

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED

APR 07 1986

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐
2. NAME OF OPERATOR
ARCO Oil and Gas Company, Division of Atlantic Richfield Co.
3. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, TX 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 720' FSL, 930' FEL, Sec. 27, TWP 25N, Rge 3W
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. 30 -039-23915 DATE ISSUED Oct. 29, 1985
15. DATE SPUDDED 11-23-85 16. DATE T.D. REACHED 12-17-85 17. DATE COMPL. (Ready to prod.) 2-18-86 18. ELEVATION (OF, RKB, RT, OR, ETC.)* 7227 GL 19. ELEV. CASINGHEAD 7227
20. TOTAL DEPTH, MD & TVD 8135 21. PLUG, BACK T.D., MD & TVD 8100 22. IF MULTIPLE COMPL., HOW MANY* NA 23. INTERVALS DRILLED BY 10-8135 TD ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota "C" 8024-8042 U. Gallup 6956-7066
L. Gallup 7120-7224
25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-FDC-CNL, GR-DIL-CAL, CBL 27. WAS WELL CORRED No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36#	496	12-1/4	320 sx	0
5-1/2	23#	8135	8-3/4	1552 sx 3-stage	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-7/8	6955	None

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Dakota "C"	8042-8024	18 - .39"	holes	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
L. Gallup	7120-7224	27 - .39"	holes	8042-8024	2000 gal	15% HCL & 71,170 gal Gel w/116,600# sd	
U. Gallup	6956-7066	34 - .39"	holes	7120-7224	3000 gal	13% HCL & 124,278 gal gel w/172,400# sc	
				6956-7066	3500 gal	15% HCL & 93,030 gal gel w/92,500# sd.	

33.* PRODUCTION
DATE FIRST PRODUCTION 2-18-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 3-13-86 HOURS TESTED 24 CHOKED SIZE PROD'N. FOR TEST PERIOD 81 OIL—BBL. 594 GAS—MCF. 7 WATER—BBL. 7333
FLOW. TUBING PRESS. 275 CASING PRESSURE 275 CALCULATED 24-HOUR RATE 81 OIL—BBL. 594 GAS—MCF. 7 WATER—BBL. 44.5 OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS Logs as indicated in Item #26. ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Stephen Rose TITLE Prodn. Supt. DATE 4/13/86

*(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.
Pictured Cliffs	3594'	3730	Calcareous, carbonaceous sandstone, no hydrocarbon shows.
Mesaverde	5282'	5934'	Carbonaceous shales interbedded with glauconitic sandstones. Very minor hydrocarbon shows.
Gallup	6824'	7454'	Silty, shaly, calcareous, glauconitic, tight sandstones. Hydrocarbon shows throughout.
Dakota	7900'	8094'	Medium to coarse grained, poorly cemented sandstone with good oil shows in Dakota "C" sand.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3310'	Same as meas. depth.
Kirtland-Fruitland	3446'	
Pictured Cliffs	3594'	"
Mesaverde	5282'	"
Mancos	5934'	"
Gallup	6824'	"
Base Greenhorn	7855'	"
Dakota	7900'	"

RECEIVED

1-1/4° BUREAU OF LAND MANAGEMENT
1-1/4° FARMINGTON RESOURCE AREA

10

1°

1°

1-1/4° BUREAU OF LAND MANAGEMENT
1-1/4° FARMINGTON, DEPT.

1-1/4° FARMINGTON RESOURCE AREA

1°

1°

 $3/4^\circ$ $3/4^\circ$

1°

1°

1°

1°

 $3/4^\circ$

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken on ARCO Oil and Gas Company, Division of Atlantic Richfield Company's Gardner #1 well, West Lindrith - Gallup/Dakota Field, 720' FSL & 930' FEL, Section 27-25N-3W, Rio Arriba County, New Mexico.

K.L. Flinn
K.L. Flinn
Drilling Analyst

K.L. Flinn
Drilling Analyst

Analyst
RECEIVED
APR 16 1958
SAC CON. DIV.
DET. 3

Before me, the undersigned authority, on this day personally appeared, K.L. Flinn, known to me to be the Drilling Analyst for ARCO Oil and Gas Company, Division of Atlantic Richfield Company, and to be the person whose name is subscribed to the above statement, who, being duly sworn on oath, states that she has knowledge of the facts stated herein, and that said statement is true and correct.

Subscribed and sworn to before me, a Notary Public in and for said County and State this 19th day of February, 1986.

Rita L. Gatti

My Commission Expires Nov. 4, 1988