - Oil Ratio 460:1
Flow Tubing Press. 100#	Casing Pressure Pkr	Calculated 24-Hour Rate 665	Oil - Bbl. 665	Gas - MCF 306	Water - Bbl. 0	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 and 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 <i>[Signature]</i>		TITLE Dist. Drlg. Supt.				DATE 6/15/78	

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 and reported in feet. 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"
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. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todillo	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	T. T.	T. Chinle	T. T.
T. Penn.	T. T.	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn. "A"	T. T.

OIL OR GAS SANDS OR ZONES

No. 1, from	6102'	to	6192'	No. 4, from	to
No. 2, from	to	No. 5, from	to	No. 6, from	to
No. 3, from	to	No. 4, from	to	No. 5, from	to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	to	feet	None encountered
No. 2, from	to	feet	
No. 3, from	to	feet	
No. 4, from	to	feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	750	750	Surface & Red Bed
750	1000	250	Anhydrite & Gyp
1000	1120	120	Red Bed & Anhydrite
1120	5959	4839	Lime & Sand
5959	6192	233	Lime