

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*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____
2. NAME OF OPERATOR
ARCO Oil and Gas Company, A Division of Atlantic Richfield Co.
3. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1130' FNL and 330' FEL
At top prod. interval reported below
At total depth approximately the same

RECEIVED

JAN 05 1987

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. API # 30-039-24096
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
SF - 080472 - A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
7. UNIT AGREEMENT NAME
NA
8. FARM OR LEASE NAME
Tonkin Federal
9. WELL NO.
6
10. FIELD AND POOL, OR WILDCAT
W. Lindrith/Dakota
11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 18-T24N-R3W

12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM

15. DATE SPUDDED 11/18/86
16. DATE T.D. REACHED 11/28/86
17. DATE COMPL. (Ready to prod.) 12/30/86
18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 6864' GR, 6878.5' RKB
19. ELEV. CASINGHEAD 6065.5'
20. TOTAL DEPTH, MD & TVD 7602'
21. PLUG BACK T.D., MD & TVD 7540'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7404-7430' - Dakota "C"
7204-7250' - Dakota "A"
25. WAS DIRECTIONAL SURVEY MADE
No
26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/GR/Cal, FDC/CNL
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)						CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD				
9-5/8"	53.5-36	435'	12-1/4"	230 sx "B"				Circ to Surf
5-1/2"	DV Collar	4479'						
5-1/2"	17#	7582'	7-7/8"	700 sx 50/50 - 1st stage				Circ to
				650 sx 65/35 - 2nd stage				Surface

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7152'	7112'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7404-7430' - 2 JSPF = 52 holes, all fired		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7204-7250' - 2 JSPF = 92 holes, all shots fired		7404-7430'	108,100# 20/40 sand
			78,960 gal gel wtr
		7204-7250'	100,000 gal gel wtr
			155,000# 20/40 sand

33.* PRODUCTION
DATE FIRST PRODUCTION 12/21/86
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing
WELL STATUS (Producing or shut-in) Shut-in (ready to flow)
DATE OF TEST 12-28-86
HOURS TESTED 19
CHOKE SIZE
PROD'N. FOR TEST PERIOD
OIL—BSL. 82.2
GAS—MCF. TSTM
WATER—BSL. 54.7
GAS-OIL RATIO TSTM
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE
OIL—BSL. 103.8
GAS—MCF.
WATER—BSL. 69.1
OIL GRAVITY-API (CORR.) 40.5

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

35. LIST OF ATTACHMENTS
Well logs listed in No. 26, and deviation surveys

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

SIGNED _____ TITLE Drilling Analyst Supv. DATE 12-30-86

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE
						VERT. DEPTH
				Ojo Alamo	2383'	
				Kirkland	2753'	
				Fruitland	2925'	
				Pictured Cliffs	3028'	
				Lewis Shale	3143'	
				Cliffhouse	4663'	
				Menefee	4693'	
				Pt. Lookout	5174'	
				U. Mancos	5354'	
				Gallup	6268'	
				L. Mancos	6968'	
				Greenhorn	7155'	
				Graneros	7225'	
				Dakota "A"	7202'	
				Dakota "B"	7268'	
				Dakota "C"	7368'	

38. GEOLOGIC MARKERS