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Form C-105
Revised 11-1-76

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

RECEIVED

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

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

JUN 23 1978

7. Unit Agreement Name
8. Farm or Lease Name
State BV
9. Well No.
1
10. Field and Pool, or Wildcat
Unidentified South
Empire Morrow Gas

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 J LOCATED 1800 FEET FROM THE South LINE AND 1980 FEET FROM THE East

LINE OF SEC. 25 TWP. 17S RGE. 28E NMPM

11. County
Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (D.F., RKB, RT, GR, etc.)	19. Elev. Casinghead
4/6/78	5/19/78	6/15/78	3688.5' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
10,860'	-		0-10,860'	Cable Tools
24. Producing Interval(s), of this completion -- Top, Bottom, Name				25. Was Directional Survey Made
10,685-10,753' & 10,760-10,765' Morrow Gas				No
26. Type Electric and Other Logs Run				27. Was Well Cored
CNL-FDC w/GR, DLL w/RXO w/Caliper, 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
10-3/4" OD	40.5#	880'	13-3/4"	510 sx	
7-5/8" OD	26.4 & 29.7#	6805'	9-1/2"	1370 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2" OD	6562'	10,860'	895		2-3/8" OD	10,645'	10,645'

31. Perforation Record (Interval, size and number) 10,685-10,753' & 10,760-10,765' = 73 - .50" holes	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)	
6/11/78		Flowing				Shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/15/78	4-pt	Various			802	0	76,400
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
2377#	Pkr			61,145 CAOF	0	58°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Shut in WOPLC	James Cogburn

35. List of Attachments
Logs as listed in Item 26 above, DST & 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 [Signature] TITLE Dist Drlg Supt. DATE 6/22/78

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 conventionally 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. Anhy _____	T. Canyon <u>9133'</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>9455'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>10111'</u>	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. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>7282'</u>	T. Morrow Cycle 4 <u>10,410</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow Cycle 3 <u>10,450</u>	T. Permian _____	T. _____
T. Cisco (Bough C) <u>8618'</u>	T. Morrow Cycle 2 <u>10,606</u>	T. Penn. "A" _____	T. _____
	T. Morrow Cycle 1 <u>10,797</u>		

OIL OR GAS SANDS OR ZONES

No. 1, from 10,685 to 10,765' 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 _____ to 1970' feet. Encountered waterflow @ _____

No. 2, from _____ to _____ feet. 1970' ARO 1 BPM.

No. 3, from _____ to 5800' feet. Encountered waterflow @ _____

No. 4, from _____ to _____ feet. 5800' ARO 1 1/2 BPM

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1047	1047	Surface, surface rock, red bed				
1047	1309	262	Lime				
1309	1540	231	Lime & Sand				
1540	3488	1948	Lime				
3488	3735	247	Lime & Sand				
3735	4169	434	Lime				
4169	4342	173	Lime & Sand				
4342	6206	1864	Lime				
6206	6295	89	Lime & Shale				
6295	6477	182	Lime				
6477	6600	123	Lime & Shale				
6600	7537	937	Lime				
7537	8162	625	Lime & Shale				
8162	10830	2668	Lime & Shale				
10830	10847	17	Shale				
10847	10860	13	Lime & Shale				