

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

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

Form C-105
Revised 11-4-78

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.
6. Unit Agreement Name J. R. Phillips "B"
7. Form or Lease Name 6
8. Well No. Eumont Yates 7 R Queen
10. Field and Pool, or Willcat
11. Lease Name Lea

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

3. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company
4. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM West LINE OF SEC. 31 TWP. 19S RGE. 37E

15. Date of Completion 1-16-79	16. Date of Completion (Ready to Prod.) 8-4-74	17. Date of Completion (Ready to Prod.) 1-19-79	18. Elevation (DT, RKB, RT, GR, etc.) 3605.3' GR	19. Elev. Casinghead
20. Total Depth 4000'	21. Plug Back Depth 3784'	22. If Multiple Complet., How Many	23. Intervals Included by History Tools	24. Cable Tools
24. Production Intervals (at this completion - top, bottom, name) 3364-3600' Yates 7 R Qn.				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run None				27. Was Well Cored No

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#	485'	12-1/4"	350 sx circ. to surf.	
5-1/2" OD	15.5#	3999'	7-7/8"	500 sx TOC @ 2040'	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	3290'	3290'

28. Production Intervals (Interval, size and number)		29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Interval	Size and Number	Depth Interval	Amount and Kind Material Used
3364, 74, 77, 83, 87, 3402, 04, 06, 13, 21, 26, 36, 61, 64, 85, 88, 91, 94, 3539, 45, 53, 82, 94, 96, 3600'. (25-.44" holes)		3364-3600'	4000 gals MSA acid Contg 77000 SCF N ₂ flushed w/2% KCL Contg N
		3364-3600'	Fraced w/16000 gals gelled 3% KCL wtr Contg 70 tons CO ₂ &
			48000# sd.

30. Date First Production 1-18-79	31. Production Method (Flowing, gas lift, pumping - size and type pump) Flowing	32. Well Status (Prod. or Shut-in) Prod.
33. Date of Test 4-4-79	34. Flow Test Results 100#	35. Test Witnessed By Lad Hudry
36. Name of Tester 4	37. Name of Tester Pkr	
38. Name of Tester Various	39. Name of Tester Various	
40. Name of Tester Various	41. Name of Tester Various	
42. Name of Tester Various	43. Name of Tester Various	
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86. Name of Tester Various	87. Name of Tester Various	
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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 on the well and a summary of all special tests conducted, including drill stem tests. All logs 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. Anhy _____ 1133'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1243'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____ 2380'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2530'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2758'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3274'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3610'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 3364 to _____ 3600'	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 _____ feet.	_____
No. 2, from _____ to _____ feet.	_____
No. 3, from _____ to _____ feet.	_____
No. 4, from _____ to _____ feet.	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	490	490	Surface & Red Bed				
490	891	401	Red Bed, Anhydrite & Sand				
891	1476	585	Red Bed				
1476	2476	1000	Salt & Anhydrite				
2476	3337	861	Anhydrite				
3337	3507	170	Lime				
3507	3702	195	Lime & Dolomite				
3702	3950	248	Dolomite				
3950	4000	50	Lime				

APR 12 1979
OIL CONSERVATION COMM.
HOBBS, N. M.