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Form C-105  
Revised 1-1-65

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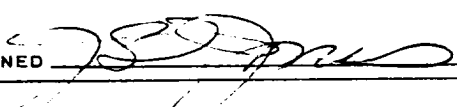
NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**JUL 9 1976**

**O. C. C.**  
**ARTESIA, OFFICE**

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2071	

1a. TYPE OF WELL										7. Unit Agreement Name <b>Empire Abo Pressure Maintenance Project</b>	
b. TYPE OF COMPLETION OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>										8. Farm or Lease Name <b>Empire Abo Unit "G"</b>	
2. Name of Operator <b>Atlantic Richfield Company</b>										9. Well No. <b>341</b>	
3. Address of Operator <b>P. O. Box 1710, Hobbs, New Mexico 88240</b>										10. Field and Pool, or Wildcat <b>Empire Abo</b>	
4. Location of Well UNIT LETTER <b>K</b> LOCATED <b>1850</b> FEET FROM THE <b>South</b> LINE AND <b>2591</b> FEET FROM										12. County <b>Eddy</b>	
THE <b>West</b> LINE OF SEC. <b>34</b> TWP. <b>17S</b> RGE. <b>28E</b> NMPM											
15. Date Spudded <b>6/3/76</b>		16. Date T.D. Reached <b>6/19/76</b>		17. Date Compl. (Ready to Prod.) <b>7/1/76</b>		18. Elevations (DF, RKB, RT, GR, etc.) <b>3661.2' GR</b>		19. Elev. Casinghead			
20. Total Depth <b>6400'</b>		21. Plug Back T.D. <b>6366'</b>		22. If Multiple Compl., How Many		23. Intervals Drilled By <b>0-6400'</b>		24. Rotatory Tools <b>0-6400'</b>			
24. Producing Interval(s), of this completion - Top, Bottom, Name <b>6168-96' Abo Reef</b>										25. Was Directional Survey Made <b>No</b>	
26. Type Electric and Other Logs Run <b>DLL w/RXO, caliper, CNL-FDC w/GR, GR-N, BHC Sonic, CBL &amp; GR Corr log</b>										27. Was Well Cored <b>No</b>	
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		23#		600'		11"		380 sx			
5-1/2" OD		14 & 15.5#		6400'		7-7/8"		2675 sx			
29. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		30. TUBING RECORD	
										SIZE	
										DEPTH SET	
										PACKER SET	
										2-3/8" OD	
										6113'	
										6082'	
31. Perforation Record (Interval, size and number) <b>6168-96' = .49" - 2 JSPF</b>						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						6168-96'		5000 gals 15% HCL-LSTNE			
33. PRODUCTION											
Date First Production <b>7/1/76</b>			Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Flowing</b>						Well Status (Prod. or Shut-in) <b>Prod</b>		
Date of Test <b>7/4/76</b>		Hours Tested <b>24</b>		Choke Size <b>48/64"</b>		Prod'n. For Test Period <b>798</b>		Oil - Bbl. <b>418</b>		Gas - MCF <b>0</b>	
										Water - Bbl. <b>524:1</b>	
										Gas - Oil Ratio	
Flow Tubing Press. <b>120#</b>		Casing Pressure <b>Pkr</b>		Calculated 24-Hour Rate <b>798</b>		Oil - Bbl. <b>418</b>		Gas - MCF <b>0</b>		Water - Bbl. <b>44° F.</b>	
										Oil Gravity - API (Corr.)	
										44° F.	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>										Test Witnessed By <b>N. H. Truitt</b>	
35. List of Attachments <b>Logs as listed in Item 26 above &amp; Inclination Report</b>											
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 <b>Dist. Drlg. Supv.</b>			DATE <b>7/7/76</b>		

**Figure 1**

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 RuRc 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. Atoka _____	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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	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	600	600	Surface & Red Bed				
600	5936	5336	Anhydrite				
5936	6133	197	Anhydrite & Lime				
6133	6400	267	Anhydrite				
	TD						