

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUN 30 1982

5a. Indicate Type of Lease
State ☒ Fee
5. State Oil & Gas Lease No.
B-4456

7. Unit Agreement Name

8. Farm or Lease Name

State BX

9. Well No.

1

10. Field and Pool, or Wildcat
Undesignated
South Empire Morrow

a. 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 Company3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

THE East LINE OF SEC. 35 TWP. 17S RGE. 28E NMPM

12. County

Eddy

15. Date Spudded 1/23/82 16. Date T.D. Reached 3/20/82 17. Date Compl. (Ready to Prod.) 6/4/82 18. Elevations (DF, RKB, RT, GR, etc.) 3657.8' GR 19. Elev: Casinghead

20. Total Depth 10,861' 21. Plug Back T.D. 10,769' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-10,861' Cable Tools

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

10,590-594', 10,704-706', 10,714-722' Morrow Gas

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR DLL, CNL/FDC, Temp Survey, CCL, Sonar Log

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
20"	Cond Pipe	39'	26"	3 yds Redi-mix cmt	
13-3/8" OD	54.5# K-55	811'	17 1/2"	950 sx	
8-5/8" OD	28 & 32# S-80	2713'	11"	1200 sx	
5 1/2" OD	17# K-55 & L-80	10861'	7-7/8"	950 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	10,530'	10,530'

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

10,590-594', 10,704-706', 10,714-722' = 28-.50" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10590-10,722'	2000 gals 7 1/2% HCL w/1000 SCF No bbl. - Frac'd w/15,000 gals gell
	3% HCL acid & 1000 SCF/bbl CO2
	& 13,500# sd.

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5/26/82		Flowing				SI WOPLC	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/16/82	4-pt	Various		0	127	5	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity (API)	
1932#	Pkr		0	762	30	-	

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

Sold

Test Witnessed By

C. Johnson

35. List of Attachments

Logs as listed in Item 26 above & 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 Drlg. Engr.

DATE 6/23/82

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 _____ 9410'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9659'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 10104'	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 _____ 7630'	T. Morrow _____ 10,352'	T. Chinle _____	T. _____
T. Penn. _____	T. Dean _____ 5,370'	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8632'	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 10,590' _____ to _____ 10,722' _____	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 _____ 670 _____ to _____ 811 _____ feet	Water flow ABO 515 BPD to surf.
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	219	219	Surface, Anhy	6551	6612	61	Dolo & Chert
219	678	459	Anhy	6612	6638	26	Dolo
678	704	26	Anhy & Red Bed	6638	6708	70	Dolo & Shale
704	910	206	Anhy	6708	6935	227	Dolo, Lime, Shale
910	967	57	Salt & Anhy	6935	7940	1005	Dolo & Lime
967	2457	1490	Anhy	7940	10861	2921	Lime, Shale, Sd
2457	2535	78	Anhy & Lime				
2535	2630	95	Lime & Anhy				
2630	3658	1028	lime				
3658	3944	286	Lime & Dolo				
3944	4787	843	Dolo & Lime				
4787	5895	1108	Dolo				
5895	6205	310	Dolo, Lime & Shale				
6205	6456	251	Dolo & Lime				
6456	6551	95	Dolo				