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

Form C-105
Revised 11-1-78

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NOV 22 1978

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-7116	

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. Term of Lease Name	Empire Abo Unit "F"

2. Name of Operator	Atlantic Richfield Company
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9. Well No.	352
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3. Address of Operator	P. O. Box 1710, Hobbs, New Mexico
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10. Field and Pool, or Wildcat	Empire Abo
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4. Location of Well	
UNIT LETTER <u>G</u>	LOCATED <u>1330</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM
THE <u>East</u> LINE OF SEC. <u>34</u> TWP. <u>17S</u> RGE. <u>28E</u>	

11. County	Eddy
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15. Date Spudded	10-15-78	16. Date T.D. Reached	10-27-78	17. Date Compl. (Ready to Prod.)	11-6-78	18. Elevations (DE, RAB, RT, GR, etc.)	3670.3'GR	19. Elev. Casinghead	
20. Total Depth	6283'	21. Plug Back T.D.	6237'	22. If Multiple Compl., How Many		23. Intervals Drilled By	Rotary Tools	0-6283'	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name								25. Was Directional Survey Made	
6202-6222' Abo Reef								No	
26. Type Electric and Other Logs Run								27. Was Well Cored	
GR-FDC-CNL, GR-N, Sonic VDL, DLL w/RXD caliper								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	753'	11"	550sx plus 6yds Redi-mix	
5-1/2"OD	15.5#K-55	6283'	7-7/8"	1435sx	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"OD	6070'	6070'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6202-6222' (2JSPP=40-.50"holes)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		6202-6222'	Acidized w/150 gals 15% HCL-LSTNEA followed by 1000 gals 10# Ca Cl wtr, 1000 gals gelled LC, 1500 gals 15% HLC-LSTNEA, flushed w/27 BLC.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-6-78		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-8-78	24 hrs.	48/64"		583	228	0	391:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
100#	Pkr		583	228	0	44°	

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 & Indication 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>11-16-78</u>

*Postcard back
11-22-78
Amo/Amo+ PP*

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 radioactivity 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 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									
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz
T. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Yates	T. Miss	T. Cliff House	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. 7 Rivers	T. Devonian	T. Menefee	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Queen	T. Silurian	T. Point Lookout	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Grayburg	T. Montoya	T. Mancos	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. San Andres	T. Simpson	T. Gallup	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Minebry	T. Gr. Wash	T. Morrison	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Tubb	T. Granite	T. Todillo	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Drinkard	T. Delaware Sand	T. Entrada	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Abo	T. Bone Springs	T. Wingate	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Wolfcamp	T. Chinle	T. Permian	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Penn.	T. Penn.	T. Penn. "A"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite
T. Cisco (Bough C)			T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite	T. Granite

OIL OR GAS SANDS OR ZONES

No. 1, from	to	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	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
0	398	398	Surface & Red Bed, sand
398	595	197	Red Bed, Anhydrite, sand
595	1500	905	Anhydrite, sand
1500	1795	295	Anhydrite
1795	4500	2705	Anhydrite & Lime
4500	4700	200	Lime & Dolomite
4700	4950	250	Lime
4950	5500	550	Lime, Dolomite, shale
5500	6200	700	Lime, Dolomite
6200	6283	83	Lime
TD			