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Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease State ☐ Fed. ☒ Fee ☐
5. State Oil & Gas Lease No. Fed. # 14-20-604-1950

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Unit Agreement Name Horseshoe Gallup																			
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		8. Farm or Lease Name Horseshoe Gallup Unit																			
2. Name of Operator Atlantic Richfield Company		9. Well No. 284																			
3. Address of Operator 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203		10. Field and Pool, or Wildcat Horseshoe Gallup																			
4. Location of Well UNIT LETTER "L" LOCATED 2580' FEET FROM THE South LINE AND 295' FEET FROM THE West LINE OF SEC. 35 TWP. 31N RGE. 16W NMPM		12. County San Juan																			
15. Date Spudded Surf 7/16/74 Rotary 7/28/74	16. Date T.D. Reached 7/31/74	17. Date Compl. (Ready to Prod.) 8/13/74 (1st prodn)	18. Elevations (DF, RKB, RT, GR, etc.) 5469' GL																		
19. Elev. Casinghead 5469'	20. Total Depth 1450'																				
21. Plug Back T.D. 1428'	22. If Multiple Compl., How Many _____	23. Intervals Drilled By 120' GL - 1450' KB	24. Producing Interval(s), of this completion - Top, Bottom, Name Gallup 1383-1416'																		
25. Was Directional Survey Made no			26. Type Electric and Other Logs Run Comp. Fr. Dens.; Proximity-Microlog w/ cal; Dual Ind. & Laterolog																		
27. Was Well Cored 1378-1402'			28. CASING RECORD (Report all strings set in well)																		
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT L.B./FT.</th><th>DEPTH SET</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-3/4"</td><td>32#</td><td>117' GL</td><td>12-1/4"</td><td>100 sx Cl. "A"</td><td>None</td></tr><tr><td>4-1/2"</td><td>9.5#</td><td>1449' KB</td><td>7-7/8"</td><td>125 sx Lite, 90 sx Cl. "B"</td><td>None</td></tr></tbody></table>				CASING SIZE	WEIGHT L.B./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8-3/4"	32#	117' GL	12-1/4"	100 sx Cl. "A"	None	4-1/2"	9.5#	1449' KB	7-7/8"	125 sx Lite, 90 sx Cl. "B"	None
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31. Perforation Record (Interval, size and number) 1383-1416' 4 jet shots per foot																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr></thead><tbody><tr><td>1383-1416'</td><td>Acid - See back side</td></tr><tr><td>1383-1416'</td><td>Frac - 36,000# sand & 690 BO</td></tr></tbody></table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	1383-1416'	Acid - See back side	1383-1416'	Frac - 36,000# sand & 690 BO												
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34. Disposition of Gas (Sold, used for fuel, vented, etc.) none			Test Witnessed By J. E. Taylor																		
35. List of Attachments 1 ea #26, Well History, Core analysis																					
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 W. A. Walther, Jr.		TITLE Dist. Prod. & Drlg. Supt.	DATE 11/23/74																		

INSTRUCTIONS

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 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern 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. 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 Qtzite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Morrisson
T. Blinberry	T. Gr. Wash	T. Todillo	T. Entrada
T. Tubb	T. Granite	T. Wingate	T. Bone Springs
T. Drinkard	T. Delaware Sand	T. Chinle	T. Permian
T. Abo	T. Wolfcamp	T. Penn. "A"	T. Cisno (Bough C)

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
1383	1416	33'	gallup - ss w/ shale laminations, gd stain & odor in ss, streaks bleeding oil.
#32 - Acid: Circ'd hole w/ 1% D-600 water, Spotted & 200 gal 15% HCl over perts, pld tbg above perts, pumped 750 gal 7-1/2% HCl w/ 1/8# benzoic acid/gal, followed w/ 750 gal HF acid w/ 1/8# benzoic acid/gal, flushed w/ 1500 gal 5% HCl & 3 bbl wtr.			
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			Thickness in Feet
			To
			From
			Thickness in Feet
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