

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. NM 0897	
1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other <u>SWDS</u>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. REVS. ☐ Other <u>Re-Entry</u>						7. Disposal NAME Lynch Pool SWDS	
2. NAME OF OPERATOR <u>ARCO Oil & Gas Company</u> <u>Division of Atlantic Richfield Company</u>						8. FARM OR LEASE NAME Fletcher A DE Federal	
3. ADDRESS OF OPERATOR <u>P.O. Box 1710, Hobbs, N.M. 88240</u>						9. WELL NO. 4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <u>1980' FSL & 1980' FEL</u> At top prod. interval reported below <u>As Above</u> At total depth <u>As Above</u>						10. FIELD AND POOL, OR WILDCAT <u>Lynch Yates</u> <u>Seven Rivers Queen</u>	
14. PERMIT NO. _____ DATE ISSUED _____						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>27-20S-34E</u>	
15. DATE Re-Entry <u>11-20-80</u> 16. DATE T.D. REACHED <u>12-5-80</u> 17. DATE COMPL. (Ready to inject) <u>12-8-80</u> 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * <u>3696.6' GR</u>						12. COUNTY OR PARISH <u>Lea</u>	
20. TOTAL DEPTH, MD & TVD <u>4000'</u> 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY * _____ 23. INTERVALS DRILLED BY <u>Workover rig</u> 24. INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * <u>Injection 3643-4000' Yates Seven Rivers Queen</u>						13. STATE <u>N.M.</u>	
25. WAS DIRECTIONAL SURVEY MADE <u>No</u>						19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>GR-FDC-CNL</u>						27. WAS WELL CORED <u>No</u>	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13-3/8"OD	48#	65'	16"	50 sx			
5-1/2"OD	15.5#	3643'		1825 sx			
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"OD	3503'	3503'
31. PERFORATION RECORD (Interval, size and number) <u>None - OH 3643-4000'</u>						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
						DEPTH INTERVAL (MD)	
						None	
						AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION							
DATE FIRST <u>Injection</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Salt Water Disposal Well</u>				WELL STATUS (Producing or shut-in) <u>Injecting</u>	
12-8-80							
DATE OF TEST	HOURS Injected	CHOKE SIZE	PROD'N. FOR TEST PERIOD	DIL-BEL.	GAS-MCF	WATER-BBL.	GAS-OIL RATIO
1-13-81	24 hrs.						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	ACCEPTED FOR RECORD		Injected 830 on vacuum	
				PETER W. CHESTER			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY E.E. Erwin	
35. LIST OF ATTACHMENTS <u>Logs as listed in item 26 above.</u>						U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records:							
SIGNED <u>James D. Schmidt</u>		TITLE <u>Dist. Drlg. Supt.</u>		DATE <u>1-15-81</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 31.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
RECEIVED JAN 27 1981 OIL CONSERVATION DIV				Anhy	1568'	
				T. Salt	1775'	
				Base Salt	3355'	
				Yates	3532'	
				Seven Rivers	3657'	