PIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1 ✓
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	1

Form C-105
Revised 11-1-58

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

RECEIVED
SEP 29 1978
O. C. C.
ARTESIA, OFFICE

Bureau of Mines ✓

5a. Indicate Type of Lease: State [X] Fee [ ]
5. State Oil & Gas Lease No.: B-2071-14

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
b. TYPE OF COMPLETION: NEW WELL [X] 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 "H"
9. Well No.: 281
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: UNIT LETTER P LOCATED 200 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 32 TWP. 17S RGE. 28E NMPM
12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8-24-78	9-6-78	9-20-78	3663.4' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6330'	-		→	0-6330'	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 6169-6189' Abo Reef
25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: DLL-RXO, CNL-FDC w/Caliper
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# K-55	600'	11"	330 sx	
5-1/2" OD	15.5# K-55	6330'	7-7/8"	1215 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8" OD	5996'	5996'

31. Perforation Record (Interval, size and number): 6169-6189' (2 JSPF = 40-.44" Holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2800'	Cmt squeeze w/600 sx Howco Lite w/8# salt/sk & 100 sx Cl C w/8# salt/sk.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
9-19-78	Flowing	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
9-22-78	24 hrs	30/64"		233	218	0	936:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
120#	Pkr		233	218	0	44°

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

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 T. Roy Knott TITLE Dist. Drlg. Supt. DATE 9-27-78

INSTRUCTIONS

This form is to be filed with the appropr[illegible] District Office of the Commission not later thar[illegible] days after the completion of any ne[illegible] deepened well. It shall be accompanied [illegible] one copy of all electrical and radio-activity logs r[illegible] the well and a summary of all speci[illegible] ducted, including drill stem tests. All depths reported shall be measured depths. In the case of [illegible]rectionally drilled wells, true vertical [illegible] also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate [illegible] 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 Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	5746	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.	

OIL OR GAS SANDS OR ZONES

No. 1, from 6169' to 6189' 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	918	918	Surface, Red Bed, Anhydrite				
918	3160	2242	Anhydrite				
3160	5067	1907	Anhydrite & Shale				
5067	5150	83	Lime & Shale				
5150	5250	100	Shale				
5250	6256	1006	Lime & Shale				
6256	6330	74	Lime				