

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078096

6. IF INDIAN, ALIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Mudge "C" #1

9. API WELL NO.

30-045-23951

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 9, T31N-R11W

12. COUNTY OR PARISH

San Juan

13. 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. REVR. ☐ Other Recompletion

2. NAME OF OPERATOR

Amoco Production Company

Attn: J.L. Hampton

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800 Denver, Colorado 80201 (303) 830-5025

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

At surface 890' FSL, 1015' FWL Unit "M"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SHUDDER

5/19/80

16. DATE T.D. REACHED

5/31/80

17. DATE COMPL. (Ready to prod.)

1/17/92

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

6106'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7481'

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

2966'

22. IF MUD LOGS, HOW

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

Fruitland Coal 2504'-2748'

26. TYPE ELECTRIC AND OTHER LOGS RUN

ND/GR, VDL, CCL

27. WAS WELL CORRED

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7 5/8"	36#	254'	13 3/4"	175 sx TOC: Surface	
7"	23#	3215'	8 3/4"	650 sx TOC: 500'	
4 1/2"	10.5#, 11.6#	7480'	6 1/4"	490 sx TOC: 3493'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3493'	7480'	490		2 3/8"	2754'	

31. PERFORATION RECORD (Interval, size and number)

(See Attached)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2950'-7480'	430 sx Cl G continuous plug
2504'-2748'	Frac Fruitland Coal
	(See Attached)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12/23/91	Flowing	SI-Waiting on 1st Deliver

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/29/91	24	22/64	→	0	410	15	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250	370	→	0	410	15		

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

to be sold

35. LIST OF ATTACHMENTS

Perforation/Frac procedures

36. I hereby certify that the foregoing and attached information is complete and correct as determined by the BUREAU OF LAND MANAGEMENT

SIGNED J.L. Hampton TITLE Sr. Staff Admin. DATE 5/7/92

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPT
				Fruitland Coal Pictured Cliffs Greenhorn Garneros Dakota	3380' 2750' 7018' 7084' 7218'	

AMOCO PLUGGED OFF THE DAKOTA FORMATION AND RECOMPLETED TO THE FRUITLAND COAL FORMATION AS FOLLOWS:

PLUG OFF DAKOTA:

SHOT 4 HOLES @ 4000'. SET 4" CMT RETAINER @ 3850. MIX & PUMP 350 SX OILWELL CL G CMT. DISPLACE TO RETAINER. NO RETURNS UP BACKSIDE. FEED RATE OF 32.5 BPM @ 650 PSI. PLACE CMT PLUG FROM 3850 TO 2950 USING 80 SX OILWELL CL G. @ 3.2 BPM, 980 PSI.

PERFORATE FRUITLAND COAL:

2504'-2508'	W/8 JSPF, .50 INCH DIAMETER,	32 SHOTS, OPEN
2668'-2674'	W/8 JSPF, .50 INCH DIAMETER,	48 SHOTS, OPEN
2678'-2881'	W/8 JSPF, .50 INCH DIAMETER,	32 SHOTS, OPEN
2719'-2723'	W/8 JSPF, .50 INCH DIAMETER,	32 SHOTS, OPEN
2725'-2740'	W/8 JSPF, .50 INCH DIAMETER,	120 SHOTS, OPEN
2744'-2748'	W/8 JSPF, .50 INCH DIAMETER,	32 SHOTS, OPEN

FRAC THE FRUITLAND COAL WITH:

3,402 BBLS SLICK WATER PAD
21,380# 40/70 SAND WITH 467 BBLS SLICK WATER
176,400# 20/40 SAND WITH 1,365 BBLS SLICK WATER
94 BBLS FLUSH
AIP 1250 PSI, AIR 95 BPM