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

RECEIVED

MAY 27 1976

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	647
7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Name of Lease Name	Empire Abo Unit "G"

1a. TYPE OF WELL	OIL WELL ☒	GAS WELL ☐	DRY ☐	OTHER ☐		
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
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

9. Well No.
321

10. Field and Pool, or Willcut
Abo

UNIT LETTER <u>I</u>	LOCATED <u>1520</u> FEET FROM THE <u>South</u> LINE AND <u>250</u> FEET FROM	12. County Eddy			
THE <u>East</u> LINE OF SEC. <u>33</u> TWP. <u>17S</u> RGE. <u>28E</u> NMPM	15. Date Spudded 4/23/76	16. Date T.D. Reached 5/11/76	17. Date Compl. (Ready to Prod.) 5/21/76	18. Elevations (DF, R&B, RT, GR, etc.) 3663.8' GR	19. Elev. Casinghead
20. Total Depth 6401'	21. Plug Back T.D. 6353'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-6400'	24. Producing Interval(s), of this completion - Top, Bottom, Name 6183-6218' Abo Reef	25. Was Directional Survey Made No

26. Type Electric and Other Logs Run Gamma Ray, Dual Laterolog w/RXO, Gamma Ray Neutron, Caliper Log & GR Cement Bond Log w/collars

27. Was Well Cored
No

CASING RECORD (Report all strings set in well)				AMOUNT PULLED
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	
8-5/8" OD	24#	550'	11"	200 SX
5-1/2" OD	14 & 15.5#	6401'	7-7/8"	1400 SX

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	DEPTH SET	PACKER SET
					2-3/8" OD	6044'

31. Perforation Record (Interval, size and number)

6183-6218' = 71 - .41" holes

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND MATERIAL USED
DEPTH INTERVAL		
6183-6218'		2000 gals 15% HCL-ISTNE ac

33. Date First Production 5/21/76	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 5/22/76	Hours Tested 24	Choke Size 48/64"	Prod'n. For Test Period 533	Oil - Bbl. 533	Gas - MCF 334	Water - Bbl. 2
Flow Tubing Press. 120#	Casing Pressure Pkr	Calculated 24-Hour Rate 533	Oil - Bbl. 533	Gas - MCF 334	Water - Bbl. 2	Oil Gravity - API (Con) 44°

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold35. List of Attachments
Items as listed in #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

TITLE Dist. Drlg. Supv.

DATE 5/26/76

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 filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TESTS

Southeastern New Mexico

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. Blirebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo. 5821'	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)

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From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0 1	891 6401 TD	891 5510'	Surface & Red Bed Anhydrite & Lime				

