

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

Indicate Type of Lease	
State ☒	Fee ☐
State Oil & Gas Lease No.	
E-1673	

3. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Unit Agreement Name	
5. TYPE OF COMPLETION		NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		8. Farm or Lease Name	
Name of Operator		ARCO Oil and Gas Company		Lea 407 State	
Division of Atlantic Richfield Company				9. Well No.	
Address of Operator		P. O. Box 1710, Hobbs, New Mexico 88240		6	
Location of Well				10. Field and Pool, or Wildcat	
				San Simon Yates North	
UNIT LETTER		C		12. County	
LOCATED		660		Lea	
FEET FROM THE		North			
LINE AND		1980			
FEET FROM					
West		LINE OF SEC. 33 TWP. 21S RGE. 35E NMPM			
14. Date Spudded		15. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
8/31/81		9/15/81		11/4/81	
16. Elevations (DF, R&B, RT, GR, etc.)		19. Elev. Casinghead			
3629.7' GR					
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
4226'		3948'			
23. Intervals Drilled By		Rotary Tools		Cable Tools	
0-4226'					
24. Producing Interval(s), of this completion - Top, Bottom, Name		3787-3895' Yates		25. Was Directional Survey Made	
				No	
26. Type Electric and Other Logs Run		GR-CNL-FDC w/Caliper, GR-DLL-RX0 & Prolog		27. Was Well Cored	
				No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	Conductor Pipe	30'	17½"	2 yds Redi-mix & 50 sx cmt to surf	
8-5/8" OD	24# K-55	1877'	12½"	785 sx	
5½" OD	15.5# K-55	4226'	7-7/8"	850 sx	
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
30. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-3/8" OD	3884'	-			
31. Perforation Record (Interval, size and number)					
3787, 92, 97, 3800, 08, 13, 16, 20, 44, 59, 63, 68, 79, 88, 92, 95' = 16 .50" holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
4139-4195'		1000 gals 15% HCL			
4139-4195'		Squeeze w/150 sx Cl H w/2% CaCl ₂			
3956-4084'		3000 gals 15% NEA			
3956-4084'		Squeeze w/400 sx Cl H w/2% CaCl ₂			
33. PRODUCTION (cont'd on attached Page #2)					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
10/15/81		Pumping - 1½" x 16' stationary bbl.		Prod.	
Date of Test		How's Tested		Choke Size	
11/23/81		24		-	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate	
27#		27#		30	
Oil - Bbl.		Gas - MCF		Water - Bbl.	
30		43		3	
Oil Gravity - API (Corr.)		1433:1			
34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Vented - WOPLC		Test Witnessed By	
				George Benham	
35. List of Attachments					
Logs as listed in item 26 above and 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		TITLE		DATE	
James S. Schmidt		Dist. Drlg. Supt.		12/02/81	

INSTRUCTIONS

AND THE COMPLETION OF THE

This form is to be filled with the appropriate District Office of the Division not later than 30 days after the completion of any new well drilled or
 completed in the field. It shall be completed by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests con-
 ducted, including all burn 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 10 through 34 shall be reported for each zone. The form is to be filled in quadruplicate except on
 more land, where six quadruplicate copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. 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 Ortiz
T. Glorieta	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. Tubbs	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. Ciscce (Bough C)	T. T.	T. Penn. "A"	T. T.

OIL OR GAS SANDS OR ZONES

No. 1, from 3787' to 3895'	No. 4, from	No. 5, from	No. 6, from
No. 2, from	No. 3, from	No. 4, from	No. 5, from
No. 3, from	No. 4, from	No. 5, from	No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	No. 2, from	No. 3, from	No. 4, from
No. 1, from	No. 2, from	No. 3, from	No. 4, from
No. 1, from	No. 2, from	No. 3, from	No. 4, from
No. 1, from	No. 2, from	No. 3, from	No. 4, from

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1010	1010	Surface & Red Bed				
1010	1145	135	Anhydrite				
1145	1186	41	Red Bed & Anhydrite				
1186	1320	134	Red Bed				
1320	1666	346	Red Bed & Anhydrite				
1666	1704	38	Red Bed				
1704	2167	463	Anhydrite				
2167	3485	1318	Anhydrite & Salt				
3485	3830	345	Anhydrite				
3830	4226	396	Dolo & Lime				

Form C-105 (cont'd)

Lea 407 State #6

Item 32 Acid, Shot, Fracture, Cement Squeeze, etc.

Depth Interval

Amount and Kind Material Used

3787-3895'

2000 gals 15% NEA, 40,000 gals Mini-Max III & 88,000# sand