

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
back of form)

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

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 146

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 146

9. WELL NO.

21 R

10. FIELD AND POOL, OR WILDCAT

Otero Chacra

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

SE/SW Sec 3, T25N, R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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. RESER. ☐ Other ☐

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 88401

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

At surface 1030' FSL x 1470' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

DIST. 3

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

11-6-85

11-19-85

1-18-86

18. ELEVATIONS (DE. RKB, RT, GR, ETC.)

6666' KB

19. ELEV. CASINGHEAD

6651' CR

20. TOTAL DEPTH, MD & TVD

7650'

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

7547'

22. IF MULTIPLE COMPL., HOW MANY?

Dual

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

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

3816'-3838' Otero Chacra

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction-SP-GR, Density-Neutron-GR-Caliper

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 FILLED
8 5/8"	24# K-55	312'	12 1/4"	354 cu. ft. Class B Portland	
4 1/2"	10.5# 11.6# K-55	7650'	7 7/8"	719 cu. ft. Class B 65:35 poz	
				801 cu. ft. Class B 50:50 poz	
				1054 cu. ft. Class B 65:35 po over	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	3898'
						Sliding Sleeve	3863'

31. PERFORATION RECORD (Interval, size and number)

3816'-3838', 4 jspf, .38" dia, 88 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3816'-3838'	60,000 gal 70 quality foam & 115,000# 12-20 mesh brady sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-27-86		Flowing Up Casing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-28-86	3	.75"	→		190		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	119 psig	→		1518			

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

To be sold

TEST WITNESSED BY

Joe Elledge

35. LIST OF ATTACHMENTS

None

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

FEB 18 1986

SIGNED

BSShaw

TITLE

Adm. Supervisor

DATE 2-7-86

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

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	TRUE VERT. DEPTH
Joe Alamo	2400'	2490'				
Pictured Cliff	2928'	2995'				
Shacara	3806'	3851'				
Cliffhouse	4550'	4620'				
Menefee	4620'	5130'				
Pt. Lookout	5130'	5300'				
Gallup	6138'	6660'				
Greenhorn	7024'	7078'				
Dakota	7104'	7469'				