

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 47-R355.5.C/SF
WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-029426 (a)	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. LESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE RECEIVED	
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company		7. UNIT AGREEMENT NAME DEC 15 1981	
3. ADDRESS OF OPERATOR P. O. Box 1710, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME H. E. West "A. C. D."	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 1980' FEL (Unit G) At top prod. interval reported below as above At total depth as above		9. WELL NO. ARTESIA, OFFICE 11	
14. PERMIT NO. U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT Grayburg Jackson (QGSA)	
15. DATE COMMENCED 10/8/81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 3-17S-31E	
16. DATE T.D. REACHED 10/12/81		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 11/1/81		13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3972' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 3650'		21. PLUG, BACK T.D., MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 3500-3650'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3500-3650' QGSA Open Hole		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CBL, CNL-FDC, DLL Comp Pro Log		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8" OD	24# J-55	817'	12 1/2"
5 1/2" OD	14# J-55	3500'	8"
		New Hole	4-3/4" (3500-3650' TD)
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	3578'	-	
31. PERFORATION RECORD (Interval, size and number) None			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
See Attached Page #1			
33. PRODUCTION			
DATE FIRST PRODUCTION 10/12/81	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" x 1 1/2" X 10' rod pump		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11/2/81	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD OIL—BBL. 5 GAS—MCF. 2 WATER—BBL. 13 GAS-OIL RATIO 400:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE OIL—BBL. 5 GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) 37.2°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Logs as listed in item 26 above			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED JERRY W. SCHMIDT		TITLE U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
		DATE 11/5/81	

* (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, 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 24: 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.

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	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
				Anhydrite	530'		
				Salt	790'		
				Yates	1925'		
				Seven Rivers	2239'		
				Queen	2850'		
				Grayburg	3269'		

H. E. West A #11
Form 9-330 cont'd
11/5/81

Item 32 - Acid, Shot, Fracture, Cement Squeeze, etc.

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
2650'	300 sx Cl C cmt cont'g 4% gel, 200 sx Cl C cmt cont'g 2% CaCl
2650'	200 sx Cl H cont'g 6% gel, 100 sx Cl H cont'g 3% CaCl, 500 gals Flo-chex, 200 sx Cl H cont'g 6% gel, 500 gals Flo-chex, 200 sx Cl H cmt cont'g 3% CaCl.
2650'	500 gals Flo-chex, 300 sx Cl H cmt cont'g 6% gel
3445-52'	200 sx Cl H cmt cont'g 3% CaCl, 5# sd/sk
3442-45'	300 sx Cl H cmt cont'g 3% CaCl, 5# sd/sk