

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

Form C-105
Revised 11-74

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

RECEIVED

NOV 27 1978

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
647-349, 647-351	

Bus. of Mines

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WCPK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Form or Lease Name
Empire Abo Unit "H"

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 N LOCATED 1250 FEET FROM THE South LINE AND 1925 FEET FROM

THE West LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM

15. Date Spudded 8/7/78 16. Date T.D. Reached 8/19/78 17. Date Compl. (Ready to Prod.) 9/2/78 18. Elevations (DF, RKB, NT, GR, etc.) 3670.9' GR 19. Elev. Casinghead

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6283'	6248'			0-6283'	

24. Producing Interval(s), of this completion - Top, bottom, Name	25. Was Directional Survey Made
6170-6190' Abo Reef	No

26. Type Electric and Other Logs Run	27. Was Well Cored
GR-N, DLL & RXO w/Cal, Sonic-VDL, CNL-FDC-GR & CBL	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"	24# K-55	750'	11"	415 sx	
5-1/2" OD	15.5# K-55	6283'	7-7/8"	1365 sx	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8" OD	6122'	-

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
6170-6190' (40 - .51" holes)	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	6170-90' 500 gals HCL-LSTNE FE acid flushed w/ 25 BLC.
	6170-90' 1000 gal 10# CaCl wtr, 1000 gal LC, 1500 gal 9.5# 15% HCL-LSTNE-FE acid, flush w/18 BLC

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)						
8/28/78	Flwg						
Well Status (Prod. or Shut-in)							
Prod							
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - BBL	Gas - MCF	Water - BBL	Gas - Oil Ratio
11/19/78	24 hrs	48/64"		74	80	0	1081:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BBL	Gas - MCF	Water - BBL	Oil Gravity - API (Corr.)	
55#	45#		74	80	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 & 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. Dirg. Supt. DATE 11/21/78

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 duplicate 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. Anby	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kiriland-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. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizile
T. Gorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Morrison
T. Blinberry	T. Gr. Wash	T. Todilto	T. Entrada
T. Tubb	T. Granite	T. Bone Springs	T. Wingate
T. Drinkard	T. Delaware Sand	T. Permian	T. Penn. "A"
T. Abo	T. Wolfcamp	T. Chinle	T. Permian
T. Cisco (Bough C)	T. Penn.	T. Cisco (Bough C)	T. Penn.

OIL OR GAS SANDS OR ZONES

No. 1, from 6170' to 6190'	No. 4, from	No. 2, from	No. 3, from
No. 5, from	No. 6, from		

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	No. 2, from	No. 3, from	No. 4, from
feet. to	feet. to	feet. to	feet. to
None encountered			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	689	689	Surface				
689	750	61	Red Bed				
750	1165	415	Lime				
1165	1543	378	Lime & Red Bed				
1543	6283	4740	Lime				
1543							

FIELD Empire Abo COUNTY Eddy OCC NUMBER _____
OPERATOR Atlantic Richfield Co. ✓ ADDRESS P. O. Box 1710, Hobbs, New Mexico 88240
LEASE Empire Abo Unit H WELL NO. 302 SURVEY 1250' FSL &
1200' FWL Sec. 33, T-17S, R-28E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
504	1/4
750	1/2
1239	1/2
1741	1/2
2245	3/4
2748	3/4
3249	1
3752	1
4253	1 1/2
4425	2 1/2
4900	3
5191	3 1/2
5409	3 3/4
5504	3 3/4
5599	3 1/2
5819	4
6038	4 1/4
6300	4 1/4

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
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

_____ day of _____, 1978.

Notary Public in and for _____ County, _____

Margaret B. Anderson