

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name Seven Rivers Queen Unit
8. Farm or Lease Name Seven Rivers Queen Unit
9. Well No. 59
10. Field and Pool, or Wildcat Eunice 7R Qn South
11. County Lea

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

3. Name of Operator
ARCO Oil and Gas Company
Division of Atlantic Richfield Company

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

6. Location of Well

UNIT LETTER H LOCATED 2575 FEET FROM THE North LINE AND 1275 FEET FROM East LINE OF SEC 27 TWP. 22S RGE. 36E NMPM

13. Date Spudded 2/2/83	16. Date T.D. Reached 2/9/83	17. Date Compl. (Ready to Prod.) 3/15/83	18. Elevations (DF, RKB, RT, GR, etc.) 3502.9' GR	19. Elev. Casinghead
20. Total Depth 3929'	21. Plug Back T.D. 3881'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-3929'	24. Cable Tools
25. Producing Intervals of this completion - Top, Bottom, Name 3807-3842', 3771-3789', 3711-3735' 7R Qn				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run GR-DLL, GR-LTD/CNL w/Cal, GR-EPT, 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
14" OD	Conductor Pipe	30'	17 1/2"	2 yds Redi-mix	
8-5/8"	24# K-55	320'	11"	185 sx	
5 1/2" OD	15.5# K-55	3925'	7-7/8"	1050 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8" OD	3868'	-

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3807, 10, 14, 20, 23, 28, 35, 38, 3842' = 9 .48" holes		3807-3842'	2400 gals 15% NEEF acid
3771, 76, 81, 83, 85, 89' = 6 .48" holes		3771-89'	1500 gals MSR-123 acid
3711, 14, 17, 20, 33, 35' = 6 .48" holes		3711-35'	1500 gals 15% NEEF acid
		3711-3842'	24,000 gals Versagel, 1400 x-linked gel w/60,000# sd, 950 gals KCL wtr.

33. First Production 2/24/83		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1 1/2" x 12' rod				Well Status (Prod. or Shut-in) Prod.	
Date of Test 3/22/83	Hours Tested 24 hrs	Choke Size -	Pred'n. For Test Period →	Oil - Bbl. 19	Gas - MCF 33	Water - Bbl. 99	Gas-Oil Ratio 1737:1
Flow Tubing Press.	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 19	Gas - MCF 33	Water - Bbl. 99	Oil Gravity - API (Corr.) 38°	

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

Test Witnessed by
Morgan Wolfe

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 Elizabeth S. Bush TITLE Drlg. Engr. DATE 3/24/83

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 radioactivity 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 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3211.5'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3437.5'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3736.5'	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 _____ 3711' _____ to _____ 3842' _____	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	30	30	Surface				
30	161	131	Sand & Clay				
161	1525	1364	Red Beds				
1525	1855	330	Red Bed, Sand & Anhy				
1855	2412	557	Anhy, salt, potash				
2412	2734	322	Salt & Anhy				
2734	2945	211	Anhy & Salt				
2945	3049	104	Salt, Anhy, Potash				
3049	3255	206	Salt, Anhy, Lime				
3255	3414	159	Lime & Salt				
3414	3419	5	Lime & Salt				
3419	3590	171	Salt, Anhy, Dolomite				
3590	3850	260	Salt, Anhy, Lime				
3850	3925	75	Dolomite				

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O.C.D.
HOBBBS OFFICE

DESERT DRILLING, INC.
P.O. Box 146
Hobbs, New Mexico 88240

WELL NAME AND NUMBER Arco - Seven Rivers Queen Unit # 59

INCLINATION RECORD

<u>Depth</u>	<u>Deviation</u>
320	$\frac{1}{4}^{\circ}$
415	$\frac{1}{2}^{\circ}$
791	$\frac{1}{2}^{\circ}$
1189	$3\frac{3}{4}^{\circ}$
1599	$3\frac{3}{4}^{\circ}$
2006	$\frac{1}{4}^{\circ}$
2434	$1\frac{1}{2}^{\circ}$
2560	2°
2687	$2\frac{1}{2}^{\circ}$
2913	3°
3009	3°
3101	$3\frac{1}{4}^{\circ}$
3226	$2\frac{1}{4}^{\circ}$
3511	$13\frac{3}{4}^{\circ}$
3925	$1\frac{1}{4}^{\circ}$

Signature Melvin Duncan

State of New Mexico
County of Lea

SWORN AND SUBSCRIBED TO BEFORE ME
BY Melvin Duncan

This 14 Day of February
19 83.

Lew McSweeney
Notary Public

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APR 1 1983

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HOBBS OFFICE