

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

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

E-1673

7. Unit Agreement Name

8. Farm or Lease Name

Lea 407 State

9. Well No.

7

10. Field and Pool, or Wildcat

San Simon Yates, North

12. County

Lea

1. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

2. Name of Operator ARCO Oil and Gas Company

Division of Atlantic Richfield Company

3. Address of Operator

P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

F

LOCATED 1980

FEET FROM THE

North

LINE AND

1980

FEET FROM

THE West LINE OF SEC. 33 TWP. 21S RGE. 35E N14W

15. Date Spudded

11/15/81

16. Date T.D. Reached

11/23/81

17. Date Compl. (Ready to Prod.)

2/26/82

18. Elevations (DF, RKB, RT, GR, etc.)

3624.3' GR

19. Elev. Casinghead

20. Total Depth

4135'

21. Plug Back T.D.

3975'

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools

0-4135'

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

3816-3954' Yates

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CN-CDL, GR-DLL w/Caliper & GR CCL

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
13-3/8" OD	54.5#	30'	17 1/2"	2 yds Redi-mix	
8-5/8" OD	24#	1911'	12 1/2"	1000 sx	
5 1/2" OD	15.5#	4135'	7-7/8"	1100 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8" OD	3953'

31. Perforation Record (Interval, size and number)

3816, 20, 28, 36, 42, 46, 50, 54, 91, 95, 99,
3919, 24, 30, 50, 54' = 16 - .42" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3986-4061'	1600 gals 15% w/additives
3986-4061'	Sqzd w/200 sx Cl H w/3% CaCl
3816-3954'	26,000 gal 15% acid & frac'd w/34 gal gel KCL wtr, 17,000 gal CO ₂ & 129,000# sand.

PRODUCTION		Well Status (Prod. or Shut-in)	
First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Prod.	
2/18/82	Pmpg - 2 1/2 x 1 1/2 x 12' rod		
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
3/10/82	24	64/64"	14
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.
55#	-	14	349

34. Disposition of Gas (Solid, used for fuel, vented, etc.)

Vented

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 Dist. Drlg. Supt.

DATE 3/18/82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 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 _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3804'	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. Faddock _____	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 _____ 3816' _____ to _____ 3954' _____	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. _____	None encountered
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	1375	1375	Surface & Red Bed				
1375	1482	107	Red Bed & Anhydrite				
1482	1734	252	Red Bed				
1734	1911	177	Anhy & Red Bed				
1911	2154	243	Anhy & Salt				
2154	3607	1453	Salt & Anhy				
3607	3997	390	Anhy				
3997	4110	113	Anhy & Lime				
4110	4135	25	Lime				

RECEIVED

MAR 22 1982

O.C.D.
HOBES OFFICE

DEVIATION STATEMENT

OPERATOR: ARCO OIL & GAS COMPANY

WELL NAME: Lea 407 State - Well #7

<u>DATE</u>	<u>DEPTH</u>	<u>DEVIATION</u>
11-16-81	236'	0 degrees
11-16-81	650'	1/4 degrees
11-17-81	1050'	1/4 degrees
11-17-81	1226'	1/2 degrees
11-17-81	1482'	3/4 degrees
11-18-81	1682'	1 degrees
11-19-81	1911'	3/4 degrees
11-21-81	2397'	1 degree
11-21-81	2759'	1 degree
11-21-81	2971'	1 degree
11-22-81	3761'	1 degree
11-24-81	4110'	1 degree

The information given above is true and complete to the best of my knowledge and belief.

BABER WELL SERVICING COMPANY

By: *Robert R. Kemp*

STATE OF NEW MEXICO)
COUNTY OF LEA) ss

The foregoing instrument was acknowledged before me this 11th day of December 19 81, by Robert R. Kemp

Dorothy Young
Notary Public

My commission expires *July 30* 19 83