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RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
MAY 25 1977

Form C-105
Revised 11-1-76

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-8814-12	

1a. TYPE OF WELL **ARTESIA, OFFICE**

b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "K"

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 **K** LOCATED **1370** FEET FROM THE **South** LINE AND **2445** FEET FROM

9. Well No.
141

10. Field and Pool, or Wildcat
Empire Abo

THE **West** LINE OF SEC. **2** TWP. **18S** RGE. **27E** NMPN

12. County
Eddy

15. Date Spudded 4/7/77	16. Date T.D. Reached 4/25/77	17. Date Compl. (Ready to Prod.) 5/17/77	18. Elevations (DF, RKB, RT, GR, etc.) 3521' GL	19. Elev. Casinghead
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20. Total Depth 6203'	21. Plug Back T.D. 6155'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	24. Cable Tools 0-6203'
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24. Producing Interval(s), of this completion - Top, Bottom, Name
5990-6024, 6100'Abo

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
GR-N, Sonic, CNL-FDC, DLL-RXO, Caliper Logs

27. Was Well Cored
No

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	1006'	11"	360 sx	
5-1/2" OD	14 # K-55	6203'	7-7/8"	1277 sx	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	5985'
						5950'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5990-6024' (2 JSPF = 68' - .45" holes)		DEPTH INTERVAL	
6100' (4 JS = 4' - .45" holes)		AMOUNT AND KIND MATERIAL USED	
		5990-6024' 500 gals 15% HCL-LSTNE acid & 12 BLC	
		6100' 1000 gals lse crude, 1000 gals HCL-	
		DAD acid w/xylene dispersant FE agent	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5/8/77		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/18/77	24	48/64"		573	328	0	572:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
130#	Pkr		573	328	0	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 & Directional Survey

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 **Dist. Drlg. Supt.** DATE **5/23/77**

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. Any	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 Ortiz
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. Entrakia	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 5990'	to 6024'	No. 4, from	to
No. 2, from 6100'	to	No. 5, from	to
No. 3, from	to	No. 6, 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	From	To	Thickness in Feet	Formation
0	270	270	Surface, Red Bed,				
270	990	720	Anhydrite & Gyp				
990	1500	510	Anhy				
1500	1900	400	Anhy & Lime				
1900	2000	100	Anhy				
2000	3750	1750	Anhy & Lime				
3750	4800	1050	Lime & Sand				
4800	5950	1150	Lime				
5950	6025	75	Dolomite				
6025	6200	175	Lime & Dolomite				
6200	6200	3	Dolo				