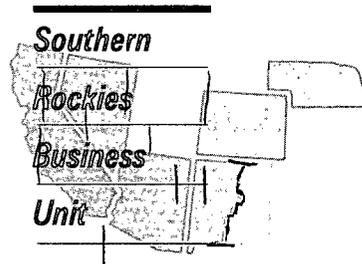




OIL CONSERVATION DIVISION  
RECEIVED

1994 AUG 16 AM 8 50



August 12, 1994

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Application for Unorthodox Location  
Florance Gas Com A #1R Well  
NE/4 Section 22-T30N-R8W  
Basin Fruitland Coal Pool  
San Juan County, New Mexico

Amoco Production Company hereby requests administrative approval for an unorthodox location in the Basin Fruitland Coal Pool. Amoco proposes to drill the Florance Gas Com A #1R Well at a location 760' FNL and 570' FEL of Section 22. The Florance Gas Com A #1R Well will be a replacement well for the original Florance Gas Com A #1 Well drilled in 1989. During completion of the original well, a cavitation procedure was attempted. This procedure was not successful and a liner was cemented in the open hole and the well was fracture stimulated. The well has been unable to produce more than 20 MCFD and is currently shut-in. This unorthodox location is necessary due to the topography and archeological constraints in this area. Attached is a topographical map and letter from the Bureau of Land Management supporting the need for this location. This spacing unit is in the E/2 Section 22, T30N-R8W. The offset operator will receive a copy of the application by certified mail with a request that they furnish your Santa Fe office with a waiver of objection and return one copy to Amoco.

Sincerely,

J. W. Hawkins

JWH/ewb

Attachments

cc: Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Meridian Oil Inc.  
P.O. Box 4289  
Farmington, NM 87499

WAIVER

\_\_\_\_\_ hereby waives objection to Amoco's application for unorthodox well location for the Florance Gas Com A #1R Well in the Basin Fruitland Coal Pool as proposed above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

VERIFICATION AND AFFIDAVIT

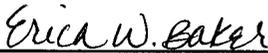
STATE OF COLORADO        )  
CITY AND COUNTY         ):       SS  
OF DENVER                 )

J. W. Hawkins, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed in an engineering capacity by Amoco Production Company in its Denver, Colorado office; that he has been qualified as an expert engineering witness by the New Mexico Oil Conservation Division and his qualifications have been made of record; that Amoco's application for administrative approval for unorthodox location for the Florance Gas Com A #1R Well in the Basin Fruitland Coal Pool, San Juan County, New Mexico was prepared under his direction and supervision; that the matter and things therein set forth are true and correct to the best of his knowledge and beliefs. Copies of the application have been mailed by certified mail to the affected operators.

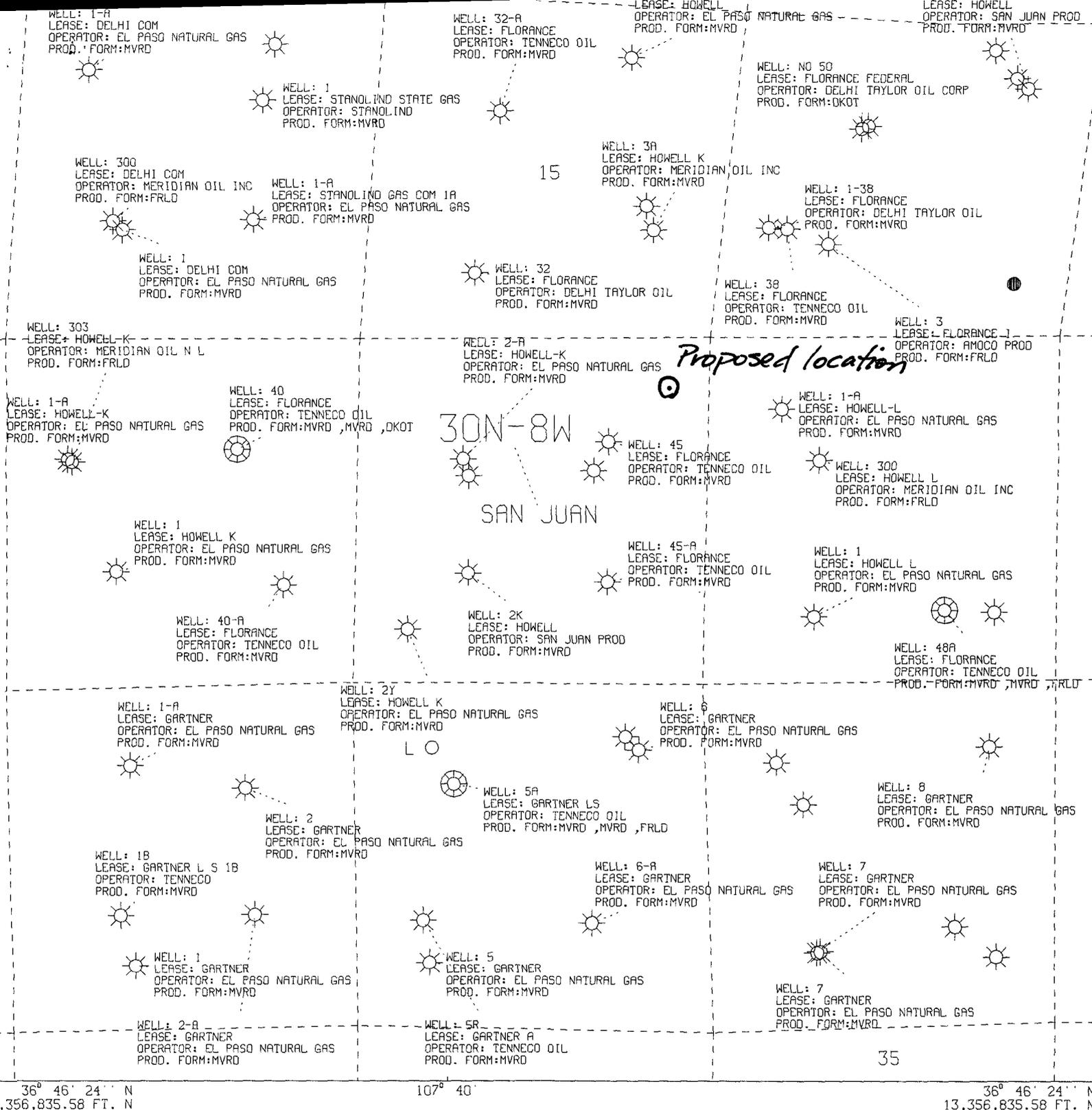
  
\_\_\_\_\_  
J. W. Hawkins

Subscribed and sworn to before me this 12th day of August, 1994.

  
\_\_\_\_\_  
Erica W. Baker

**My Commission Expires**  
**AUGUST 20, 1997**





All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

AMOCO PRODUCTION COMPANY  
PLAT MAP

FLORANCE GAS COMA#1R  
SAN JUAN COUNTY NEW MEXICO  
SCALE 1 IN. = 2,000 FT. AUG 2, 1994

SYCONIC CENTRAL MERIDIAN - 107° 39' 43" W LONG  
MERIDIAN - 6

WELL: 300  
LEASE: STANQUIND GAS COM  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

WELL: 300  
LEASE: HOWELL E  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

16

15

WELL: 300  
LEASE: DELHI COM  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

WELL: 300  
LEASE: HOWELL K  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

WELL: 3  
LEASE: FLORANCE I  
OPERATOR: AMOCO PROD  
PROD. FORM:FRLD

Amoco

Meridian

Amoco

Proposed location

WELL: 302  
LEASE: HOWELL K  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

WELL: 303  
LEASE: HOWELL K  
OPERATOR: MERIDIAN OIL N L  
PROD. FORM:FRLD

WELL: 300  
LEASE: HOWELL L  
OPERATOR: MERIDIAN OIL INC  
PROD. FORM:FRLD

Meridian

SAN JUAN

Meridian

30N-8W

WELL: A 1  
LEASE: FLORANCE GAS COM  
OPERATOR: AMOCO PRODUCTION COMPANY  
PROD. FORM:FRLD

Amoco



WELL: 48A  
LEASE: FLORANCE  
OPERATOR: TENNECO OIL  
PROD. FORM:MVRD ,MVRD ,FRLD

Amoco

Amoco

WELL: 5A  
LEASE: GARTNER LS  
OPERATOR: TENNECO OIL  
PROD. FORM:MVRD ,MVRD ,FRLD

28

27

26

33

34

35

36° 46' 24" N  
13,356,835.58 FT. N

107° 40'

36° 46' 24" N  
13,356,835.58 FT. N

All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

AMOCO PRODUCTION COMPANY  
PLAT MAP  
OFFSET OPERATORS  
FLORANCE GAS COM A #1R  
SAN JUAN COUNTY NEW MEXICO  
SCALE 1 IN. = 2,000 FT. AUG 3, 1994

POLYGONIC CENTRAL MERIDIAN - 107° 39' 43" W LONG  
SPHEROID - 6



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

DATE RECEIVED  
JUL 30 1994

IN REPLY REFER TO:

3162.3-1 (07439)  
SF-078578 (WC)

JUL 29 1994

Amoco Production Company  
Attention: John Schwarz  
200 Amoco Court  
Farmington, NM 87401

Dear Mr. Schwarz:

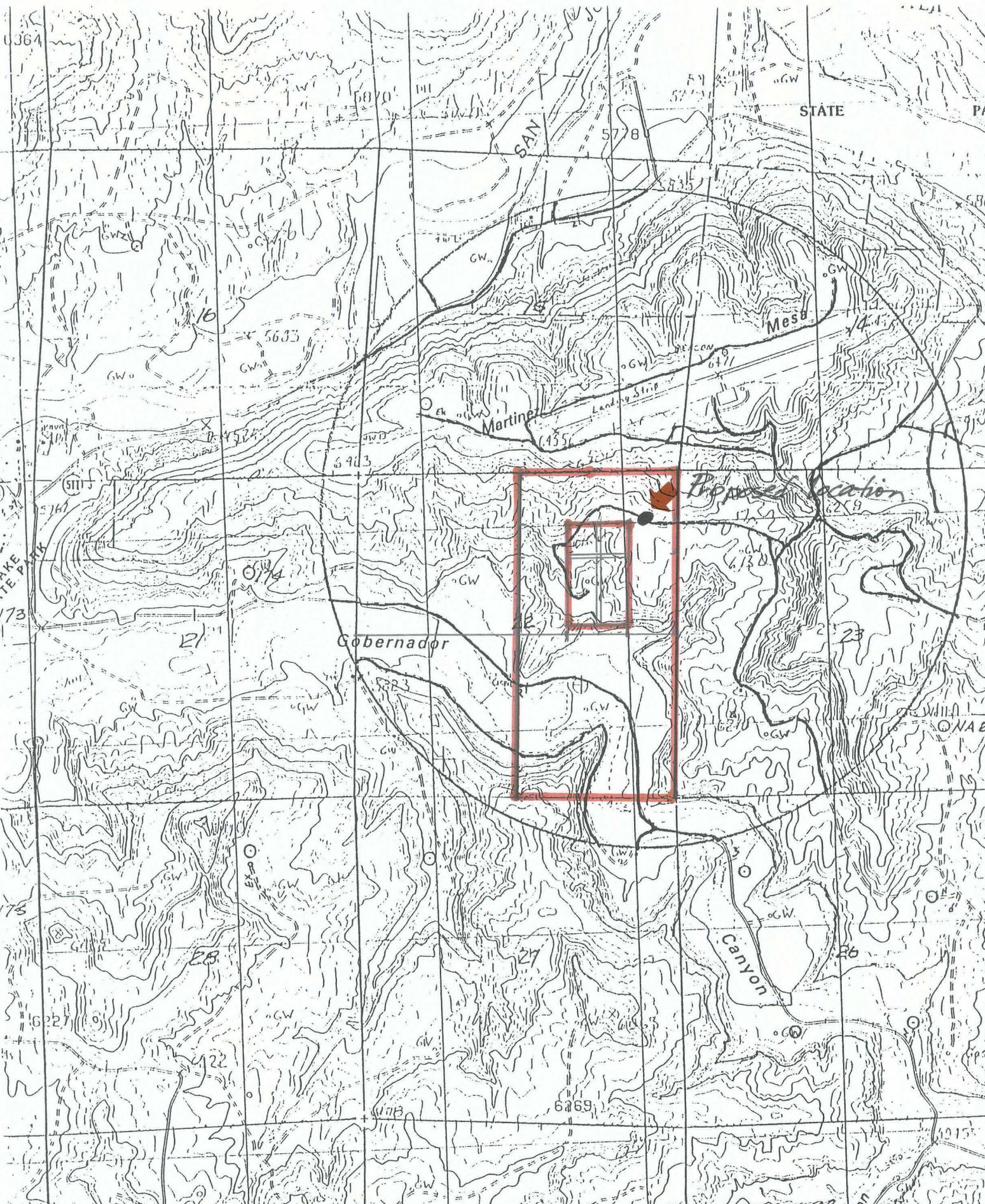
This is in reference to your Notice of Staking for the Florance Gas Com. A#1R, 760' FNL, 570' FEL, Sec. 22, T. 30 N., R. 8 W., Lease No. SF-078578. After working to find a suitable location within the windows established by the New Mexico Oil Conservation Commission, we suggest you submit for a non-standard location. A suitable location and access road was not found due to topography and archaeological constraints. The proposed well pad is located on a fairly flat pinon-juniper covered bench, midway between valley floor and ridge top. This bench is wide enough to accommodate a 300 ft. X 265 ft. pad without large amounts of cuts and fills and no additional access needing to be constructed. This location approximately 600 ft. to the northeast of the originally staked location would be most suitable. This area does not affect the bench system in the area, and there is existing access roads.

In the past we have discussed that non-standard locations would probably be proposed more frequently as the more desirable locations are developed. It is our desire to find the best possible locations for new wells and access roads being proposed with minimal environmental impacts. Therefore, we will be glad to support your non-standard proposal for the Florance Gas Com. A#1R to the NMOCC.

If there is any further way in which we can be of assistance, please contact me or Neel McBride of the Fluids Surface Management Staff at (505) 599-8900.

Sincerely

Illyse K. Gold  
Chief, Branch of Lands, Cultural, Recreation,  
and Environmental Compliance



0364

STATE PAR



Proposed location

TAKE  
TE P  
73

Gobernador

Canyon

NEW ROAD  
EXISTING  
ROADS

AMOCO PRODUCTION COMPANY  
 FLORENCE GAS COM A # 1 R  
 760' F/NL 570' F/EL  
 SEC. 22, T30N, RBW, NMPM

NOTICE OF STAKING

|  |                                      |  |                         |
|--|--------------------------------------|--|-------------------------|
| (Not to be used in place of Application for Permit to Drill Form)  |                                      | 6. Lease Number<br>SF-078578   |                         |
| 1. Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (Specify)  |                                      | 7. If Indian, Allottee or Tribe Name   |                         |
| 2. Name of Operator:<br>Amoco Production Company   |                                      | 8. Unit Agreement Name   |                         |
| 3. Name of Specific Contact Person:<br>J.C. Schwarz  |                                      | 9. Farm or Lease Name<br>Florance Gas Com A  |                         |
| 4. Address & Phone No. of Operator or Agent.<br>200 Amoco Court (505) 326-9223<br>Farmington, New Mexico 87401   |                                      | 10. Well No.<br>#1R  |                         |
| 5. Surface Location of Well<br><br>760 FNL 570 FEL<br><br>Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit.<br>b) Topographical or other acceptable map showing location, access road, and lease boundaries. |                                      | 11. Field or Wildcat Name<br>Basin Fruitland Coal Gas<br><br>12. Sec., T., R., M., or Blk and Survey or Area<br>Sec. 22 T30N-R8W |                         |
| 15. Formation Objective(s)<br>Fruitland Coal   | 16. Estimated Well Depth<br>3250' TD | 13. County, Parish or Borough<br>San Juan  | 14. State<br>New Mexico |

17. Additional Information (as appropriate; shall include surface owner's name, address and, if known, telephone number)

USA-Surface Owner

18. Signed  Title Sr. Staff Assistant Date 7/28/94

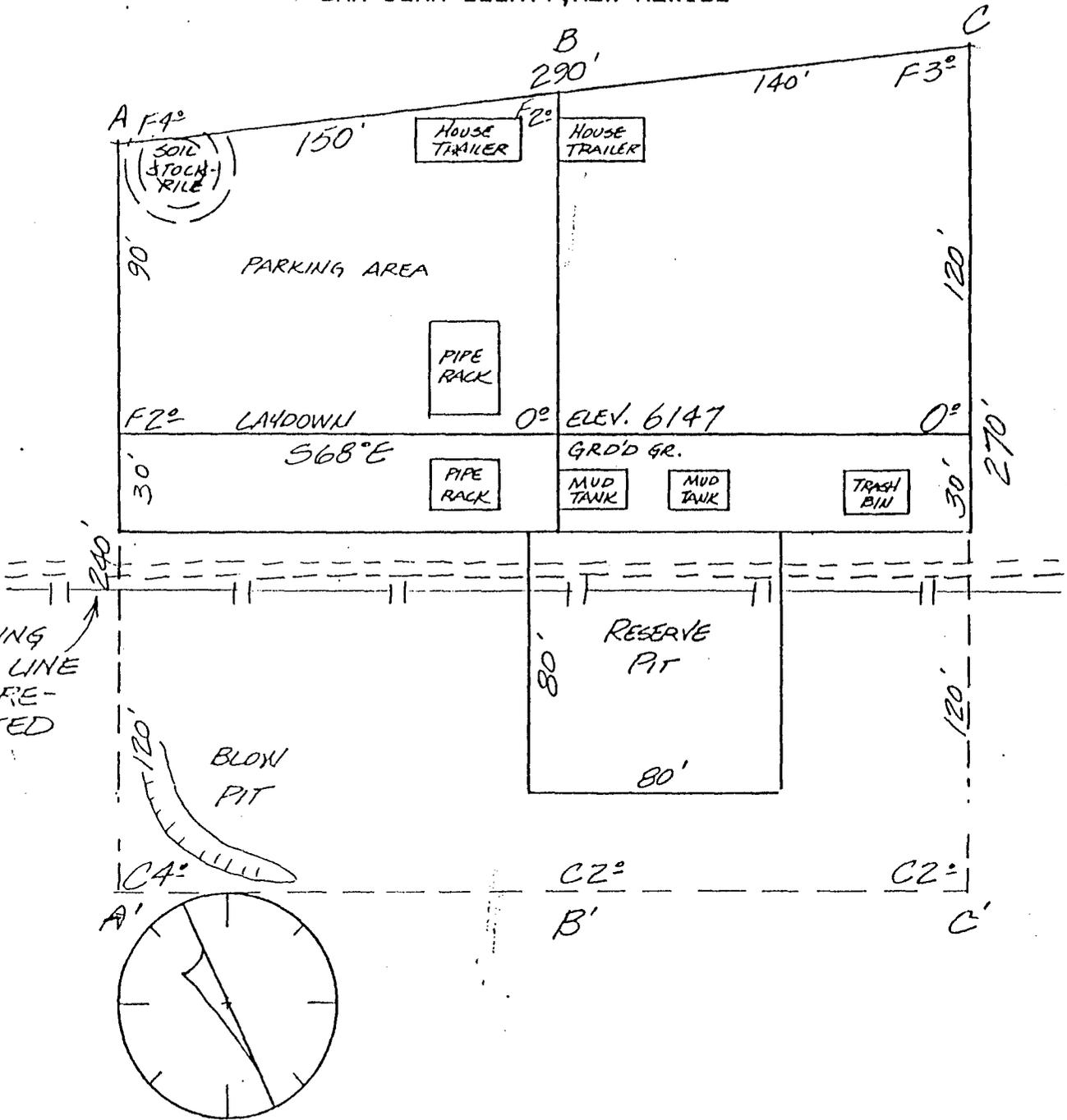
Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H2S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right-of-Way or Special Use Permit

# PROFILE FOR

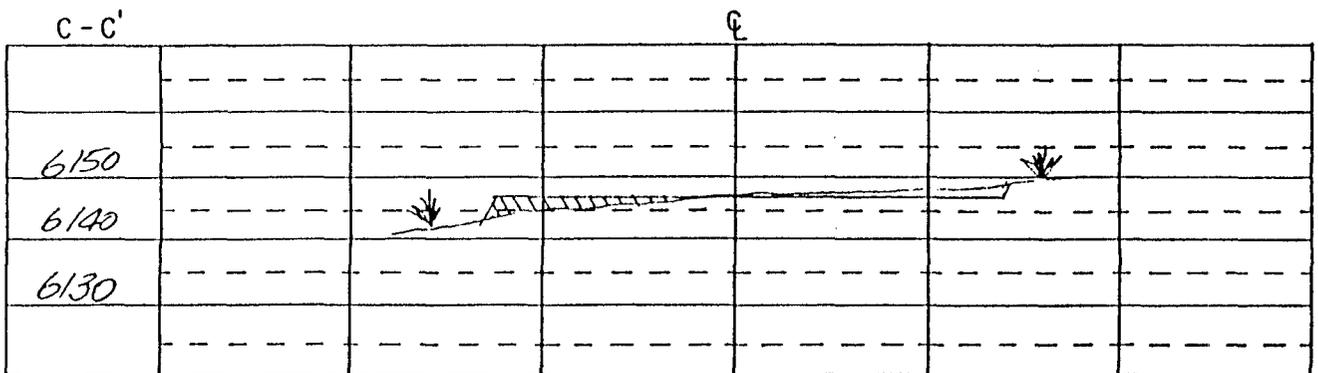
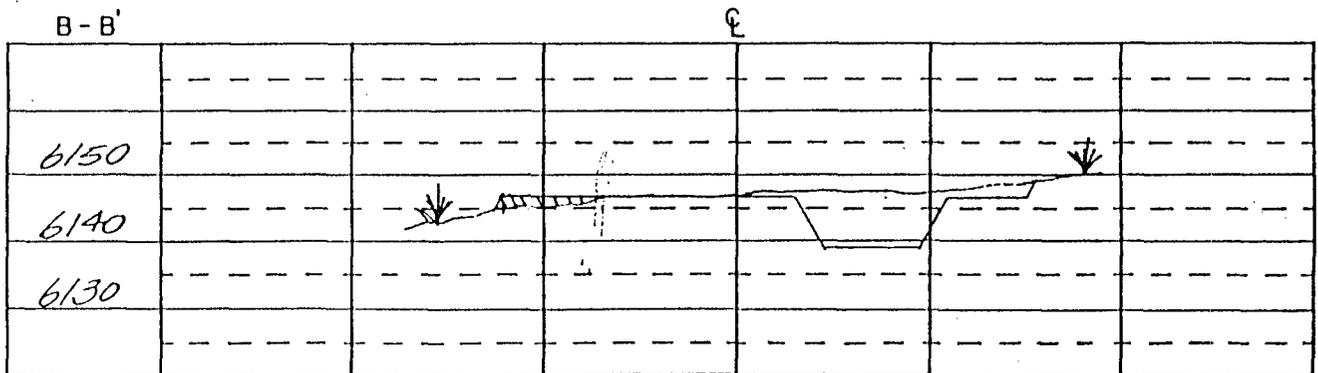
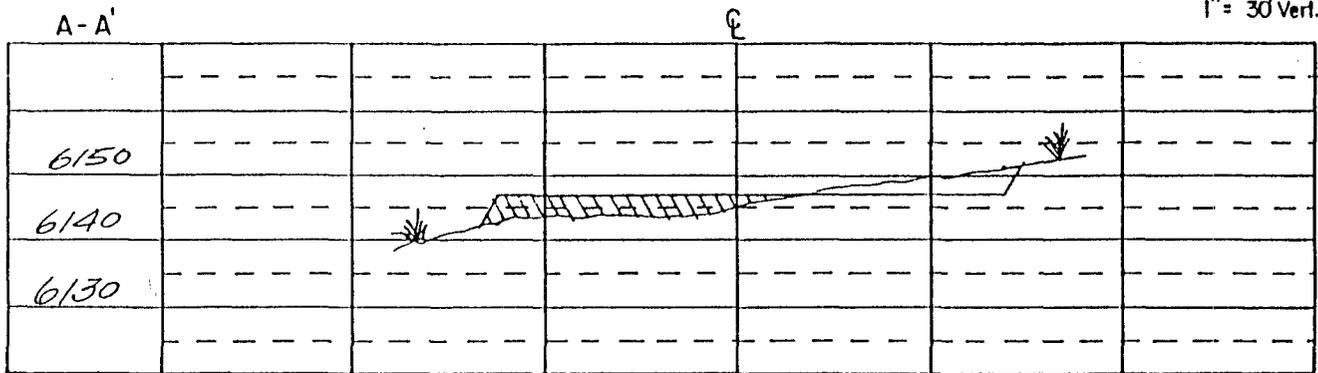
AMOCO PRODUCTION COMPANY  
 FLORANCE GAS COM A # 1 R  
 760' F/NL 570' F/EL  
 SEC. 22, T30N, RBW, NMPM  
 SAN JUAN COUNTY, NEW MEXICO

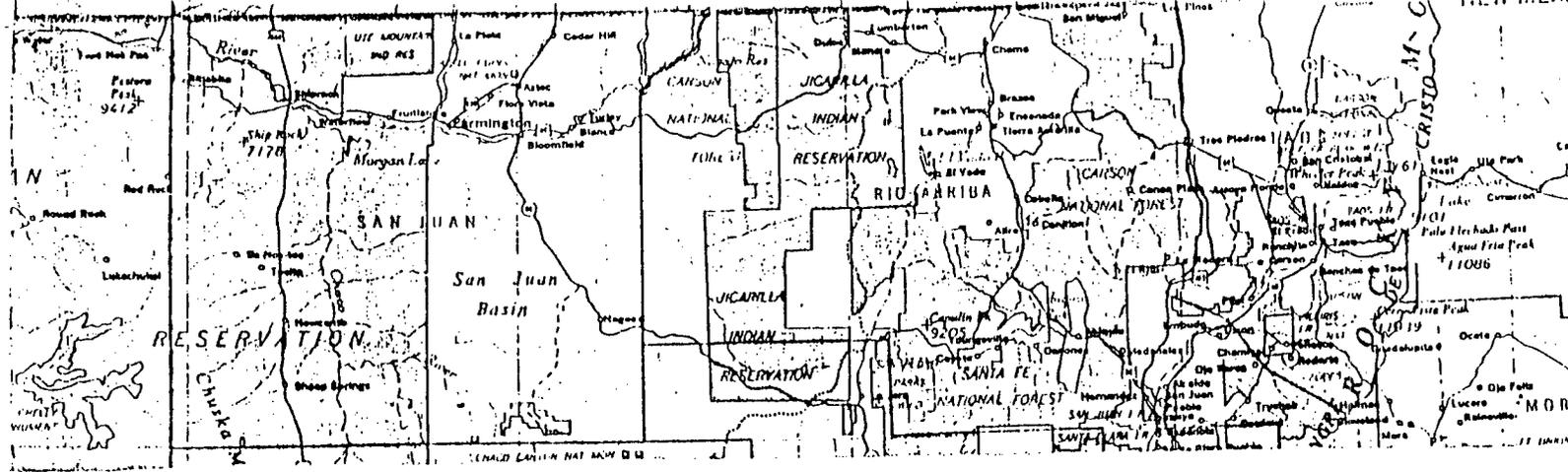


NOTE: Contractor should call 1-800-321-2537 for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 days prior to construction.

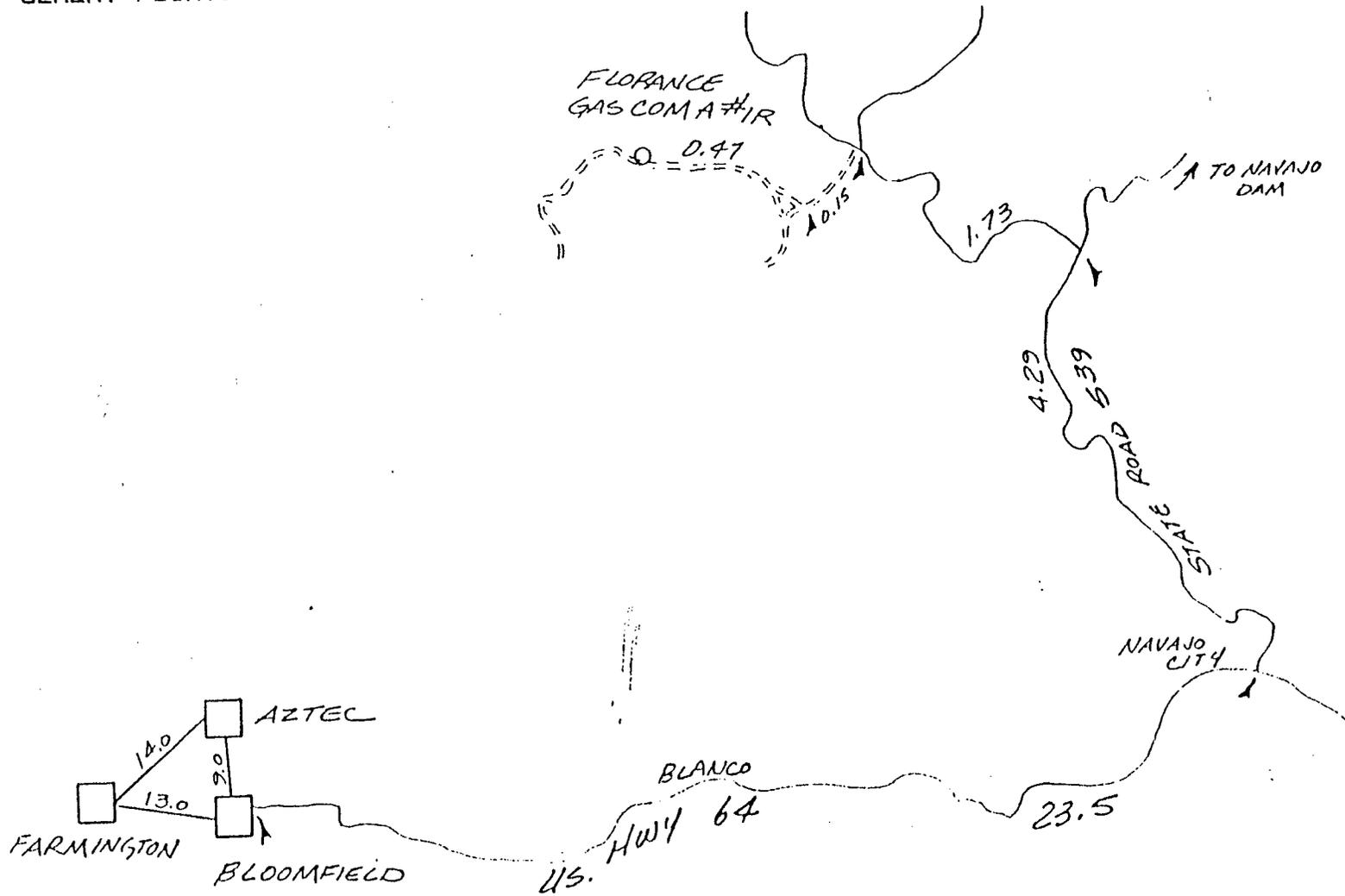
AMOCO PRODUCTION COMPANY  
 FLORANCE GAS COM A # 1 R  
 760' F/NL 570' F/EL  
 SEC. 22, T30N, RBW, NMPM  
 SAN JUAN COUNTY, NEW MEXICO

SCALE: 1" = 100' Horiz.  
 1" = 30' Vert.





FLORANCE GAS COM A # 1 R  
 760' F/NL      570' F/EL  
 SEC. 22, T30N, RBW, NMPM  
 RAIL POINT:  
 MUD POINT:  
 CEMENT POINT:



**Mike Stogner**

---

**From:** Ernie Busch  
**To:** Mike Stogner  
**Subject:** AMOCO (NSL)  
**Date:** Thu, Sep 15, 1994 8:06AM  
**Priority:** High

FLORANCE GAS COM A #1  
760' FNL; 570' FEL  
A-22-30N-08W  
RECOMMEND: APPROVAL

**Mike Stogner**

---

**From:** Ernie Busch  
**To:** Mike Stogner  
**Subject:** FW: AMOCO (NSL)  
**Date:** Thu, Sep 15, 1994 8:44AM  
**Priority:** High

-----  
**From:** Ernie Busch  
**To:** Mike Stogner  
**Subject:** AMOCO (NSL)  
**Date:** Thursday, September 15, 1994 8:06AM  
**Priority:** High

FLORANCE GAS COM A #1R  
760' FNL; 570' FEL  
A-22-30N-08W  
RECOMMEND: APPROVAL