

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

Form C-105
Revised 1-1-65

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

RECEIVED

SEP 17 1975

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

1a. TYPE OF WELL										7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER <u>B.C.C.</u> NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER <u>ARTESIA, OFFICE</u>										8. Farm or Lease Name Empire Abo Unit "G"	
2. Name of Operator Atlantic Richfield Company										9. Well No. 311	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240										10. Field and Pool, or Wildcat Empire Abo	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1430</u> FEET FROM THE <u>East</u> LINE AND <u>1350</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>33</u> TWP. <u>17S</u> RGE. <u>28E</u> NNPM										12. County Eddy	
15. Date Spudded 7/21/75		16. Date T.D. Reached 8/15/75		17. Date Compl. (Ready to Prod.) 9/1/75		18. Elevations (DF, RKB, RT, GR, etc.) 3665' GR		19. Elev. Casinghead			
20. Total Depth 6360'		21. Plug Back T.D. 6165'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 0-6360'		Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name 6106-6118' Abo										25. Was Directional Survey Made NO	
26. Type Electric and Other Logs Run Dual Laterolog, Gamma Ray, Micro Laterolog, Compensated GR-Neutron, GR Collar log & Cement Bond Log										27. Was Well Cored Yes	
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#		1000'		11"		390 sx.			
5-1/2" OD		14#		6360'		7-7/8"		1350 sx			
29. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN			
30. TUBING RECORD											
SIZE		DEPTH SET		PACKER SET							
2-3/8" OD		6061'		6031'							
31. Perforation Record (Interval, size and number) 6106-6118' 2 JSPF (25 - .48" holes)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						6210-6223'		4000 gal 15% HCL-LSTNE acid w/paraffi solvent.			
						6210-6223'		Squeezed w/165 sx cmt.			
						6106-6118'		3000 gal 15% HCLSTNE & 4000 gal DAP acid & xylene (50/50 ratio)			
33. PRODUCTION											
Date First Production 9/1/75		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing						Well Status (Prod. or Shut-in) Prod			
Date of Test 9/5/75		Hours Tested 24		Choke Size 32/64"		Prod'n. For Test Period 410		Oil - Bbl. 197		Gas - MCF 7	
Flow Tubing Press. 130#		Casing Pressure Pkr		Calculated 24-Hour Rate 410		Oil - Bbl. 197		Gas - MCF 7		Water - Bbl. 42.2 @ 60° F.	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold										Test Witnessed By Floyd Lowery	
35. List of Attachments Logs as listed in Item 26 & 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>[Signature]</u>						TITLE <u>Dist Drlg. Supv.</u>			DATE <u>9/12/75</u>		

INSTRUCTIONS

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 29 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state lands, 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 _____ 5900'	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	121	121	Surface & Rock				
121	663	542	Red Bed & Anhydrite				
663	2758	2095	Anhydrite				
2758	3143	385	Anhydrite & Lime				
3143	3340	197	Anhydrite				
3340	4755	1415	Anhydrite & Lime				
4755	4817	62	Anhydrite & Lime Shale				
4817	5008	191	Anhydrite & Shale				
5008	5266	258	Lime & Shale				
5266	5481	215	Anhydrite & Shale				
5481	5957	476	Lime & Shale				
5957	6134	177	Lime & Dolomite				
6134	6225	91	Lime				
6225	6298	73	Lime & Dolomite				
6298	6360	62	Lime				
	TD						