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

Form C-105
Revised 11-1-74

RECEIVED

Barry Mines

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

APR 11 1978

O.C.C.
ARTESIA, OFFICE

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

5a. In Hereto Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	647
7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Farm or Lease Name	Empire Abo Unit "G"
9. Well No.	323

UNIT LETTER	I	LOCATED	1500	FEET FROM THE	South	LINE AND	700	FEET FROM
THE	East	LINE OF SEC.	33	TWP.	17S	RGE.	28E	NMPN

10. Field and Pool, or Wildcat	Empire Abo
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15. Date Spudded	3/12/78	16. Date T.D. Reached	3/25/78	17. Date Compl. (Ready to Prod.)	4/1/78	18. Elevations (DF, RKB, RT, GR, etc.)	3663.9' GR	19. Elev. Casinghead
20. Total Depth	6219'	21. Plug Back T.D.	-	22. If Multiple Compl., How Many		23. Intervals Drilled By	Rotary Tools	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	6197-6219' Abo Reef	25. Was Directional Survey Made	No
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26. Type Electric and Other Logs Run	DDL w/RXO, CNL FDC w/Cal, GR-N, VDL Sonic, CBL-GR Corr log	27. Was Well Cored	No
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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"	345 sx	
5-1/2" OD	15.5# K-55	6197'	7-7/8"		

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6189'	6156'

31. Perforation Record (Interval, size and number)	6197-6219' OH	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		None	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or shut-in)	
4/1/78		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/2/78	23-1/2	48/64"		250	126	0	504:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
80#	Pkr		255	129	0	44°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Sold	Test Witnessed By	N. H. Truitt
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35. List of Attachments	Logs as listed in Item 26 above & Inclination Report
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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 *[Signature]*

TITLE Dist. Drlg. Supt.

DATE 4/5/78

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 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. Anby	T. Canyon	T. Penn. "B"	T. Penn. "B"
T. Salt	T. Strawn	T. Penn. "C"	T. Penn. "C"
T. Salt	T. Aloka	T. Penn. "D"	T. Penn. "D"
T. Yates	T. Miss	T. Leadville	T. Leadville
T. 7 Rivers	T. Devonian	T. Madison	T. Madison
T. Queen	T. Silurian	T. Elbert	T. Elbert
T. Grayburg	T. Montoya	T. McCracken	T. McCracken
T. San Andres	T. Simpson	T. Ignacio Quartz	T. Ignacio Quartz
T. Glorieta	T. McKee	T. Granite	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Dakota
T. Blinberry	T. Gr. Wash	T. Morrison	T. Morrison
T. Tubb	T. Granite	T. Toddlito	T. Toddlito
T. Drinkard	T. Delaware Sand	T. Entrada	T. Entrada
T. Abo	T. Bone Springs	T. Wingate	T. Wingate
T. Wolfcamp	T. Permian	T. Permian	T. Permian
T. Cisco (Bough C)	T. Penn. "A"	T. Penn. "A"	T. Penn. "A"

OIL OR GAS SANDS OR ZONES

No. 1, from	6197	to	6219	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	feet	No. 2, from	feet	No. 3, from	feet	No. 4, from	feet
FORMATION RECORD (Attach additional sheets if necessary)							

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	846	846	Surface				
846	3175	2329	Anhydrite				
3175	3415	240	Anhy & Lime				
3415	3658	243	Lime				
3658	4513	855	Lime & Shale				
4513	6219	1706	Lime				

Parcel No. 1000 COUNTY Rock CCC NUMBER 1000

Tract No. 1000 Section 1000 ADDRESS P. O. Box 1000 Twp. 1000 R. 1000

Tract No. 1000 Section 1000 TRAIL NO. 1000 SURVEY 1000

TABLE OF INFORMATION

<u>SECTION</u>	<u>PERCENT OF INFORMATION (PERCENT)</u>
1000	1/2
1000	1/2
1000	3/4
1000	2 1/2
1000	2 1/2
1000	2 1/4
1000	2
1000	2
1000	2 1/4
1000	2 1/4
1000	1 1/2
1000	2
1000	1 1/2
1000	3 1/2
1000	4
1000	4 1/4
1000	4 1/2
1000	4
1000	4

Continuation of personal knowledge Information 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.

NOTARY EXAMINING CERTIFICATE

BY: [Signature]
William Frederickson
Vice President

Given and subscribed to before me the undersigned authority, on this the 10th day of April, 1978.
William Frederickson Notary Public in and for Rock County, Idaho.
W. F. Frederickson