

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
SP-078767

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rosa Unit

8. FARM OR LEASE NAME, WELL NO.
#125

9. API WELL NO.

30-039-25144

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 13, T31N-R6W

12. COUNTY OR PARISH
Rio Arriba13. STATE
NM

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. REMVR. ☐ Other _____

2. NAME OF OPERATOR

Amoco Production Company Attn: Ed Hadlock

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800 Denver, CO 80201 (303) 830-4982

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

At surface 970 FNL, 1190' FE: MW/NE Unit "B"

At top prod. interval reported below Irregular Section NSP 1638 (L)

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 11/8/91 16. DATE T.D. REACHED 12/5/91 17. DATE COMPL. (Ready to prod.) 9/25/92 * 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 6491' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8242 21. PLUG BACK T.D., MD & TVD 8230 22. IF MULTIPLE COMPL. HOW 23. INTERVALS SPUDDED BY b-TD 24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME AND TVD)*

Dakota (7942-8174)

OCT 01 1992

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/CAL/NGT/GR/FDC/CNL/CBL/GR/CCL

OIL CON. DIV.

27. WAS WELL CORRED

Yes

28. CASING RECORD (Report all strings in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	416	12 3/4"	400 sx Class B	18 BBLs
7 5/8"	24.6#	4225	9 7/8"	1st stage 555 sx 2nd stage 950 sx	135 BBLs

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4.5"	2524'	8241	875 SX		2 3/8"	8046	

31. PERFORATION RECORD (Interval, size and number)

See Attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7942-8174	See Attachment

33. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) SI/Pending IP test & 1st delivery

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
**			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
400	1000	→					

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

*Well capable of commercial production

35. LIST OF ATTACHMENTS

Remedial cementing Perf & Frac Summary

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

SIGNED

Ed Hadlock

TITLE

Admin Analyst

DATE

SEP 29/92/92

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

FARMINGTON RESOURCE AREA

Title 18 U.S.C. Section 1091 makes it a crime for any person to knowingly and willfully to make to any Government or agency of the

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
				Fruitland	3170	
				P.C. (tongue)	3330	
				Pictured Cliffs	3510	
				Lewis	44025	
				Cliff House	5232	
				Menefee	5588	
				Point Lookout	5826	
				Mancos	6310	
				Greenhorn	7843	
				Graneros	7900	
				Dakota	8008	
				Burro Canyon	8172	

38. GEOLOGIC MARKERS

REMEDIAL CEMENT WORK:

SET 7 5/8" PKR @ 2430'. SQUEEZE LINER TOP W/ 320 SX CLASS B. DISPLACE W/ 11.25 BBLs. DRILL OUT CMT 2462'-2542'. TOH W/ PKR. PRESSURE TEST TO 2500#. TIH W/3.75" BIT TO 8230'. DISPLACE HOLE W/ 2% KCL.

PERFORATE DAKOTA:

PERF 8158'-8160' W/8 JSPF, .31 INCH DIAMETER, 16 SHOTS, OPEN

PERF 8072'-8094' W/4 JSPF, .31 INCH DIAMETER, 88 SHOTS, OPEN

MINIFRAC DAKOTA:

SET RBP @ 8096'. FRAC #1: PMP 109 BBLs TO LOAD HOLE. START FRAC @ 4750 PSI, 41 BPM. ENDING PRESSURE 3847 PSI. SI 4 HOURS. FRAC #2: LOAD HOLE W/ 115 BBLs. FRAC @ 20 BPM-4300 PSI, 30 BPM-4600 PSI, 40 BPM 4800 PSI. FLUSH W/ 120 BBLs @ 4830 PSI. TOH W/ RBP.

PERFORATE DAKOTA:

PERF 8152'-8174' W/4 JSPF, .31 INCH DIAMETER, 88 SHOTS, OPEN

PERF 8140'-8146' W/4 JSPF, .31 INCH DIAMETER, 24 SHOTS, OPEN

PERF 8110'-8124' W/4 JSPF, .31 INCH DIAMETER, 56 SHOTS, OPEN

PERF 8077'-8079' W/8 JSPF, .31 INCH DIAMETER, 16 SHOTS, OPEN

PERF 8026'-8044' W/4 JSPF, .31 INCH DIAMETER, 72 SHOTS, OPEN

PERF 7942'-7949' W/8 JSPF, .31 INCH DIAMETER, 32 SHOTS, OPEN

FRAC DAKOTA:

FRAC WELL W/ 130499 GAL X-LINK GELLED 2% KCL H2O AND 411000# 20/40 OTTAWA SAND. LOW RATE 47.8 BPM. HIGH RATE 60 BPM. AVE 53.9 BPM. START PRESS. 3850 PSI. END PRESS. 5500 PSI. SI PRESS. 240 PSI.