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

Form C-105
Revised 11-1-76

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 "F"

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

9. Well No.
372

4. Location of Well
UNIT LETTER E LOCATED 2490 FEET FROM THE North LINE AND 1100 FEET FROM

10. Field and Pool, or Wildcat
Empire Abo

THE West LINE OF SEC. 35 TWP. 17S RGE. 28E NMPM
15. Date Spudded 6/1/77 16. Date T.D. Reached 6/18/77 17. Date Compl. (Ready to Prod.) 8/22/77 18. Elevations (DF, RKB, RT, GR, etc.) 3676.8' GR

12. County
Eddy

20. Total Depth 6370' 21. Plug Back T.D. - 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 0-6370' Cable Tools -

19. Elev. Casinghead

24. Producing Interval(s), of this completion - Top, Bottom, Name
6239-6243' Abo Reef

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CNL-FDC & DLL, Sonic, GR-N, Caliper & 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#	750'	11"	265 sx	
5-1/2" OD	14 & 15.5#	6370'	7-7/8"	1925 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6171'	6171'

31. Perforation Record (Interval, size and number) <u>6239-6243' = 2 JSPF (8 - .44" holes)</u>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL <u>6239-6243'</u> AMOUNT AND KIND MATERIAL USED <u>500 gal 15% HCL-NE w/FE seq,</u> <u>26 bbls 2% KCL wtr</u>
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33. PRODUCTION							
Date First Production <u>6/29/77</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pmpg - Kobe cavity 2" type B Jet pump (2X73)</u>					Well Status (Prod. or Shut-in) <u>Prod</u>	
Date of Test <u>8/22/77</u>	Hours Tested <u>24</u>	Choke Size <u>-</u>	Prod'n. For Test Period <u>225</u>	Oil - Bbl. <u>152</u>	Gas - MCF <u>12</u>	Water - Bbl. <u>675:1</u>	Gas - Oil Ratio <u>44°</u>
Flow Tubing Press. <u>-</u>	Casing Pressure <u>-</u>	Calculated 24-Hour Rate <u>225</u>	Oil - Bbl. <u>152</u>	Gas - MCF <u>12</u>	Water - Bbl. <u>44°</u>	Oil Gravity - API (Corr.) <u>44°</u>	

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

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 N. H. Truitt TITLE Dist. Drlg. Supt. DATE 8/24/77

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 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 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"
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.
J. 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 6239'	to 6243' Abo	No. 4, from	No. 5, from	No. 6, from
No. 2, from	to	No. 3, from	to	
No. 3, 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	Water flow @ 2075'	estimated rate of 150 GPM.
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	735	735	Surface & Red Bed				
735	3910	3175	Anhydrite				
3910	5015	1105	Anhydrite & Lime				
5015	5176	161	Anhydrite & Lime & Shale				
5176	5397	221	Anhydrite, Lime				
5397	5505	108	Lime & Shale				
5505	5612	107	Anhydrite, Lime				
5612	5950	338	Lime & Shale				
5950	6370	420	Lime				
5950			TD				

FIELD Empire Abo COUNTY Eddy OCC NUMBER

OPERATOR Atlantic Richfield Company ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240

LEASE Empire Abo Unit F WELL NO. 372 SURVEY 2490' FNL & 1100' FWL, Sec. 35, T-17S, R-28E

RECORD OF INCLINATION

RECEIVED

DEPTH (FEET)

ANGLE OF
INCLINATION (DEGREES) 5 1977

418'
750'
1,263'
1,630'
2,011'
2,422'
2,967'
3,497'
3,995'
4,304'
4,801'
4,925'
5,422'
5,576'
5,800'
6,370'

1/4
3/4
3/4
2-1/4
2-1/4
2-3/4
2-1/2
2-1/2
2-3/4
2-1/2
2-3/4
2-3/4
4-3/4
5
5
5

O. C. C.
ARTESIA, OFFICE

Certification of personal knowledge Inclination Data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: Walter Frederickson
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the 24th day of June, 1977.

Joyce Wood Notary Public in and for Midland County, Texas.
Joyce Wood

