

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.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
8-1506

1. 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
8. Farm or Lease Name
Seven Rivers Queen Unit

2. Name of Operator
ARCO Oil & Gas Co.
3. Address of Operator
P. O. Box 1610, Midland, Texas 79702

9. Well No.
70
10. Field and Pool, or Wildcat
Langlie-Mattix *5294-65*

4. Location of Well
UNIT LETTER C LOCATED 1310 FEET FROM THE North LINE AND 1330 FEET FROM

12. County
Lea

West LINE OF SEC. 3 TWP. 23S RGE. 36E NMPM

14. Date Spudded 10-11-86 15. Date T.D. Reached 10-20-86 17. Date Compl. (Ready to Prod.) 11-6-86 18. Elevations (DF, RKB, RT, GR, etc.) 3493.0 GR 19. Elev. Casinghead 3493'

20. Total Depth 3900' 21. Plug Back T.D. 3865' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By _____ Rotary Tools ☒ Cable Tools _____

24. Casing Interval (s), of this completion - Top, Bottom, Name 3678-3818' Queen *OK* 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run GR/CNL/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
8.625"	24#	304'	12.25"	280 sx "H" Circ	--
5.5"	15.5"	3906'	7.875"	1100 sx cmt Circ	

LINER RECORD				PUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8"	3850'	

1. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3678-3818' w/20 holes @ 0.50" each		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		3678-3818'	Acddz w/1000 gals 15% NEFE HCL
			Fracd w/30,000 gals X-linked gelled KCl & 9,500# sd

31. PRODUCTION
Date First Production 10-26-86 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing
Date of Test 11-12-86 Hours Tested 24 Choke Size -- Prod'n. For Test Period → Oil - Bbl. 48 Gas - MCF 31 Water - Bbl. 167 Gas - Oil Ratio 646
Flow Tubing Press. 50# Casing Pressure 50# Calculated 24-Hour Rate → Oil - Bbl. 48 Gas - MCF 31 Water - Bbl. 167 Oil Gravity - API (Corr.) 37.6

33. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By George Denhum

35. List of Attachments
Logs as listed

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 *Elizabeth G. Castle* TITLE Sr. Engr. Tech. DATE 11-20-86

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 26 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 in 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 quadruplicate 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 _____ 1318'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1520'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3030'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3190	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3382'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3775'	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. 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 _____ 3678 _____ to _____ 3818 _____	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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet
No. 4, from _____ to _____ feet	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1318	1318	Red Beds				
1318	1520	202	Anhy.				
1520	3030	1510	Salt				
3030	3900	870	Dolomite				

DEC 2 1985
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C. C. HOBBS SURVEY