

F

30-039-25040

01-04-91

F. Loc. 1220/S; 920/W Elev. 6178 GL Spd. _____ Comp. _____ TD _____ PB _____

Casing S. _____ @ _____ W _____ Sx. Int. _____ @ _____ W _____ Sx. Pr. _____ @ _____ W _____ Sx. T. _____ @ _____
 Csg. Perf. _____ Prod. Stim. _____

T Gas
R
A
S

I.P. _____ BO/D _____ MCF/D After _____ Hrs. SICP _____ PSI After _____ Days GOR _____ Grav. _____ 1st Del. Gas _____
 1st Del. OI _____

TOPS		NiTD	X	Well Log	TEST DATA						
					Schd.	PC	Q	PW	PD	D	Ref.No.
Ojo Alamo		C-103		Plat X							
Kirtland		C-104		Electric Log							
Fruitland				C-122							
Pictured Cliffs		Ditr		Dfa							
Chacra		Datr		Dac							
Cliff House											
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											

Acres W/320

P
o
o

BasinFrCoalCo. RA S 25 T 28N R 07W UM Oper. Amoco Production Co. Lsa. Sar. Juan 28-7 Unit No. 415

Sar. Juan 28-7 Unit #415

M-25-28N-07W

AMOCO PRODUCTION CO.



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Farmington Resource Area
1235 Laplata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO
SF-079294 et al. (WC)
3162.3-1.0 (019)

JAN 9 1992

Amoco Production Company
P.O. Box 800
Denver, CO 80201

Gentlemen:

Enclosed are your Applications for Permit to Drill (APD) well Numbers:

1. 417 San Juan 28-7 Unit, Sec. 13, T. 28 N., R. 7 W., Rio Arriba County, NM, lease SF-079290-A.
2. 415 San Juan 28-7 Unit, Sec. 25, T. 28 N., R. 7 W., Rio Arriba County, NM, lease SF-079294.

As discussed with Cindy Burton, of your company, on December 31, 1991, the subject APDs are rescinded and returned due to drilling not being commenced within the approved period of time.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

/s/ John L. Keller

John L. Keller
Chief, Branch of Mineral Resources

2 Enclosures

cc:

New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec NM 87410

ABANDONED LOCALITY

RECEIVED
JAN 10 1992
OIL CON. DIV.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25040

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 1220' PSL, 920' FWL, SW/SW
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 40 miles - Aztec, Nm

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 920'

16. NO. OF ACRES IN LEASE 1,136.88

17. NO. OF ACRES ASSIGNED TO THIS WELL 320 acres W/2

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3080 TD

19. PROPOSED DEPTH 3080 TD

20. ROTARY OR CABLE TOOL 20. Rotary

21. ELEVATIONS (Show whether DF, RE, GR, etc.) 6178' GR

22. APPROX. DATE WORK WILL START

5. LEASE DESIGNATION AND SERIAL NO.
 SF-079294

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 San Juan 28-7 Unit

9. WELL NO.
 #415

10. FIELD AND POOL, OR WILDCAT
 Basin Fruitland Coal Gas

11. SEC. T. R. N., OR B.L. AND SURVEY OR AREA
 M Sec. 25, T28N R7W

12. COUNTY OR PARISH Rio Arriba

13. STATE NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)
7 7/8"	5 1/2"	17#	3080' (TD)	862 cf (cement to surface)

Notice of Staking was submitted: 10/24/90

Lease Description:

T28N-R7W:

- Sec. 25: S/2
- Sec. 26: SE/4
- Sec. 36: All

RECEIVED
 JAN 04 1991
 OIL CON. DIV. 1
 DIST. 3

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 presenter program, if any.

24. SIGNED J.L. Hampton J.L. Hampton
 TITLE Sr. Staff Admin. Supv. DATE 10/31/90
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE AS ANNOUNCED

APPROVED BY [Signature] DATE DEC 27 1990
 CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____
 AREA MANAGER

*See Instructions On Reverse Side

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>				
3080	5.5"	17#	K55 ST&C	862 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

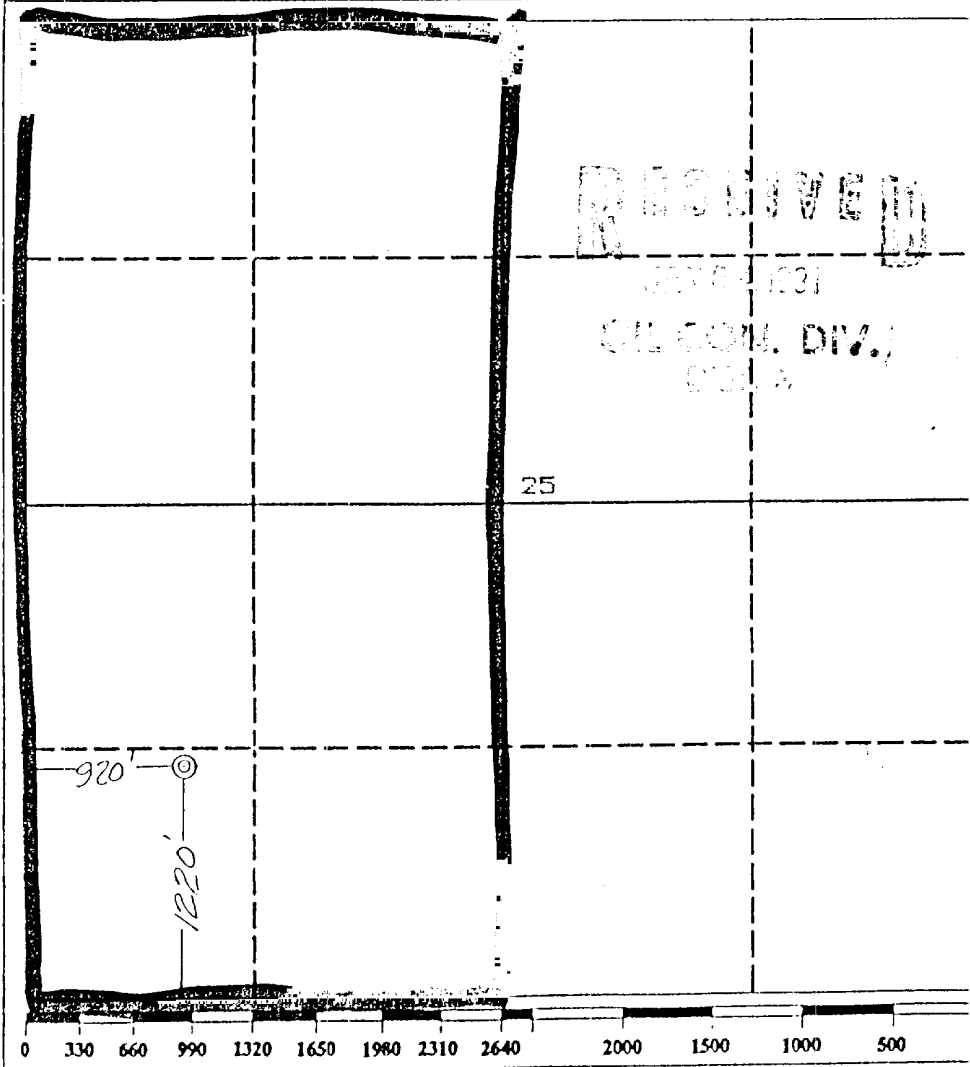
DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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 SAN JUAN 28-7 UNIT		Well No. # 415
Unit Letter M	Section 25	Township 28 NORTH	Range 7 WEST	County RIO ARRIBA	
Actual Footage Location of Well: 1220 feet from the SOUTH line and 920 feet from the WEST line					
Ground level Elev. 6178	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal Gas		Dedicated Acreage: w/2 320 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					



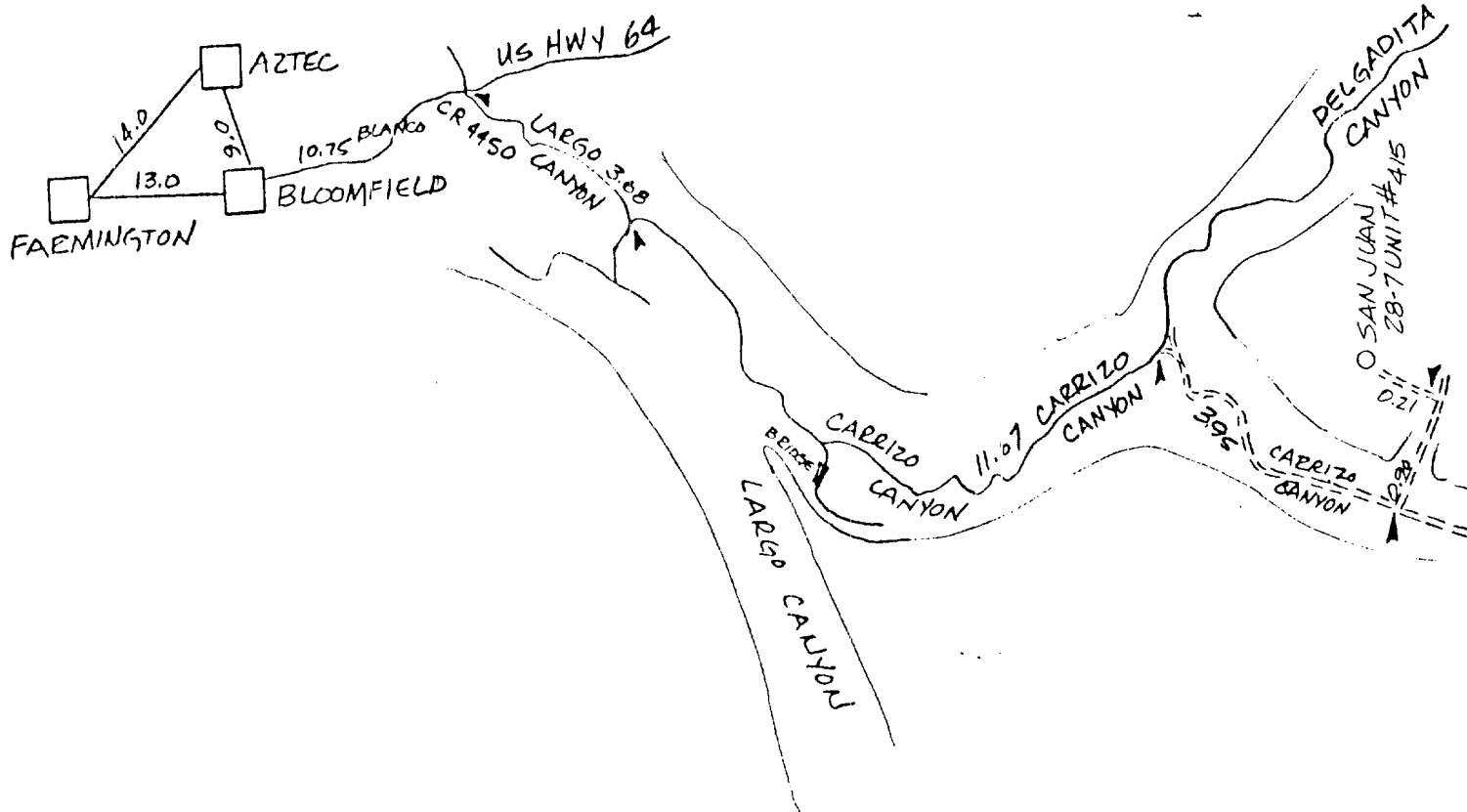
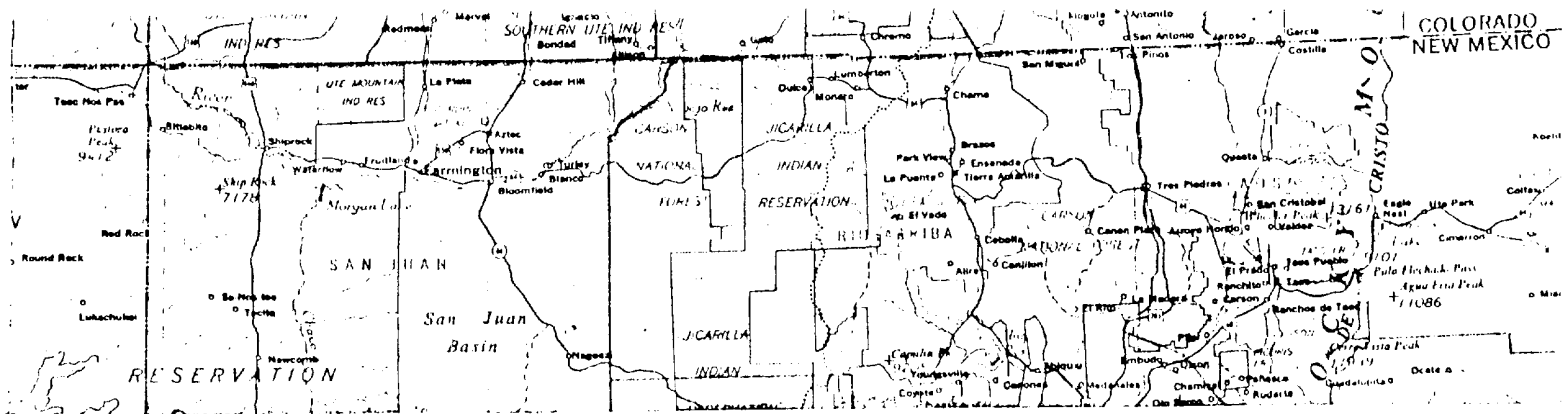
OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *[Handwritten Signature]*
 Printed Name: **DL Hampton**
 Position: **Sr Staff Admin Super**
 Company: **Amoco Prod.**
 Date: **10-24-90**

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: **October 3, 1990**

Signature & Seal of Professional Surveyor: *[Handwritten Signature]*
 Gary D. Vann
 Registered Professional Land Surveyor
 Certificate No. **7016**



SAN JUAN 28-7 UNIT # 415
 1220' F/SL 920' F/WL
 SEC. 25, T28N, R7W, NMPM
 RAIL POINT: 183 - Montrose, Co.
 MUD POINT: 40 - Aztec, NM
 CEMENT POINT: 44 - Farmington, NM