

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

Coal Seam

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

ATTN: J. L. 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
1400' FNL, 1720' FEL, SW/NE

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1400'

16. NO. OF ACRES IN LEASE

2711.00 25/2

17. NO. OF ACRES ASSIGNED
TO THIS WELL.

320 acres E/2

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2709' TD

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5837 5838' GR

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

GENERAL QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)
7 7/8"	5 1/2"	17#	2709' (TD)	758 cf (cement to surface)

Notice of Staking was submitted: 6/13/90 - Restaked 6/13/90 to the above location (See plat attached.)

Lease Description:

T31N-R11W:

Sec. 8: E/2

Sec. 9: All

Sec. 14: S/2 SE/4, NE/4 SE/4, SE/4 NE/4

Sec. 17: E/2

Sec. 20: Lots 1-6, N/2 NE/4

Sec. 21: Lots 1-6

Sec. 23: W/2 NE/4, E/2 NW/4, NE/4 SW/4, NW/4 SE/4, SE/4 NE/4, E/2 SE/4

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

J. L. Hampton

SIGNED

J. L. Hampton / cub

TITLE Sr. Staff Admin. Supv.

DATE

7/6/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AMENDED

*See Instructions 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.

Amoco proposes to drill the well to further develop the Fruitland Coal reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the total depth with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used (please see attached BOP information). The well will be completed in the Fruitland Coal with a fracture stimulation.

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cementing Program</u>
<u>SURFACE CASING</u>				
250'	8-5/8"	24#	K55 ST&C	250 cf Class B, 2% CaCl ₂ 15.6 ppg
<u>INTERMEDIATE STRING</u>				
2709	5.5"	17#	K55 ST&C	758 cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl ₂ 15.6 ppg

The above casing design is based upon a 11.0#/gal mud weight.

EVALUATION

The log surveys (FDC/GR/CAL, Microlog) will be run per attached drilling and completion program.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease NYE GAS COM /D/		Well No. # 1
Unit Letter G	Section 23	Township 31 NORTH	Range 11 WEST	County NMPM	SAN JUAN
Actual Footage Location of Well: 1400 feet from the NORTH line and 1720 feet from the EAST line					
Ground level Elev. 5827	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal Gas		Dedicated Acreage: E/2 320 ACRES

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

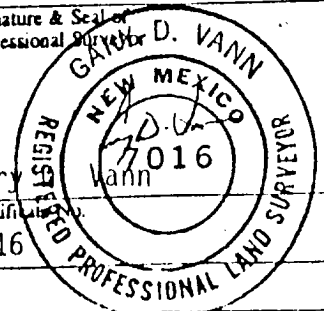
Signature *JL Hampton/ceb*
Printed Name *JL Hampton*
Position *Sr Staff Admin Supr*
Company *Amoco Prod*
Date *6-27-90*

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed *June 13, 1990*

Signature & Seal of Professional Surveyor
GARY D. VANN
7016
7016

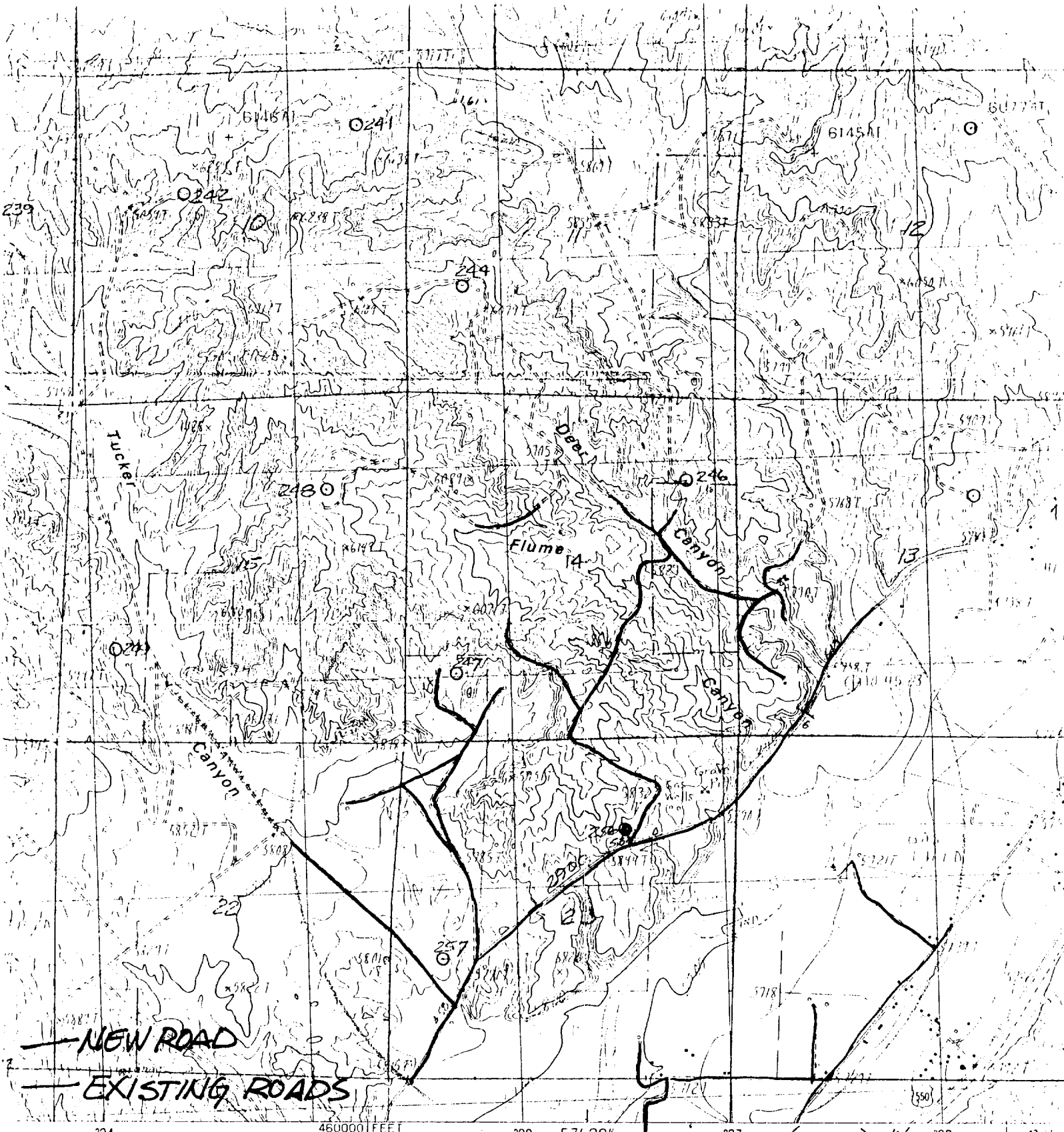


RECEIVED

AUG 13 1990

OIL CON. DIV
DIST. 3

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



S. GEOLOGICAL SURVEY
 USGS, NOS/NOAA
 F.N. 1981
 DATED 1985
 TRANSVERSE MERCATOR
 MERCATOR ZONE 13
 NEW MEXICO, WEST ZONE
 COLORADO, SOUTH ZONE
 146° WEST
 12° EAST
 VERTICAL DATUM OF 1929
 NORTH AMERICAN DATUM
 by dashed corner ticks

PROVISIONAL MAP
 Produced from original
 mapmaker's drawings. Infor

AMOCO PRODUCTION COMPANY
 NYE GAS COM /D/ # 1
 1400' F/NL 1720' F/EL
 SEC. 23, T31N, R11W, NMPM
 SAN JUAN COUNTY, NEW MEXICO

(ARTEC) 4 miles to ARTEC
 SCALE 1:24 000
 0 5 10 2000 3000 4000 5000
 METERS
 0 5 10 2000 3000 4000 5000
 FEET
 CONTOUR INTERVAL 20 FT