

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

88210 (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company		3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 860' FEL At top prod. interval reported below as above At total depth as above		14. PERMIT NO. DATE ISSUED		5. LEASE DESIGNATION AND SERIAL NO. NM-7713		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME West Red Lake Unit		8. FARM OR LEASE NAME West Red Lake Unit		9. WELL NO. 33		10. FIELD AND POOL, OR WILDCAT Red Lake (QGSA)		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 8-18S-27E		12. COUNTY OR PARISH Eddy		13. STATE New Mexico	
15. DATE SPUDDED 10/2/84		16. DATE T.D. REACHED 10/9/84		17. DATE COMPL. (Ready to prod.) 10/30/84		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3448.1' GR		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 2150'		21. PLUG, BACK T.D., MD & TVD 1980'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-2150'		CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1232-1974' Queen Grbg San Andres		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DIL, GR-CNL/LDT w/Caliper		27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)																													
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED																			
14"		Conductor Pipe		40'		18"		3 yds Redi mix																					
8-5/8" OD		24#		1045'		11"		500 SX																					
5 1/2" OD		14#		2150'		7-7/8"		350 SX																					
29. LINER RECORD																													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD																			
										SIZE		DEPTH SET (MD)		PACKER SET (MD)															
										2-3/8"		OD 1898'		-															
31. PERFORATION RECORD (Interval, size and number)																													
2018,19,24,2027' = 4 .41" holes 1886,96,1902,09,43,48,59,60,66,72,1974' = 11 .41" holes 1232,33,34,35,36,37,40,1241' = 16 .41"holes																													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																													
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 2018-2027' Acid w/2000 gal HCL-NEFE. Cmt sqzd w/75 sx Cl H Neat (cont'd on attached page)																													
33. PRODUCTION																													
DATE FIRST PRODUCTION 10/19/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" x 12' RWTC										WELL STATUS (Producing or shut-in) Prod.																	
DATE OF TEST 1/23/85		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL. 17		GAS—MCF. 70		WATER—BBL. 68		GAS-OIL RATIO 4118:1															
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. 17		GAS—MCF. 70		WATER—BBL. 68		OIL GRAVITY-API (CORR.) 38.00																	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																													
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 Elizabeth L. Bush TITLE Duly Engineer DATE 1/23/85																													

*(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 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.

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			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Grbg San Andres	1010' 1122'	