

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

NM 04075

IF INDIAN, ALIQUOT OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

C. R. Leeson Ranch

WELL NO.

ARCO H111 #2

FIELD AND POOL, OR WILDCAT

W. Lindrith-Gallup/Dakota

SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

22-25N-3W

COUNTY OR
PARISH
Rio Arriba

STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ Other APR 23 1986

2. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REMOVAL ☐ Other

3. NAME OF OPERATOR
ARCO Oil and Gas Company, Division of Atlantic Richfield Co.

4. ADDRESS OF OPERATOR
P. O. Box 1610, Midland, TX 79702

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

At surface 970' FSL & 990' FWL

At top prod. interval reported below

At total depth

API #30-039-23914

16. PERMIT NO. DATE ISSUED
BLM 10-29-85

12. COUNTY OR
PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 11-2-85 16. DATE T.D. REACHED 12-14-85 17. DATE COMPL. (Ready to prod.) 2-22-86 18. ELEVATIONS (DP, RKB, RT, OR, ETC.)* 7335' GL; 7349' KB 19. ELEV. CASINGHEAD 7335'

20. TOTAL DEPTH, MD & TVD 8255' 21. PLUG BACK T.D., MD & TVD 8235' 22. IF MULTIPLE COMPL., HOW MANY? 1 23. INTERVALS DRILLED BY ROTARY TOOLS 0-8255' CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 8186'-820'; L. Gallup 7270'-7384'; U. Gallup 7130'-7214'

25. WAS DIRECTIONAL
SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL/GR; DIL/SFL/GR/Cal

27. WAS WELL CORED
No

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#	525' KB	12-1/4	300 sx	---
5-1/2	23#	8246' KB	8-3/4	2727 sx - 3 stage	---

LINES RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None.					2-7/8"	7052'	---

PERFORATION RECORD (Interval, size and name)				ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Dakota	8186'-8220'			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
L. Gallup	7270'-7384'			8186'-8220'	3000 gal 15% HCL & 60 ball sealers
U. Gallup	7130'-7214'			8186'-8220'	88,590 gal fluid & 120,500# sd
				7270'-7384'	71 bbl 15% HCL & 50 ball sealers
				7270'-7384'	117,684 gal fluid & 170,500# sd

PRODUCTION (Continued on back.)							
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
				Pump 2" x 1-1/2" x 16'			
DATE OF TEST		HOLES TESTED	CHOSE SIZE	PROD. FOR TEST PERIOD	OIL—BBL	GAS—MCF	WATER—BBL
2-22-86		24	3/4"		23	66	38
FLOW, TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	WAS-OIL RATIO
125		---		23	66	38	2870

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

35. LIST OF ATTACHMENTS
Daily Well History, Logs as listed in Item #26.

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

SIGNED [Signature] TITLE Prodn. Supt DATE 4/16/86

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

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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, flowing and shut-in pressures, and recoveries);					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	3750'	3854'	Calcareous, carbonaceous sandstone, no hydrocarbon shows.		Ojo Alamo	3454'	Same as me. depth.
Mesaverde	5426'	6090'	Carbonaceous shales interbedded with glauconitic sandstones. Very minor hydrocarbon shows.		Kirtland-Fruitland	3546'	"
Gallup	6948'	7592'	Silty, shaly, calcareous, glauconitic, tight sandstones. Hydrocarbon shows throughout.		Pictured Cliffs	3750'	"
Dakota	8041'	8236'	Medium to coarse grained, poorly cemented sandstone with good oil shows in Dakota "C" sand.		Mesaverde	5426'	"
					Mancos	6090'	"
					Gallup	6948'	"
					Base Greenhorn	7996'	"
32. Acid, Shot, Fracture. Cement Squeeze, etc.					Dakota	8041'	"
7130'-7214'	3486 gal 15% HCL & 60 BS						
7130'-7214'	89,792 gal fluid & 110,100# sd.						