

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

## 3. ADDRESS OF OPERATOR

501 Airport Drive Farmington, New Mexico 87401

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

At surface

1780' FNL, 2030' FWL, Section 14, T-29-N, R-9-W

At proposed prod. zone

Same

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

5 miles SE of Blanco New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1780'

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

1417'

## 16. NO. OF ACRES IN LEASE

2560.00

## 19. PROPOSED DEPTH

7620'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6446' GL

## 22. APPROX. DATE WORK WILL START\*

January 22, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	40#	300'	270 SX
8-3/4"	7"	20#	3300'	510 SX
6-1/4"	4-1/2"	11.6#	7620'	830 SX

The above well is being drilled to further develop the Basin Dakota Field. The well will be drilled with a low solids non-dispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion.

The gas from this well is dedicated to El Paso Natural Gas Company.

Additional information required by NTL-6 for the application to drill and a Multi-point Surface Use Plan are attached.

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.

SIGNED

TITLE District Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

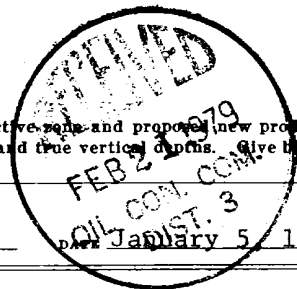
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

N/MOCC



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-124  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

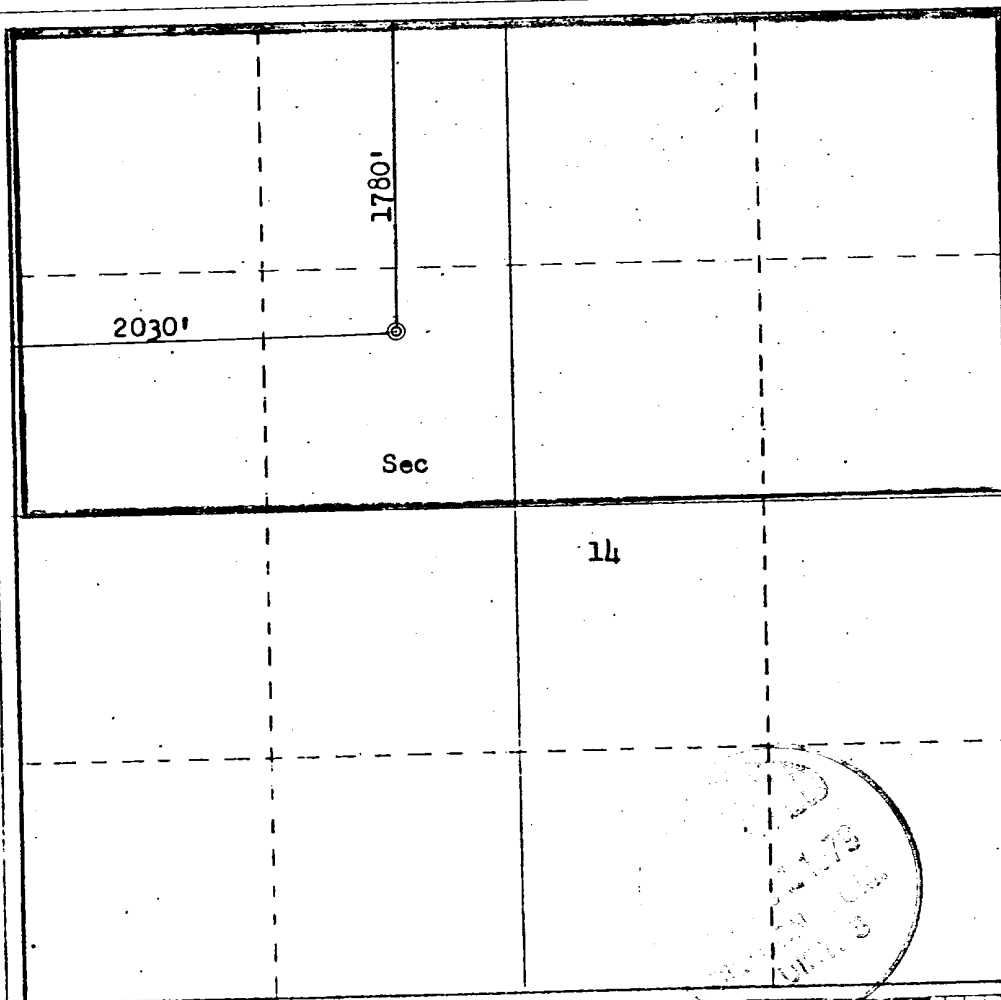
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>ELLIOTT GAS COM "Y"</b>		Well No. <b>1</b>
Unit Letter <b>F</b>	Section <b>14</b>	Township <b>29N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Percentage Location of Well:					
<b>1780</b>	feet from the	<b>North</b>	line and	<b>2030</b>	feet from the <b>West</b> line
Ground Level Elev. <b>6446</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</b> 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

*J. L. Krupka*

Name  
**J. L. KRUPKA**

Position  
**DISTRICT ENGINEER**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**DECEMBER 12, 1978**

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

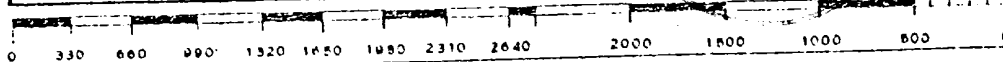
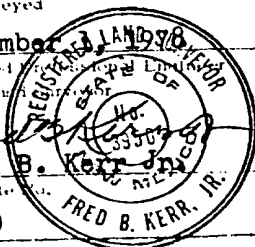
**December 12, 1978**

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr, Jr.*

Certification No.

**3950**



SUPPLEMENTAL INFORMATION TO FORM 9-331C  
 REQUIRED BY NTL-6  
 Elliott Gas Com "Y" No. 1  
 1780' FNL, 2030' FWL, Sec. 14, T-29-N, R-9-W  
 San Juan County, New Mexico

The geologic name of the surface formation is the Tertiary San Jose.

The estimated tops of important geological formations bearing hydrocarbons are:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Fruitland	2714'	+ 3745
Pictured Cliffs	3022'	+ 3437
Mesaverde	4707'	+ 1752
Dakota	7369'	- 910

TD 7620'

Estimated KB elevation is 6459'.

The casing program to be used will include all new casing:

<u>EST. DEPTH</u>	<u>CSG. SIZE</u>	<u>WEIGHT</u>	<u>HOLE SIZE</u>	<u>SACKS CEMENT - TYPE</u>
300'	9-5/8"	40#	13-3/4"	270 sx Class "B" 2% CaCl <sub>2</sub> .
3300'	7"	20#	8-3/4"	510 sx Class "B" 50:50 poz mix, 6% Gel, 10# Gilsonite, 0.8% fluid loss additive.
7620'	4-1/2"	11.60#	6-1/4"	830 sx Class "B" Neat, 50:50 poz mix, 6% Gel, 2# Med Tuf plug/sx, 0.8% fluid loss additive.

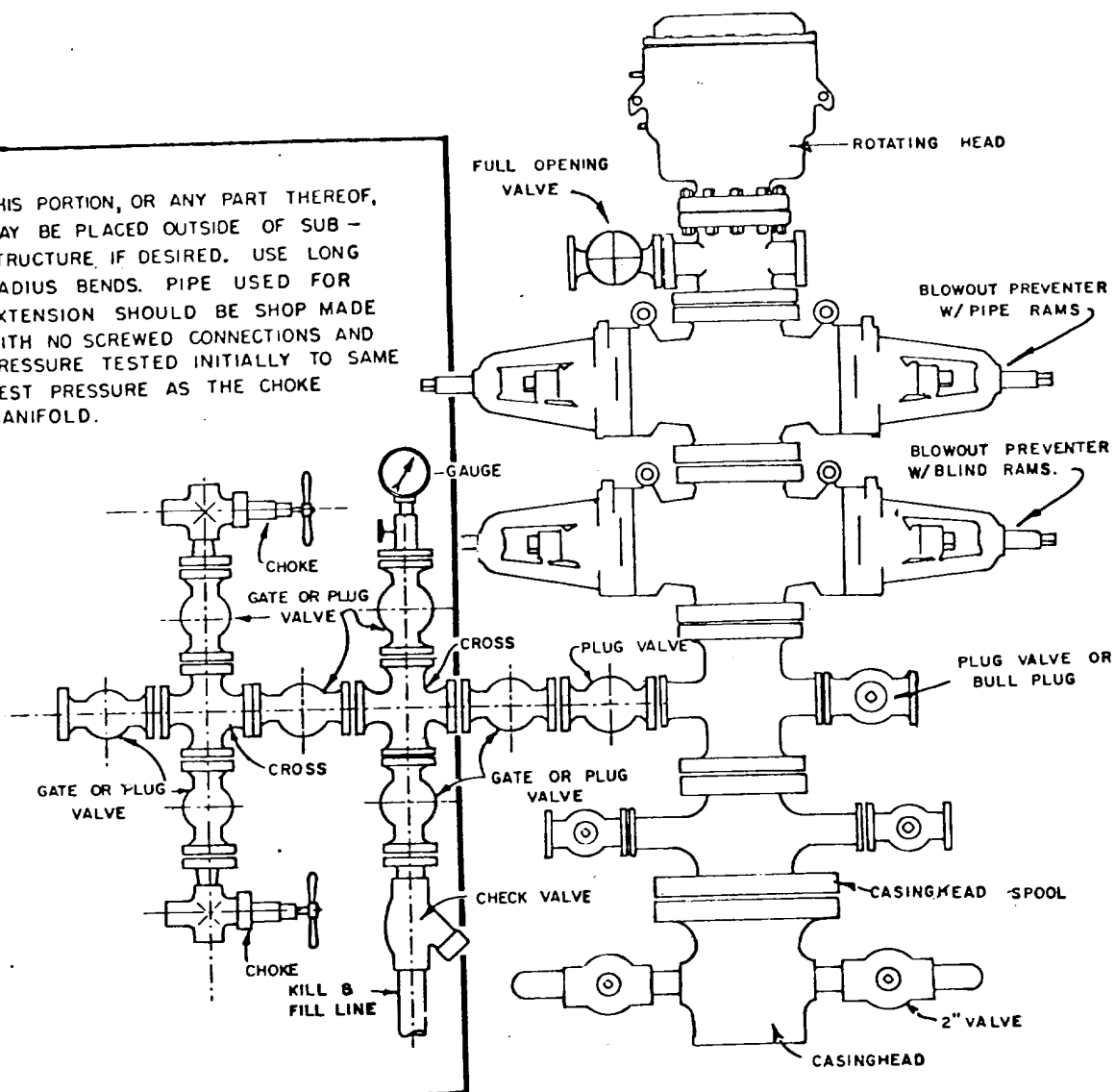
Amoco's standard blowout prevention will be employed; see attached drawing of our blowout preventer design.

Amoco will run an Induction Electric Survey from TD to 4500' and a Density-Gamma Ray Log from TD to 4500' and Gamma Ray from 2000' to surface. No cores or drill stem tests will be taken.

In the past, drilling in this area has shown that no abnormal pressures, temperatures, nor hydrogen sulfide gas will be encountered.

We will start operations as soon as well is permitted, and a three-week operation is anticipated.

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE, IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.

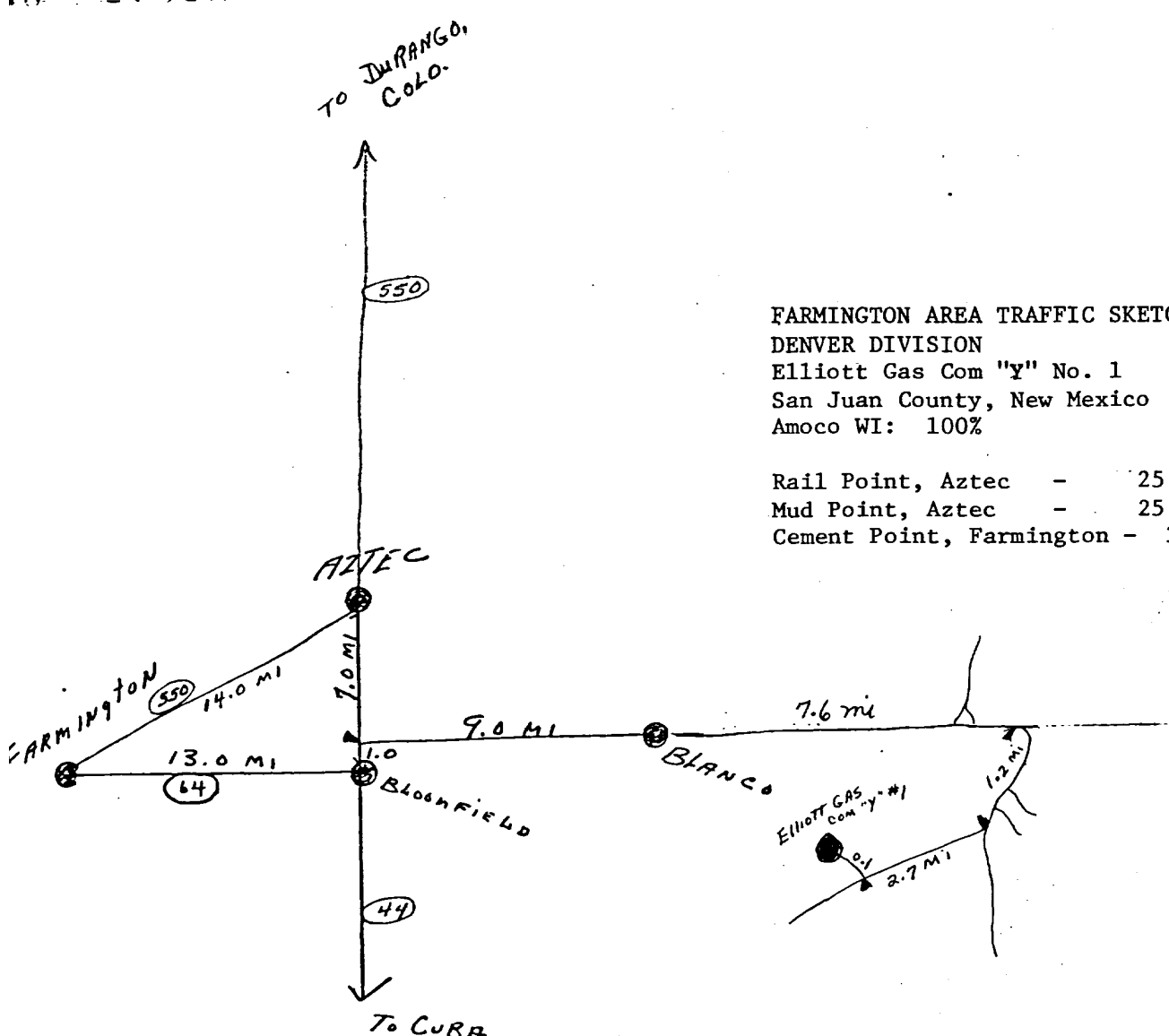
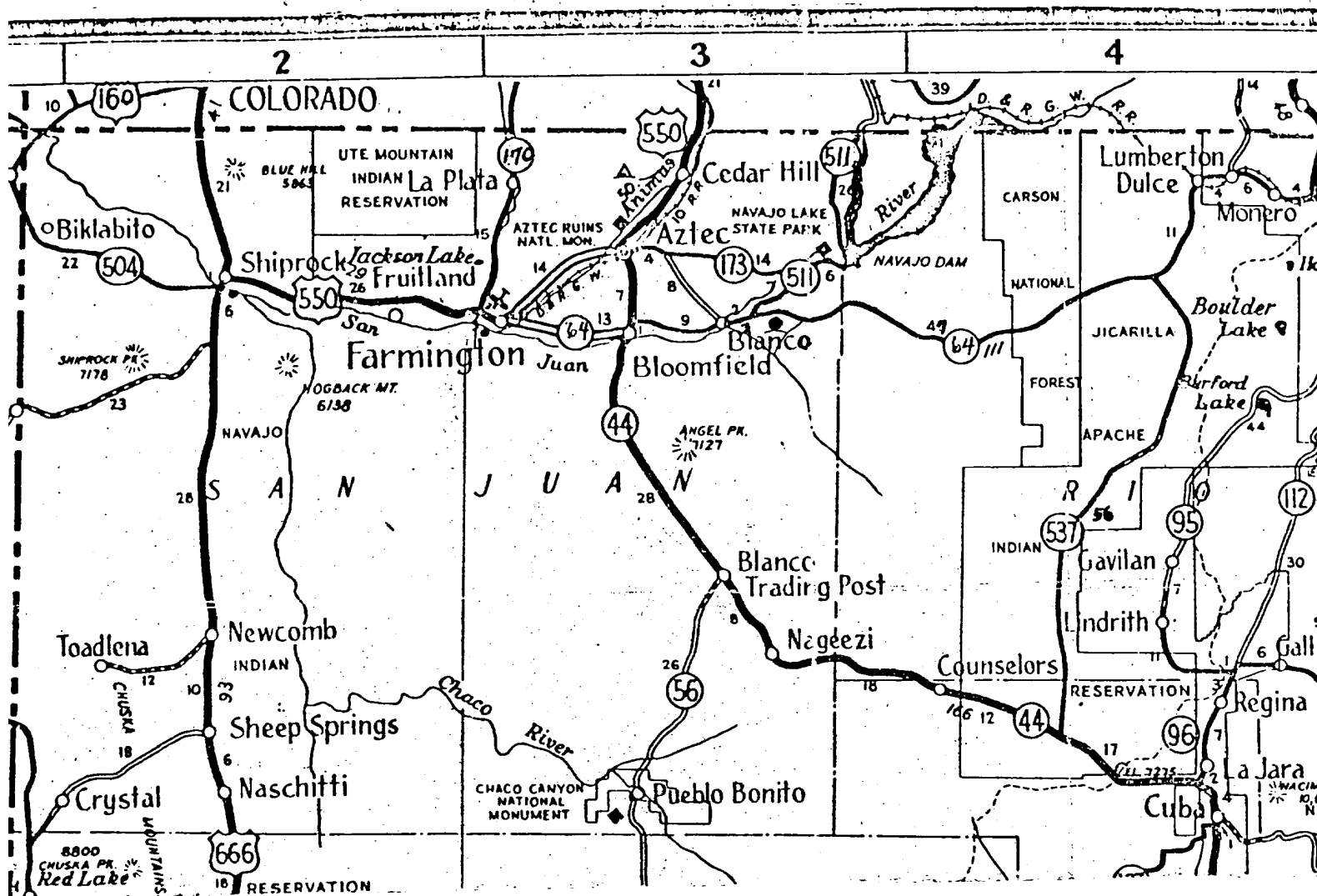


BLOWOUT PREVENTER HOOKUP

MULTI-POINT SURFACE USE PLAN

ELLIOTT GAS COM "Y" NO. 1  
1780' FNL & 2030' FWL, SECTION 14, T29N, R9W  
SAN JUAN COUNTY, NEW MEXICO

1. The attached road map and sketch show the proposed route to the location and distances from towns.
2. A new road approximately 1500 feet in length will be built off of an existing road.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There is a 380-barrel tank located at Elliott Gas Com "A" Well No. 1A and 380-barrel tanks on other nearby wells.
5. Water will be hauled from the San Juan River at Blanco over existing roads.
6. No construction materials will be hauled in for this location.
7. A 100' X 100' pit will be built on location to hold all drilling waste. Upon completion of well, all waste and liquid will be pumped out and fluids will be bladed into roads.
8. There are neither airstrips nor camps in the vicinity.
9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. A 2-foot cut will be made on southeast side.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drainage ditches will be built to handle run-off. Reseeding of the site will be carried out as detailed in the attached Seeding Plan.
11. The general topography is a gently sloping terrain with sandstone outcrops, with sandy-loamy clay soil. Vegetation consists of juniper and pinon trees, sagebrush and various native grasses.  
  
Representatives of the U. S. Geological Survey's Farmington Office (Lee Freeman), Bureau of Land Management (Russ Pigors) inspected the site with Amoco personnel. Cultural resources inspection was conducted by Dabney Ford, Archaeologist, from San Juan College.
12. A Certification Statement by Amoco's representative is included.



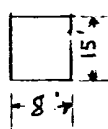
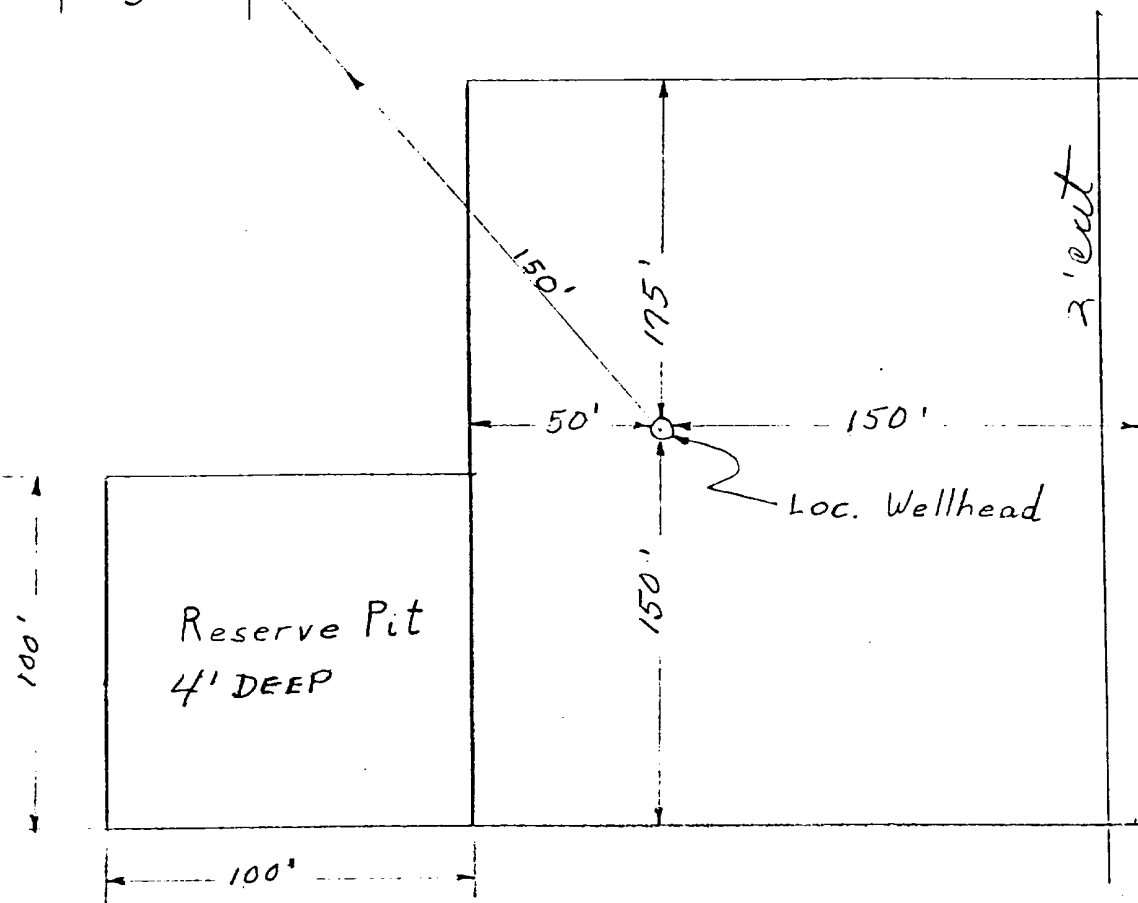
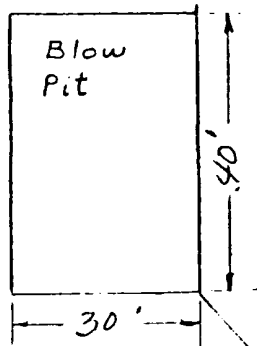
FARMINGTON AREA TRAFFIC SKETCH  
 DENVER DIVISION  
 Elliott Gas Com "Y" No. 1  
 San Juan County, New Mexico  
 Amoco WI: 100%

Rail Point, Aztec - 25 miles  
 Mud Point, Aztec - 25 miles  
 Cement Point, Farmington - 32 miles

1-3-79



Vicinity Map for  
AMOCO PRODUCTION COMPANY #1 ELLIOTT GAS CO. "Y"  
1780'FNL 2030'FWL Sec 14-T29N-R9W  
SAN JUAN COUNTY, NEW MEXICO



Trash Pit

APPROXIMATELY 1.2 Acres

Amoco Production Company

SCALE: NONE

DRILLING LOCATION SPECS  
ELLIOTT GAS COM "Y" NO. 1

DRG.  
NO.



BLM SEEDING REQUIREMENTS  
IN THE FARMINGTON RESOURCE AREA

1. SEED MIXTURE 2

2. TIME:

All seeding will take place between July 1 and September 15.

3. EQUIPMENT:

Seeding will be done with a disc-type drill with two boxes for various seed sizes. The drill rows will be eight to ten inches apart. The seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to insure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, not up and down the slope. Where slopes are too steep for contour drilling, a "cyclone" hand seeder or similar broadcast seeder will be used. Seed will then be covered to the depth described above by whatever means is practical.

4. SPECIES TO BE PLANTED IN POUNDS PURE-LIVE-SEED PER ACRE:

CRESTED WHEATGRASS (Agropyron desertorum) -  $3\frac{1}{4}$  lbs.

FOURWING SALTBUSH (dewinged) (Atriplex canescens) -  $\frac{1}{2}$  lb.

SAND DROPSEED (Sporobolus cryptandrus) -  $\frac{3}{4}$  lb.

WINTERFAT (Eurotia lanata) -  $\frac{1}{2}$  lb.

ALKALI SACATON (Sporobolus airoides) -  $\frac{3}{4}$  lb.

ELLIOTT GAS COM "Y" NO. 1  
1780' FNL & 2030' FWL, SECTION 14, T29N, R9W  
SAN JUAN COUNTY, NEW MEXICO

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to be best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION  
COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 2, 1979

Date



District Supt.

Name and Title

Amoco Production Company's Representative:

L. O. Speer, Jr.

Phone: Office: 505-325-8841; Home: 505-325-3247

Address: 501 Airport Drive  
Farmington, NM 87401

P.O. Box 959  
Farmington, New Mexico 87401

January 7, 1981

Amoco Production Company  
501 Airport Drive  
Farmington, New Mexico 87401

Gentlemen:

Reference is made to your Application for Permit to Drill well  
No. 1 Elliott Gas Com "Y", sec. 14, T. 29 N., R. 9 W., San Juan  
County, New Mexico, lease No. Santa Fe 080099.

The subject Application is hereby terminated and returned due to drilling  
operations not being commenced within one year of the approval date.

Please be advised you are required to notify this office for the appropriate  
surface rehabilitation in the event that construction activities have  
occurred on the referenced drillsite.

A new Application must be submitted if you decide to drill the subject  
well at a later date. Such an Application would be processed in the  
same manner as your original filing.

Sincerely yours,

James F. Sims  
District Oil and Gas Supervisor

Enclosure

cc: Well file (rescinded) ✓  
DRO 9-1  
Chronological  
BLM

BWamsley:cap

