

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	

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

10. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

2. Name of Operator
ARCO Oil and Gas Company

8. Farm or Lease Name
Seven Rivers Queen Unit

3. Address of Operator
P.O. Box 1610, Midland, Texas 79702

9. Well No.
72

4. Location of Well

10. Field and Pool, or Wildcat
South Eunice *SK-Qu*

UNIT LETTER C LOCATED 1160 FEET FROM THE North LINE AND 2630 FEET FROM

12. County
Lea

THE West LINE OF SEC. 34 TWP. 22S RGE. 36E NMPM

13. Date Spudded 11-5-86 16. Date T.D. Reached 11-14-86 17. Date Compl. (Ready to Prod.) 12-1-86 18. Elevations (DF, RKB, RT, GR, etc.) 3505.1 RKB

19. Elev. Casinghead

20. Total Depth 3860 21. Plug Back T.D. 3855 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By _____ Rotary Tools 0-3860 Cable Tools _____

25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name
3668-3816 Queen

27. Was Well Cored
No

26. Type Electric and Other Logs Run
GR/CNL/CCL

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	310	12 1/4	200 sx TOC - Circ	---
5 1/2	15.5	3900	7-7/8	900 sx TOC - Circ	---

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3688	---

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<u>3668-3816</u>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		<u>3668-3816</u>	<u>A w/1000 gals. Frac w/</u>
			<u>30,000 gal & 89,500# sd</u>

33. PRODUCTION							
Date First Production <u>12-1-86</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pump</u>				Well Status (Prod. or Shut-in) <u>Prod</u>	
Date of Test <u>12-1-86</u>	Hours Tested <u>24</u>	Choke Size	Prod'n. For Test Period →	Oil - Bbl. <u>138</u>	Gas - MCF <u>52</u>	Water - Bbl. <u>121</u>	Gas - Oil Ratio <u>376</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl. <u>138</u>	Gas - MCF <u>52</u>	Water - Bbl. <u>121</u>	Oil Gravity - API (Corr.) <u>37.6</u>	

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

Test Witnessed By

35. List of Attachments
Logs listed in item 26

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 Ken W. Gosnell TITLE Engr. Tech. Spec. DATE 12-11-86

915-688-5672

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 photo-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 1412	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1580	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt 2980	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3199	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3411	T. Devonian	T. Menefee	T. Madison
T. Queen 3718	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	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 3668 to 3816	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	612	612	Red bed				
612	1828	1216	Red bed & Anhydrite				
1828	2274	446	Anhydrite & Salt				
2274	2997	723	Anhydrite				
2997	3150	153	Anhydrite & Dolomite				
3150	3900	750	Dolomite				

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DEC 15 1986
DISTRICT OFFICE