

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

SF-078336B

IF INDIAN, ALLOTTEE OR TRIBE NAME

LEASEE NAME

LEASEE NAME

Barrett "A"

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal Gas

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

Sec. 20, T31N-R9W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Coal Seam

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other

2. NAME OF OPERATOR

Amoco Production Company Attn: John Hampton

3. ADDRESS OF OPERATOR

P.O. Box 800, Denver, Colorado 80201

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

At surface 1070' FNL, 1490' FEL, NW/NE

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

30 045 27924

6/19/90

15. DATE STUDDER

8/10/90

16. DATE T.D. REACHED

8/14/90

17. DATE COMPL. (Ready to prod.)

12/20/90

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

6311' GR

20. TOTAL DEPTH, MD & TVD

3341'

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

3297'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

no

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

2844'-3143' Fruitland Coal

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Caliper, Density Gamma Ray, Micro logs.

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 PULLED
9 5/8"	36#	266'	12 1/4"	143sx Cl B w/2% CACL2	0
5 1/2"	17#	3339'	8 3/4"	(1st stg)40sx Cl B howco	0
DV tool Set @ 2528'		lite 65/35 poz,	tail w/200sx Cl B howco Standard,	(2nd stg)620sx	standard.
		Cl B howco lite 65/35poz,	tail W/60sx Cl B howco		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2843'	

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
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION 12/4/90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					WELL STATUS (Producing or shut-in) SI/WO/Pipeline	
DATE OF TEST 12/18/90	HOURS TESTED 24	CHOKE SIZE .375	PROD'N. FOR TEST PERIOD →	OIL—BDL. 0	GAS—MCF. 25	WATER—BDL. 8		GAS-OIL RATIO
FLOW. TUBING PRESS. 40	CASING PRESSURE 360	CALCULATED 24-HOUR RATE →	OIL—BDL. 0	GAS—MCF. 25	WATER—BDL. 8		OIL GRAVITY-API (CORR.)	

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

To Be Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Prof spec info. and Cement Reports.

AMOCO

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

SIGNED

John Hampton/CS

TITLE

Sr. Staff Admin. Supv

DATE 1-14-91

*(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):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
					Fruitland Pictured Cliffs	2839' 3168'	

Perf: 2844'-2846', W/4 JSPP, .49" diam., 8 shots open.
 12/2/90 2878'-2880', " " 8 shots open.
 2929'-2934', " " 20 shots open.
 2968'-2971', " " 12 shots open.
 2973'-2981', " " 32 shots open.
 2988'-2997', " " 36 shots open.
 3000'-3002', " " 8 shots open.
 3004'-3006', " " 8 shots open.
 3012'-3014', " " 8 shots open.
 3040'-3052', " " 48 shots open.
 3088'-3091', " " 12 shots open.
 3128'-3134', " " 24 shots open.
 3136'-3138', " " 8 shots open.
 3140'-3143', " " 12 shots open.

Frac: 12/4/90 2844'-3143'

Frac down casing with 132,426 gal slick water pad, 42000 gal slick water,
 18300# 40/70 brady sn, 48000# 20/40 brady sn, ALR 94BPM, AIP 3300psi.

Perf: 12/6/90

1974'-1975', W/2 JSPP, .46" diam., 2 shots open.

Squeeze: 1974'-1975'

Pumped 480sx Cl B Pacesetter lite 65/35, tail with 60 sx Cl B neat.
 Disp. with 9 BFW. Circulate 18 BBI cement to pit.