

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

1020' FNL and 1450' FEL, Section 10, T30N, R12W

At proposed prod. zone

Same

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

10.3 miles north of Farmington, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

1020'

## 16. NO. OF ACRES IN LEASE

2442.59

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NONE

## 19. PROPOSED DEPTH

2137'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5740' GL

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

As soon as permitted

## 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" NEW	24 #	300'	315 sx. Class "B" Neat
7-7/8"	4-1/2" NEW	10.5 #	2137'	460 sx. Class "B" 50:50 Poz
				100 sx. Class "B" Neat

The above well is being drilled to further develop the Fruitland formation.

The gas from this acreage is not dedicated to a purchaser.

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

B. E. Jankul

TITLE

District Engineer

DATE

August 28, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

\*See Instructions On Reverse Side

NMOCC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

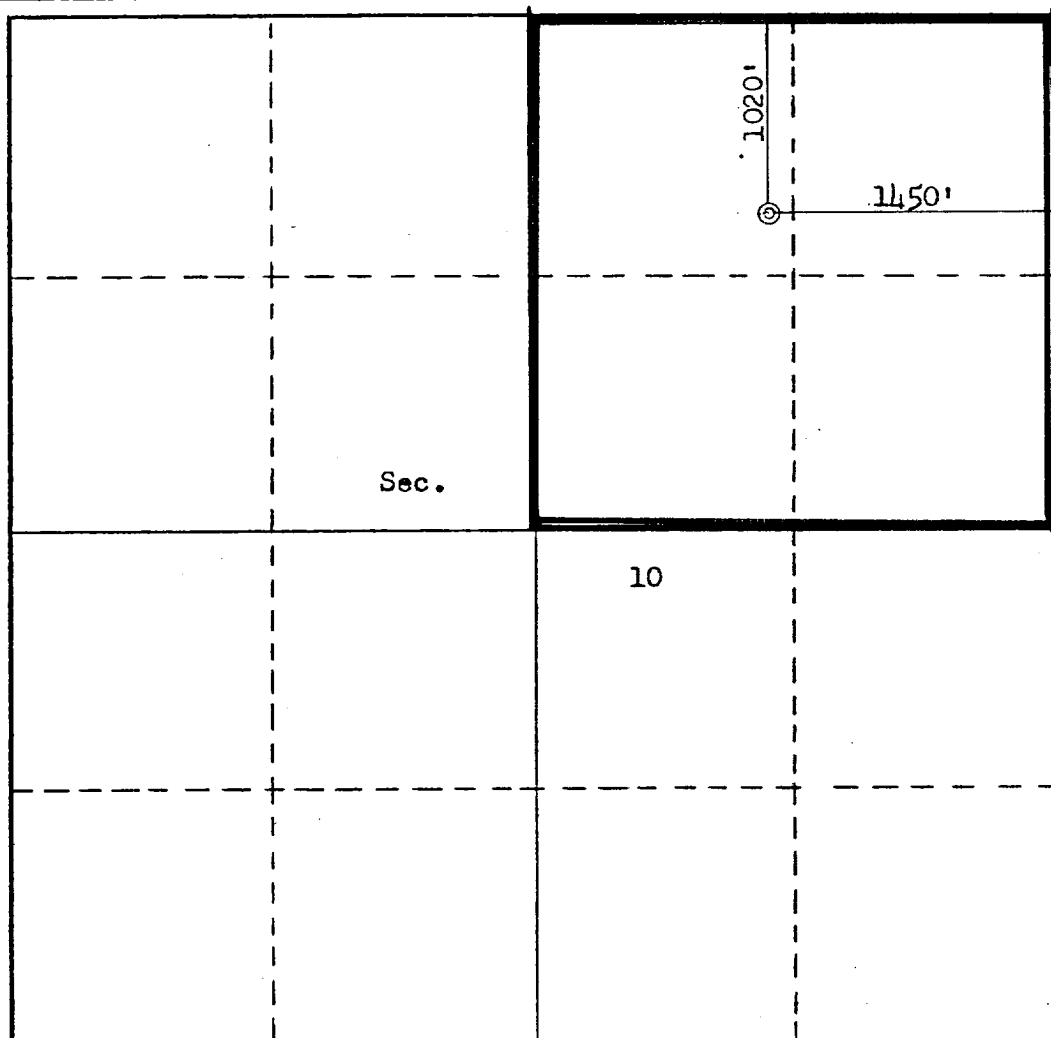
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>KELLY GAS COM "B"</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>10</b>	Township <b>30N</b>	Range <b>12W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1020</b> feet from the <b>North</b> line and <b>1450</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5740</b>	Producing Formation <b>Fruitland</b>	Pool <b>Flora Vista Fruitland</b>	Dedicated Acreage: <b>160</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 Communitization

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.

*B. E. Fackrell*

Name  
**B. E. FACKRELL**

Position  
**DISTRICT ENGINEER**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**AUGUST 22, 1979**

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. **DIST. 3**

Date Surveyed

**July 5, 1979**

Registered Professional Engineer  
and/or Land Surveyor

**Fred B. Kerr Jr.**

Certificate No.

**3950**

SUPPLEMENTAL INFORMATION TO FORM 9-331C  
KELLY GAS COM "B" NO. 1  
1020' FNL & 1450' FEL, SECTION 10, T30N, R12W  
SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary Nacimiento.

Estimated tops of important potential hydrocarbon bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Fruitland	1708'	+ 4045'
TD	2137'	3616'

Estimated KB elevation: 5753'.

Drilling fluid to TD will be a low solids non-dispersed mud system. Open hole logging program will include logs from TD to below surface casing:

Induction Electric - SP - Gamma Ray

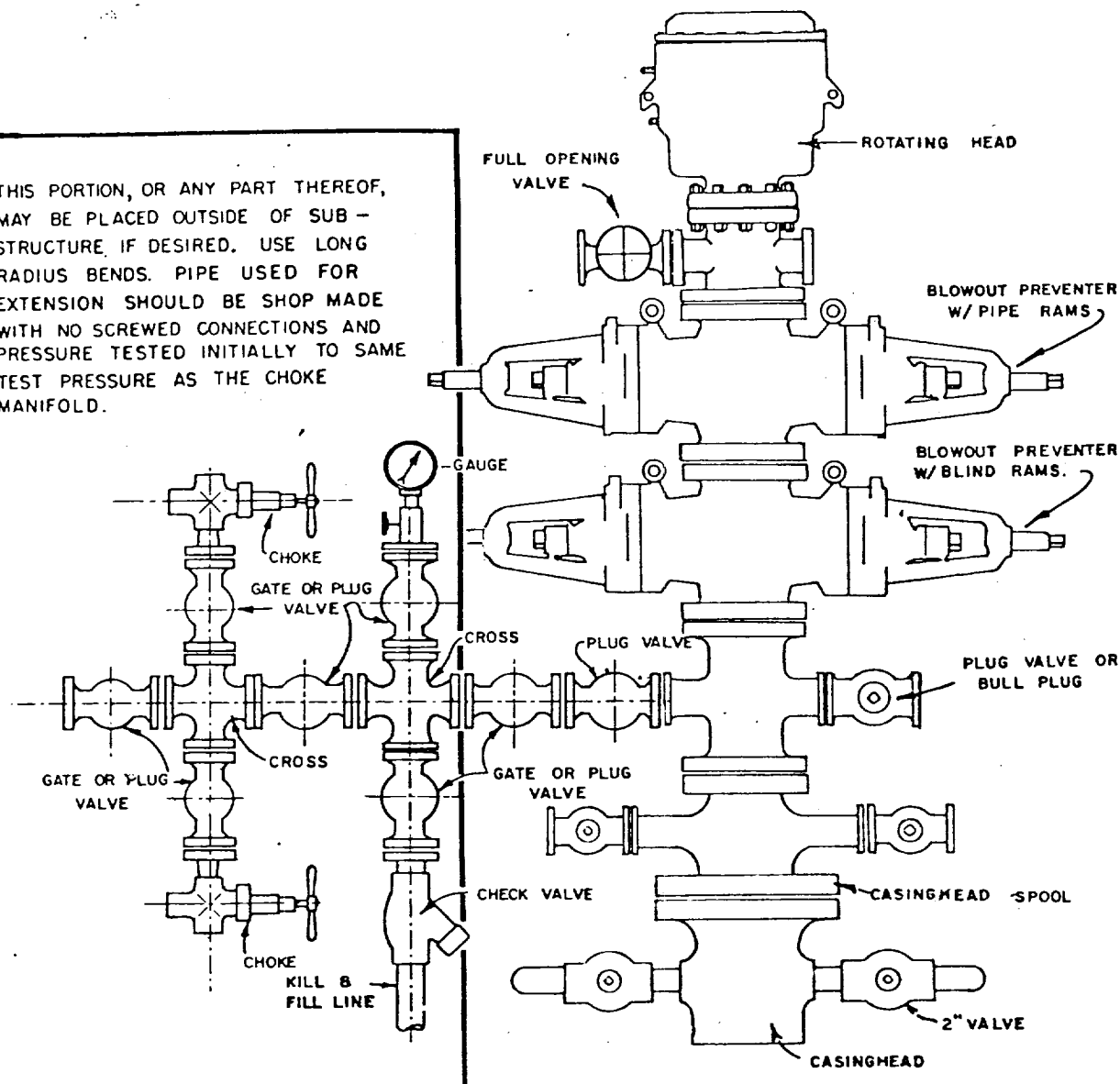
FDC - CNL - Gamma Ray

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately two weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

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

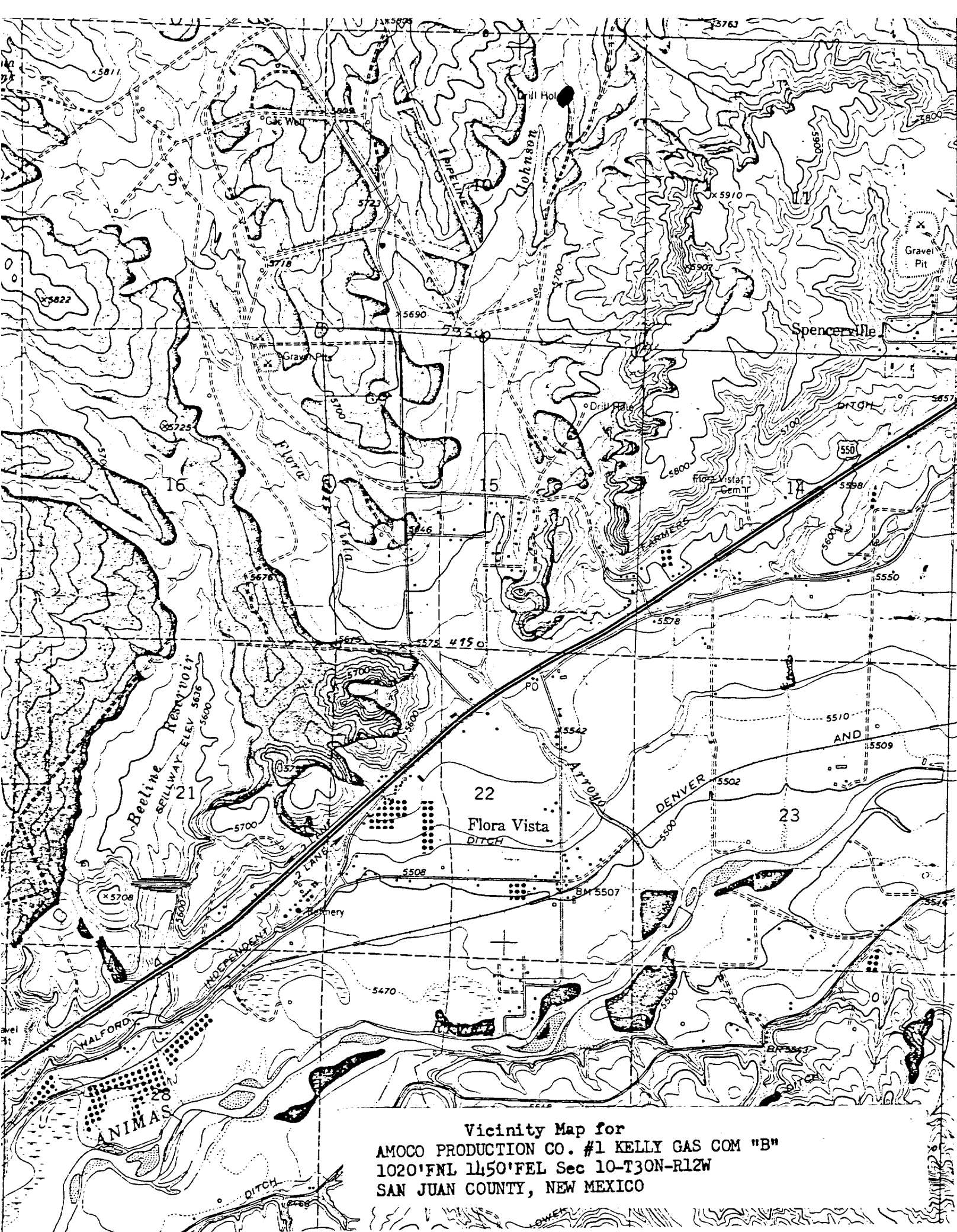
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1020' FNL & 1450' FEL, SECTION 10, T30N, R12W  
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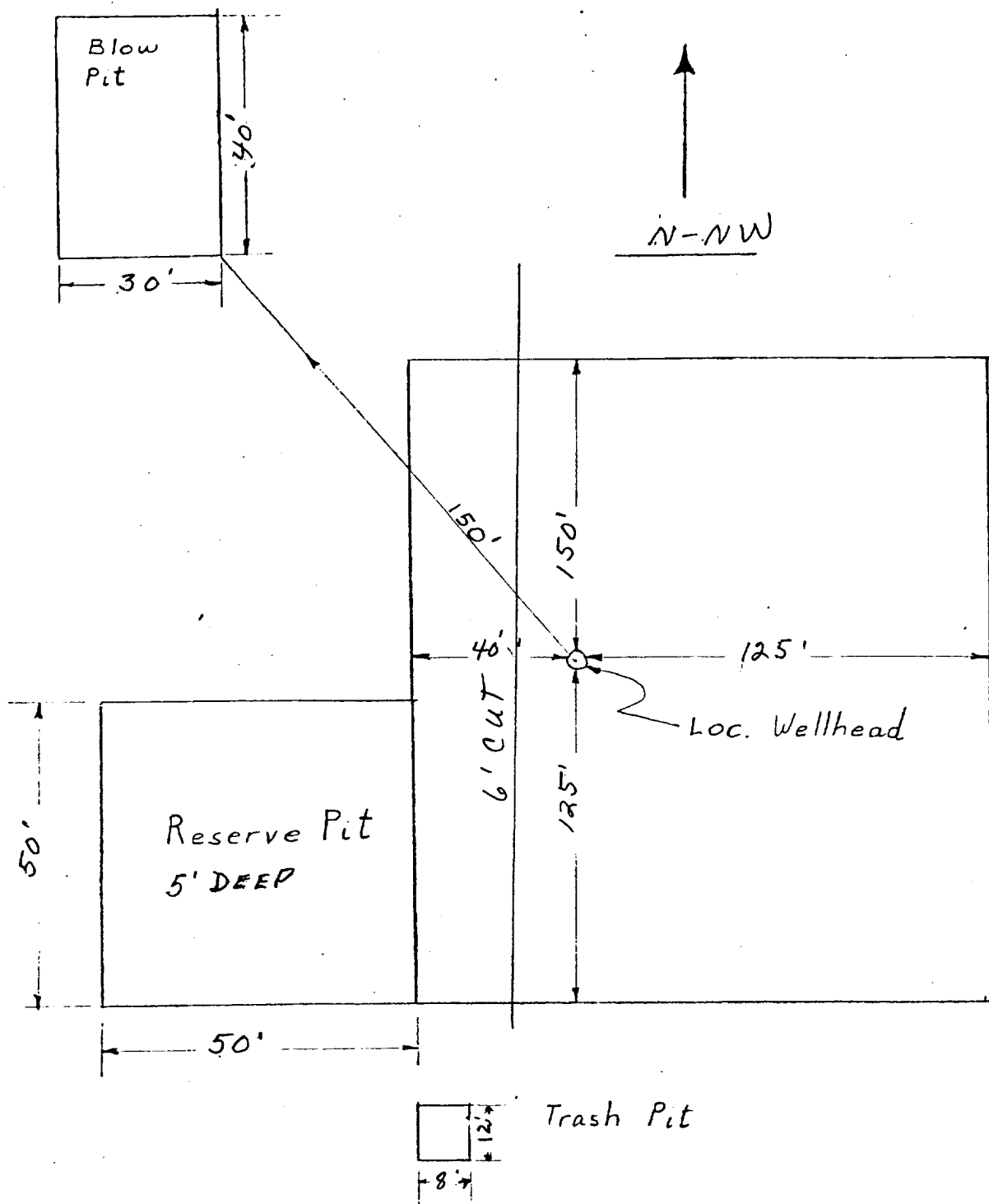
1. The attached topographic map shows the proposed route to the location.
2. It will be necessary to improve 1100 feet of an old road and build 300 feet of new road 20 feet wide.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There is a 380-barrel tank on Amoco's Kelly Well No. 5 located nearby.
5. Water will be hauled from Farmer's Ditch a distance of two miles.
6. No construction materials will be hauled in for this location.
7. A 50' by 50' pit will be built on location to hold all drilling waste. Upon completion of the well, the pit will be fenced and fluids allowed to dry out.
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 6-foot cut will be made on west side.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drilling mud will be hauled away and the reserve pit back filled. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
11. The general topography has a low, wooded ridge on one side with soil made up of a light tan loamy sand. Vegetation consists of pinon trees, with sage and snakeweed dominating.  
  
Representatives of the U. S. Geological Survey's Farmington office and the Bureau of Land Management will inspect the site with Amoco personnel. Cultural resources inspection was conducted by San Juan County Museum personnel.
12. Operator's Representative: R. W. Schroeder  
Phone: Office: 505-325-8841; Home: 505-325-6164  
Address: 501 Airport Drive, Farmington, NM 87401

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 the 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.

Date August 16, 1979

  
R. W. Schroeder, District Superintendent





Amoco Production Company

SCALE: NONE

DRILLING LOCATION SPECS  
KELLY GAS COM "B" NO. 1

DRG.  
NO.