

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 41 R10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-04452																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR ARCO Oil and Gas Company Div of Atlantic Richfield Co.		7. UNIT AGREEMENT NAME Mescalero Ridge Unit 26																			
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, N M 88241-1710		8. FARM OR LEASE NAME Mescalero Ridge Unit 26																			
4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side) At surface 330' FSL & 2030' FWL At top prod. interval reported below as above At total depth as above		9. WELL NO. 9																			
14. PERMIT NO. U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT Pearl Queen																			
15. DATE SPUDDED 11/11/81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 26-19S-34E																			
16. DATE T.D. REACHED 12/02/81		12. COUNTY OR PARISH Lea																			
17. DATE COMPL. (Ready to prod.) 2/11/82		13. STATE N M																			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3729.8' GR		19. ELEV. CASINGHEAD																			
20. TOTAL DEPTH, MD & TVD 5218'		21. PLUG, BACK T.D., MD & TVD 5163'																			
22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4590-4636' Pearl On 4867-69' " 4972-86' "		25. WAS DIRECTIONAL SURVEY MADE No																			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-MLL, DLL w/caliper, GR-CNL/FDC w/caliper & CBL		27. WAS WELL CORED No																			
28. CASING RECORD (Report all strings set in well)																					
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31. PERFORATION RECORD (Interval, size and number)																					
4590, 98, 4602, 13, 24, 30, 36' w/14-48" holes 4867, 69'=4-.48" holes 4972, 74, 84, 86'=8-.50" holes																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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33.* PRODUCTION																					
DATE FIRST PRODUCTION 1/28/82																					
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" x 16' rod																					
WELL STATUS (Producing or shut-in) Producing																					
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																					
TEST WITNESSED BY E. E. Erwin																					
35. LIST OF ATTACHMENTS Logs as listed in item 26 above & Inclination Report.																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED <u>James S. Smith</u> TITLE Dist. Dir. <u>Erwin</u> DATE 3/01/82																					

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

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 analysts, 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 35.

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.

38. GEOLOGIC MARKERS		39. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL PRELIMINARY TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES	
NAME	MEAN DEPTH	TOP	BOTTOM
		FORMATION	DESCRIPTION, CONTENTS, ETC.
Anhydrite	1800'		
T. Salt	1930'		
B. Salt	3350'		
Yates	3575'		
7-Rivers	3890'		
Queen	4580'		