

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in
situations on
reverse side)

Form approved.

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

LEASE DESIGNATION AND SERIAL NO.

SF-078319 A

IF INDIAN ALLOTTEE OR TRIBE NAME

INDIAN NAME

S. FARM OR LEASE NAME

Riddle Gas Com "A"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal Gas

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

Sec. 29, T31N-R9W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER ☐ 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 any State requirements)*

At surface 1840' FSL, 1350' FWL, NE/SW

FEB 19 1991

At top prod. interval reported below

At total depth

14. PERMIT NO. DIST. 3

30 045 27843

5/24/90

15. DATE STUDDED

8/6/90

16. DATE T.D. REACHED

8/9/90

17. DATE COMPL. (Ready to prod.)

12/11/90

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

6289' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3274'

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

3254'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

no

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

2887'-3074' 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
8 5/8"	24#	285'	12 1/4"	325sx Cl B ashgrove W/28	0
5 1/2"	15.5#	3257'	7 7/8"	50sx Cl B howco lite 65/35	0
DV Tool set @ 2564'				tail w/200sx Cl b Howco standard ideal.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2978'	

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		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
11/11/90		Flowing				SI/WO/Pipeline	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
12/11/90	24	32/64	→	0	27	15	
FLOW, TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
80	440	→	0	27	15		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Perf, Frac infor. and Cement reports

NMOCD

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

SIGNED

John Hampton/gja

TITLE

Sr. Staff Admin. Supv.

DATE

1/7/91

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 Pictured Cliffs	2748' 3100'	

Perf: 11/5/90

3054'-3074', W/4 JSPF, .5" diam., 80 shots open.

Frac 11/6/90 3054'-3074'

Frac down casing with 184842 gal slick fresh water, 44000# 40/70 sn,
54000# 20/40 sn, AIR 62 BPM, AIP 2350psi.

Perf: 11/7/90

2887'-2891', W/4 JSPF, .5" diam., 16 shots open.

2910'-2916', W/4 JSPF, .5" diam., 24 shots open.

2922'-2928', W/4 JSPF, .5" diam., 24 shots open.

2941'-2955', W/4 JSPF, .5" diam., 56 shots open.

2957'-2963', W/4 JSPF, .5" diam., 24 shots open.

2984'-2989', W/4 JSPF, .5" diam., 20 shots open.

2994'-2996', W/4 JSPF, .5" diam., 8 shots open.

Frac: 2887'-2891' 11/11/90

Frac down casing with 178164 gal slick water, 12900# 40/70 sn,
100300# 20/40 sn, AIR 85 BPM, AIP 1700psi.

Perf: 11/12/90

2414'-2414', W/2 JSPF, .5" diam., 2 shots open.

Squeeze: 11/12/90 Squeeze 100 sx Cl B @ 15.6 PPG to SQ perfs, final SQ pressure 1000psi.
Did not circ. out bradenhead.

Perf: 11/13/90

2264'-2264', W/4 JSPF, .5" diam., 4 shots open.

Squeeze: 11/13/90 Pump 900sx Cl B @ 15.6 PPG, AIR 3 BPM, no returns thru bradenhead.
Final SQ pressure 1000psi.

11/16/90 Test Sq perfs 2264' to 1000psi, OK.

Test SQ perfs 2414; to 1000psi, OK.

Run CBL est. top of cement @ 2170'.

Perf: 11/17/90 2142'-2143', W/2 JSPF, .5" diam., 2 shots open.

Squeeze: 11/17/90

Pump 44 BFW with 450sx Cl B cement, Circulate 22sx cement to pit.