

COPY TO O. C. C.

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 *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC-030133 (b)			
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ other Multiple Completion				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR ARCO Oil and Gas Company Division of Atlantic Richfield Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR Box 1710, Hobbs, New Mexico 88240				8. FARM OR LEASE NAME Langley Deep			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 2310' FWL (Unit letter C) At top prod. interval reported below At total depth as above				9. WELL NO. 1			
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT Langley Devonian Gas			
15. DATE STARTED commenced 12/5/79				12. COUNTY OR PARISH Lea			
16. DATE T.D. REACHED 3/17/78				13. STATE N.M.			
17. DATE COMPL. (Ready to prod.) 3/16/80				18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* 3515.6' GR			
20. TOTAL DEPTH, MD & TVD 15,671'				19. ELEV. CASINGHEAD 0-15,671'			
21. PLUG BACK T.D., MD & TVD 15,590'				22. IF MULTIPLE COMPL., HOW MANY* 2			
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 12,386-12,525' Devonian Gas			
25. TYPE ELECTRIC AND OTHER LOGS RUN				26. WAS DIRECTIONAL SURVEY MADE No			
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	
13-3/8"		54.5#	1425'	17 1/2"	1020 SX		
9-5/8" OD		36#, 40#	6200'	12 1/4"	799 SX		
7" OD		32#, 26#	15670'	8-3/4"	2550 SX		
		23#, 29#					
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"	12,215'	12,209'
31. PERFORATION RECORD (Interval, size and number) 12,386, 402, 11, 19, 27, 37, 49, 61, 70, 84, 96, 12,507, 11, 25' - 1 JSPF - 14 .42" holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 12,386-12,525' AMOUNT AND KIND OF MATERIAL USED 500 gal 10% acetic acid, 5000 gal 15% HCL acid, 40,000 gal 3% HCL w/50,000# rock salt & 476,000 SCF N ₂			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2/22/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Prod		
DATE OF TEST 3/25/80	HOURS TESTED 4-point	CHOKE SIZE 2 1/2" orifice	PROD'N. FOR TEST PERIOD →	OIL—BBL. 33	GAS—MCF. 356	WATER—BBL. 0	GAS-OIL RATIO 10,788:1
FLOW. TUBING PRESS. 2361 - 1836#	CASING PRESSURE 0#	CALCULATED 24-HOUR RATE →	OIL—BBL. 99	GAS—MCF. 1068	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 51.50	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY James Cogburn	
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 _____		TITLE Dist. Drlg. Supt.			DATE 3/28/80		

*(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

FORMATION TOP BOTTOM DESCRIPTION, CONTENTS, ETC.

This information reported 6/5/78 at time of Ellenburger Gas Completion

38. GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

This information reported 6/5/78
at time of Ellenburger Gas completion

RECEIVED

APR 8 1980

OIL CONSERVATION DIV.