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Form C-105
Revised 11-1-78

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

RECEIVED

FEB 22 1979

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-11593-8

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
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 "E"

2. Name of Operator	Atlantic Richfield Company
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9. Well No.	374
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3. Address of Operator	Box 1710, Hobbs, New Mexico 88240
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10. Field and Pool, or Wildcat	Empire Abo
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4. Location of Well	UNIT LETTER <u>D</u> LOCATED <u>220</u> FEET FROM THE <u>North</u> LINE AND <u>700</u> FEET FROM
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11. County	Eddy
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THE <u>West</u> LINE OF SEC. <u>35</u> TWP. <u>17S</u> RGE. <u>28E</u>	
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15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
1/16/79	1/28/79	2/8/79	3680.7' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6358'	6294'			0-6358'	

24. Producing Interval(s), of this completion - Top, bottom, Name	25. Was Directional Survey Made
6255-6271' Abo Reef	No

26. Type Electric and Other Logs Run	27. Was Well Cored
DLL w/RXO, CNL-FDC w/Caliper & CBL	No

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	800'	11"	405 sx	
5-1/2" OD	15.5# K-55	6345'	7-7/8"	1225 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	6149'

28. Perforation Interval (Interval, size and number)	29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Prod thru csg pkr sliding sleeves 6255-6271'	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	6255-6271' 150 gal 15% HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gal gelled LC, 1500 gal 60/40 acid/xylene, flushed w/12 BLC

30. Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
2/4/79	Flowing	Prod
Date of Test	Hours Tested	Choke Size
2/11/79	24	48/64"
Flow Testing Press.	Casing Pressure	Oil - Bbl.
80#	Pkr	255
		212
		0
		831:1

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	N. H. Truitt

35. List of Attachments	
Logs as listed in Item 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 <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u> DATE <u>2/21/79</u>

INSTRUCTIONS

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 quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. 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. Grubburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Stripson	T. Gallup	T. Ignacio Quartz
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Padlock	T. Eichenburger	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 6255'	to 6271'	No. 4, from	to
No. 2, from	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	Encountered water flow @ 1950' ARO 514 BPD
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	800	800	Surface & Red Bed
800	877	77	Anhydrite & Lime
877	1220	343	Anhydrite
1220	2289	1069	Anhydrite & Lime
2289	2380	91	Anhydrite
2380	2603	223	Anhydrite & Lime
2603	6358	3755	Lime
2603	TD		