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

Form C-105
Revised 11-1-76

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-1448
7. Unit Agreement Name
8. Farm or Lease Name State Vacuum Unit
9. Well No. 21
10. Field and Pool, or Wildcat Vacuum Grbg SA
11. County Lea

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Wtr Inj Well</u>
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator Atlantic Richfield Company
3. Address of Operator Box 1710, Hobbs, New Mexico 88240

4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>17S</u> RGE. <u>34E</u> NMPM
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15. Date Spudded 3/14/77	16. Date T.D. Reached 3/24/77	17. Date Compl. (Ready to Prod.) WIW	18. Elevations (DF, RKB, RT, GR, etc.) 4081.1' GR	19. Elev. Casinghead
20. Total Depth 4815'	21. Plug Back T.D. 4814'	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-4815'	24. Was Directional Survey Made No
26. Type Electric and Other Logs Run GR-Neutron, CBL				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#	1602'	12 1/4"	750 sx plus 3 yds Redi-mix	
4-1/2" OD	9.5#	4815'	7-7/8"	600 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	-	4688'

31. Perforation Record (Interval, size and number) 4764-4810' = 1 JSPF (46 - .32" holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 2300' AMOUNT AND KIND MATERIAL USED Cmt squeezed w/600 sx Howco Lite cont'g 9#/sk salt & 100 sx Cl C cont'g 2% CaCl. (cont'd on attached Page 2)
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33. PRODUCTION							
Date First Production WIW		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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35. List of Attachments Logs as listed in Item 26 above & Inclination Report
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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 5/17/77

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 depth. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 34 through 39 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. Canyon	1605'	T. Ojo Alamo	
T. Strawn		T. Kirtland-Fruitland	
T. Aloka	2790'	T. Pictured Cliffs	
T. Miss		T. Cliff House	
T. 7 Rivers	2916'	T. Menefee	
T. Queen		T. Cornudas	
T. Grayburg	4478'	T. Montoya	
T. San Andres	4708'	T. Gallup	
T. Glorieta		T. Base Greenhorn	
T. McKee		T. Granite	
T. Ellenburger		T. Dakota	
T. Morrison		T. Todillo	
T. Delaware Sand		T. Entrada	
T. Bone Springs		T. Wingate	
T. Chinle		T. Permian	
T. Penn.		T. Penn. "A"	
T. Cisco (Bough C)			

OIL OR GAS SANDS OR ZONES

No. 1, from 4764' to 4810'	No. 4, from
No. 2, from	No. 5, from
No. 3, from	No. 6, from

IMPORTANT WATER SANDS

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

No. 1, from at approx 2300' to	feet	Water flow in 8-5/8" x 4 1/2" annulus to surf estimated @ 24 BPD - Cmt squeezed.
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	191	191	Surface, Sand & Red Bed				
191	962	771	Red Bed & Anhydrite				
962	1620	658	Anhydrite				
1620	1870	250	Anhydrite & Salt				
1870	4092	2222	Anhydrite				
4092	4176	84	Anhydrite & Lime				
4176	4339	163	Lime				
4339	4393	54	Lime & Dolomite				
4393	4815	422	Dolomite				