

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	

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

Form C-105
Revised 10-1-78

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-11594-3	

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 I
9. Well No.
251
10. Field and Pool, or Wildcat
Empire Abo

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

RECEIVED

JAN 22 1979

D. G. C.
ARTESIA, OFFICE

UNIT LETTER	D	LOCATED	660	FEET FROM THE	North	LINE AND	150	FEET FROM
THE West LINE OF SEC. 5 TWP. 18S RGE. 28E NMPM								

11. County
Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GK, etc.)	19. Elev. Casinghead
12/22/78	01/07/79	01/14/79	3673.8' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
6250'	6185'		0-6250'	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
6012- 6034' Abo Reef				No
26. Type Electric and Other Logs Run				27. Was Well Cored
GR-DLL w/RXO, GR-CNL/Density logs, GR Corr & CBL				No

28. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
8-5/8" OD	24# K-55	745'	11"	315 SX
5-1/2" OD	15.5# K-55	6245'	7-7/8"	1350 SX

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"OD	5946'	5943'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Sliding Sleeves 6012'-6034' in Pengo Pkrs.		None	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
01/12/79		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
01/14/79	24	48/64"		532	885	0	1664:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr)	
220#			532	885	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 and 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	DATE
<i>[Signature]</i>	Dist. Drlg. Supt.	01/17/79

AMC/AMC/ENG
1-26-79

and from the same from the appropriate section 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 filled in quintuplicate 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. 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 Qizte
T. Glorieta	T. McKee	T. Wise Greenhorn	T. Granite
T. Paddock	T. Ellensburg	T. Dakota	T. T.
T. Blinebry	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 5647'	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 6012' to 6034'	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	From	To	Thickness in Feet	Formation
0	745	745	Surface, Red Bed				
745	3935	3190	Anhydrite				
3935	4820	885	Lime & Shale				
4820	6250	1430	Lime				
4820							