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Form C-105
Revised 11-1-78

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

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

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Bur. of Mines 1

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐	JUL 25 1978
b. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐	OTHER O.C.C.
2. Name of Operator	ARTESIA, OFFICE	
3. Address of Operator	Atlantic Richfield Company	
4. Location of Well	P. O. Box 1710, Hobbs, New Mexico 88240	
UNIT LETTER I LOCATED 2350 FEET FROM THE South LINE AND 1100 FEET FROM THE East	LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM	

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Firm or Lease Name
Empire Abo Unit "G"
9. Well No.
322
10. Field and Pool, or Wildcat
Empire Abo
11. 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. Casinghead
6/17/78	7/1/78	7/9/78	3665.6' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools Cable Tools
6250'	-		0-6250'	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
6170-6250' OH Abo Reef				No
26. Type Electric and Other Logs Run				27. Was Well Cored
DLL-MSFL, GR-N, Sonic-VDL, CNL-FDC w/Caliper & RFT logs				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	772'	11"	350 sx plus 1 yd Redi-mix	
5-1/2" OD	15.5# K-55	6170'	7-7/8"	1283 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6145'	6145'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
6170-6250' OH	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 (Producing, shut-in)	
7/8/78		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/9/78	24 hrs	26/64"		172	157	0	913:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
90#	Pkr		172	157	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, DST #1 & #2, 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 <u>L. Roy Knott</u>	TITLE <u>Dist Drlg. Supt.</u>	DATE <u>7/24/78</u>
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This form is to be filled 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 3b through 3d shall be reported for each zone. The form is to be filled in quadruplicate 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. Anyh	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 Qizte
T. Clorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. 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	6170	to	6250'	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	to	feet	None encountered
No. 2, from	feet	to	feet	
No. 3, from	feet	to	feet	
No. 4, from	feet	to	feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	70	70	Surface, surface rock				
70	349	279	Red bed, anhydrite				
349	772	423	Red bed				
772	1495	723	Anhy & Lime				
1495	6250	4755	Lime				