

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See cover in-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW ☐ WORK ☐ DEEP ☐ PLUG ☒ DIFF. ☐ Other _____
RESV. _____

2. NAME OF OPERATOR
ARCO Permian

3. ADDRESS AND TELEPHONE NO.
P.O. Box 1610, Midland, TX 79702 915-688-5570

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 660' FSL, 1980' FEL FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM-22080

6. INDIAN (ALLOTTEE) TRIBAL NAME _____

7. UNIT AGREEMENT NAME
Adesia, NM 7-23-97

8. FARM OR LEASE NAME, WELL NO.
BARCLAY FEDERAL 1

9. API WELL NO.
30-015-24954

10. FIELD AND POOL, OR WILDCAT
SAND DUNES (NORTH)

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
1. T23S, R31E

12. COUNTY OR PARISH
EDDY

13. STATE
NM

15. DATE SPUNDED 8-20-84 16. DATE T.D. REACHED 10-29-84 17. DATE COMPL. (Ready to prod.) 6-15-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3495 19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD 15,500 21. PLUG, BACK T.D., MD & TVD 14,530 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
14,400-14,414 (MORROW) 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 27. WAS WELL CORED N

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	792	17-1/2	CIRC	NA
10-3/4	45.5	4520	12-1/4	CIRC	NA
7-5/8	33.7	12,600	9-1/2	4100 TS	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	12,233	15,388	550		2-3/8	14055	14056

31. PERFORATION RECORD (Interval, size and number)
14400-14414 - 50 SPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14550	CIBP-20' CEMENT ON TOP
11993-12170	SOZ W/150 SX CEMENT
14400-14414	FRAC W/31000 GAL; 25000 #SD

33.* PRODUCTION

DATE FIRST PRODUCTION 6-18-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 7-11-97	HOURS TESTED 24	CHOKE SIZE 21/64	PROD'N. FOR TEST PERIOD	OIL - BBL. 0	GAS - MCF. 1394	WATER - BBL. 0	GAS - OIL RATIO
FLOW. TUBING PRESS. 1100	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SOLD TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Elizabeth A. Fisher TITLE REGULATORY COMPLIANCE DATE 7-23-97

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

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.
HOLFCAMP	12150	12173	POROSITY ZONE
"	12732	12735	"
ATOKA	13717	13723	"
MORROW	14402	14414	"
..ARROW	14601	14605	"
"	14642	14652	"
"	14818	14833	"

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
LAMAR	4506	(-989')
BONE SPRING	8349	(-4832')
HOLFCAMP	11649	(-8132)
STRAWN	13304	(-9787')
ATOKA	13469	(-9952')
MORROW	14026	(-10509')