

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-055546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Custer Wells

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated Devonian Gas
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

6-25S-37E

12. COUNTY OR PARISH

Lea

13. STATE

N M

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

ARCO Oil and Gas Company

Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, N M 88241-1710

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1810' FNL & 2164' FWL

At top prod. interval reported below As per directional Survey

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4/18/81

16. DATE T.D. REACHED

11/01/81

17. DATE COMPL. (Ready to prod.)

1/07/82

18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*

3239.1' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12,964' MD

21. PLUG BACK T.D., MD & TVD

9594' MD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-12,964'

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9435-9482' Devonian Gas MD

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-DLL w/RXO, GR-CNL- FDC, Dipmeter, DIL CNL/FDL, "Cyberlook" GR-CNL,

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
20" conductor pipe		39'		3 yds Redi-mix	
13-3/8"OD	54 & 61#	1164'	17 1/2"	1058 sx.	none
9-5/8"OD	36#	6180'	12 1/4"	4100 sx	none
7"OD	26 & 29#	12,651'	8-3/4"	3200 sx	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"OD	9412'	9381'

31. PERFORATION RECORD (Interval, size and number)

9435, 36, 41, 43, 52, 63, 66, 68, 72, 76, 82' = 11-.50" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9435-9482'	11,000 gals. 20% NE acid & 1,000 SCF N ₂ /bbl.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/29/81		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/11/82	4-pt	Various	→	86	817	10	9500:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
4-pt Avg. 2100#	pkv	→	516	4,902	60	59° @ 60°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

ACCEPTED FOR RECORD

TEST WITNESSED BY

J. D. Cogburn

35. LIST OF ATTACHMENTS

Logs as listed in item 26 above, directional surveys & Inclination Report.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



J. W. Schmitt

JAN 21 1982

Dist. Drlg. Supt.

DATE 1/12/82

*(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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Yates	2820
				7-Rivers	3038
				Queen	3262
				Grbg	3462
				San Andres	4105
				↑	
				Wolfcamp	8260
				Penn	8595
				Barnett Sh	9110
				Miss Lm.	9340
				Dev	9430'