Form C-105
Revised 10-1-78

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 [X]
5. State Oil & Gas Lease No.:

7. Unit Agreement Name:

8. Farm or Lease Name: Seven Rivers Queen Unit

9. Well No.: 69

10. Field and Pool, or Wildcat: South Eunice SA Qn

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

2. Name of Operator: ARCO OIL AND GAS COMPANY

3. Address of Operator: Box 1610, Midland, Texas 79702

4. Location of Well: UNIT LETTER A LOCATED 1170 FEET FROM THE North LINE AND 1140 FEET FROM

12. County: Lea

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

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
10-2-86	10-10-86	10-25-86	3511.0 GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3900	3859		→	0-3900	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 3683-3826 Queen

25. Was Directional Survey Made: NO

26. Type Electric and Other Logs Run: GR/CNL/CCL f/WLTD 3854-2850 w/GR to surf

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
8-5/8	24	310	12-1/4	300sx "H". Circ to surf	
5-1/2	15.5	3900	7-7/8	850sx Did not circ.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	3807	

31. Perforation Record (Interval, size and number): 3683-3826 (16- 0.48" holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3683-3826	A w/1000 gals
	frac w/30,000 gals & 99,500# sd

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
10-25-86	Pumping	Prod

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
10-27-86	24			92	95	160	1033

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
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34. Disposition of Gas (Sold, used for fuel, vented, etc.): sold

Test Witnessed By: George Denhum

35. List of Attachments: Logs 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 10-30-86

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 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	1468	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1630	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2960	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3166	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3313	T. Devonian		T. Menefee		T. Madison	
T. Queen	3693	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. Blinebry		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 ..... to ..... 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	788	788	Red Bed				
788	1083	295	Red Bed & Anhydrite				
1083	1400	317	Red Bed & Salt				
1400	2920	1520	Salt & Anhydrite				
2920	3167	247	Anhydrite				
3167	3900	733	Dolomite				