

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

INFILL

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

O 900' FSL and 1820' FEL, Section 15, T29N, R12W

At proposed prod. zone

SAME

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

4-1/4 miles Southeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

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

900'

16. NO. OF ACRES IN LEASE

320.00

18. DISTANCE FROM PROPOSED LOCATION*

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

3650'

19. PROPOSED DEPTH

6410'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E/320

20. ROTARY OR CABLE TOOLS

Rotary

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

5547' 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'	300 sx Class "B" Neat
7-7/8"	4-1/2" (New)	11.6#	6410'	1340 sx Class "B" 50:50 POZ
				125 sx Class "B" Neat

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMOCC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V.

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

RECEIVED

NOV 16 1979

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.ADDITIONAL WELL INFORMATION: ORDER R-1670-V.
U.S.G.S. REGISTRATION DATE: MAY 2, 1979.

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. Jackwell

TITLE

District Engineer

DATE

November 14, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ch Frank

NMOCC

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

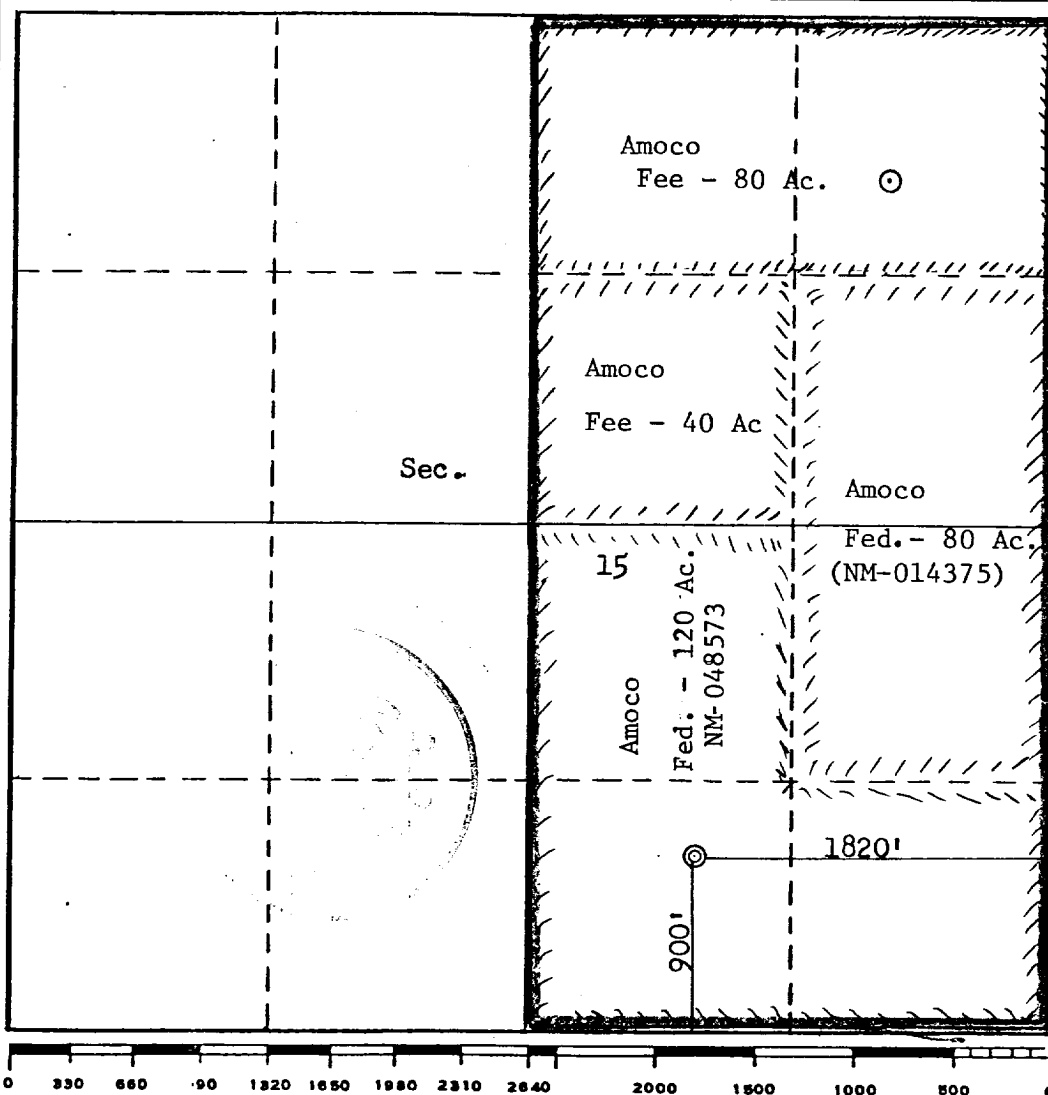
Operator AMOCO PRODUCTION COMPANY			Lease BRUINGTON GAS COM "B"		Well No. 1-E
Unit Letter 0	Section 15	Township 29N	Range 12W	County San Juan	
Actual Footage Location of Well: 900 feet from the South line and 1820 feet from the East line					
Ground Level Elev. 5547	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 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 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

OCTOBER 3, 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.

Date Surveyed

October 3, 1979

Registered Professional Engineer and/or Land Surveyor No.

3250

Fred E. Kerr, Jr.

Certificate No. **3950**

3950

SUPPLEMENTAL INFORMATION TO FORM 9-331C

BRUINGTON GAS COM "B" NO. 1E
900' FSL & 1820' FEL, SECTION 15, T29N, 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	1175'	+4385'
Pictured Cliffs	1605'	+3955'
Mesaverde	3135'	+2425'
Dakota	6052'	- 492'
TD	6410'	

Estimated KB elevation: 5560'.

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 - GR

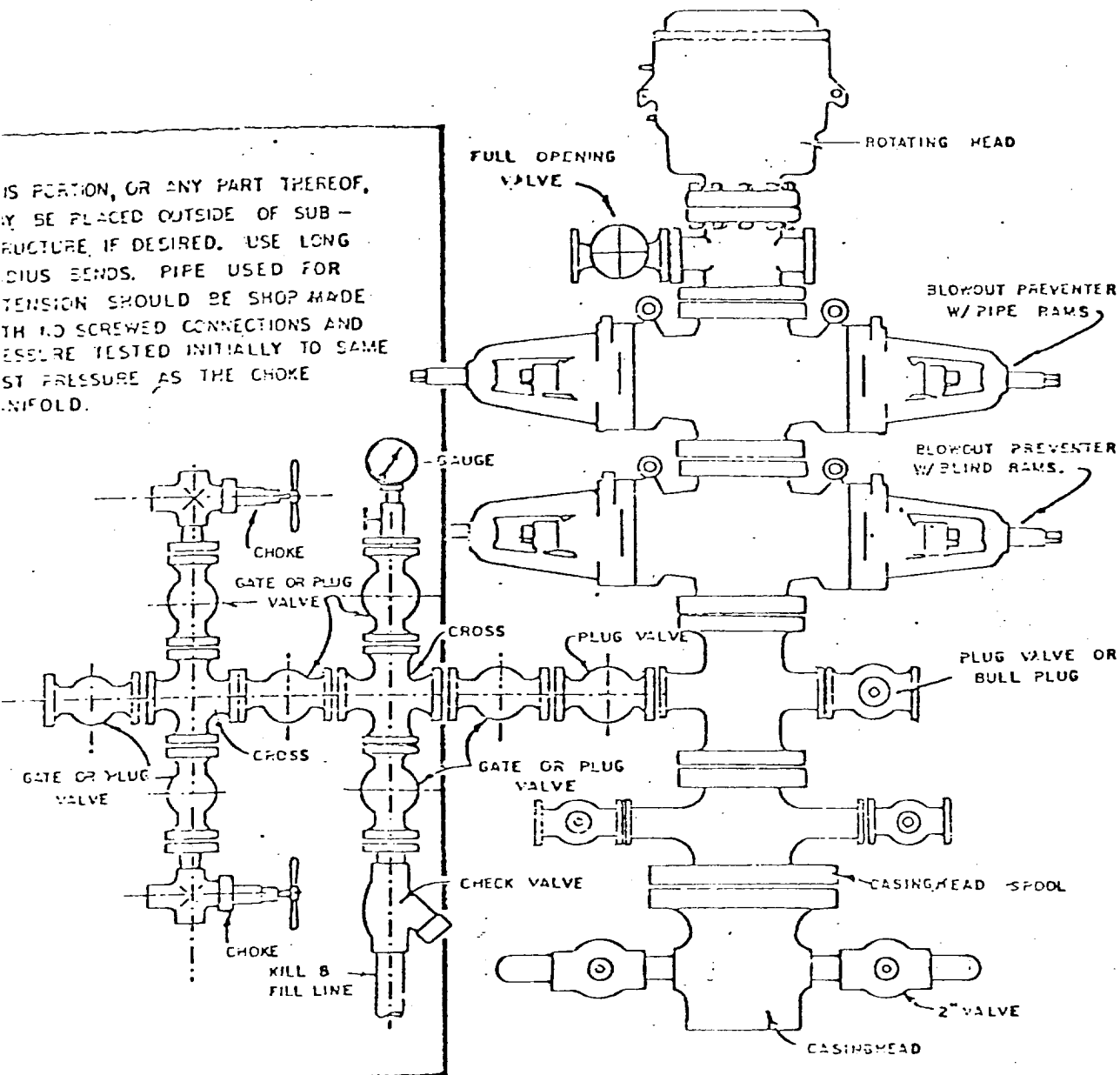
Compensated Formation Density - Compensated Neutron Density - GR

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 3 weeks.

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

IS PORTION, OR ANY PART THEREOF,
 Y BE PLACED OUTSIDE OF SUB -
 RUCTURE, IF DESIRED. USE LONG
 DIUS BENDS. PIPE USED FOR
 TENSION SHOULD BE SHOP MADE
 TH 1.0 SCREWED CONNECTIONS AND
 ESSURE TESTED INITIALLY TO SAME
 ST PRESSURE AS THE CHOKE
 NIFOLD.



BLOWOUT PREVENTER HOOKUP

MULTI-POINT SURFACE USE PLAN

BRUINGTON GAS COM "B" NO. 1E
900' FSL & 1820' FEL, SECTION 15, T29N, R12W
SAN JUAN COUNTY, NEW MEXICO

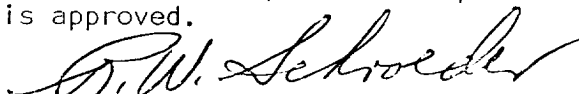
1. The attached topographic map shows the proposed route to the location.
2. It will be necessary to build approximately four-tenths mile of road 20 feet wide and which will cross two washes.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There is a 380-barrel tank and facilities located at Bruington Gas Com "B" Well No. 1.
5. Water will be hauled from the San Juan River.
6. No construction materials will be hauled in for this location.
7. A 100' by 100' pit will be built on location to hold all drilling waste. Upon completion of the well, pit will be fenced and waste and liquids left to dry, then pit will be filled and leveled.
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 5-foot cut will be made on east 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 is a mesa with sandy-loam soil; vegetation consists of native grasses with scattering of cedar trees.

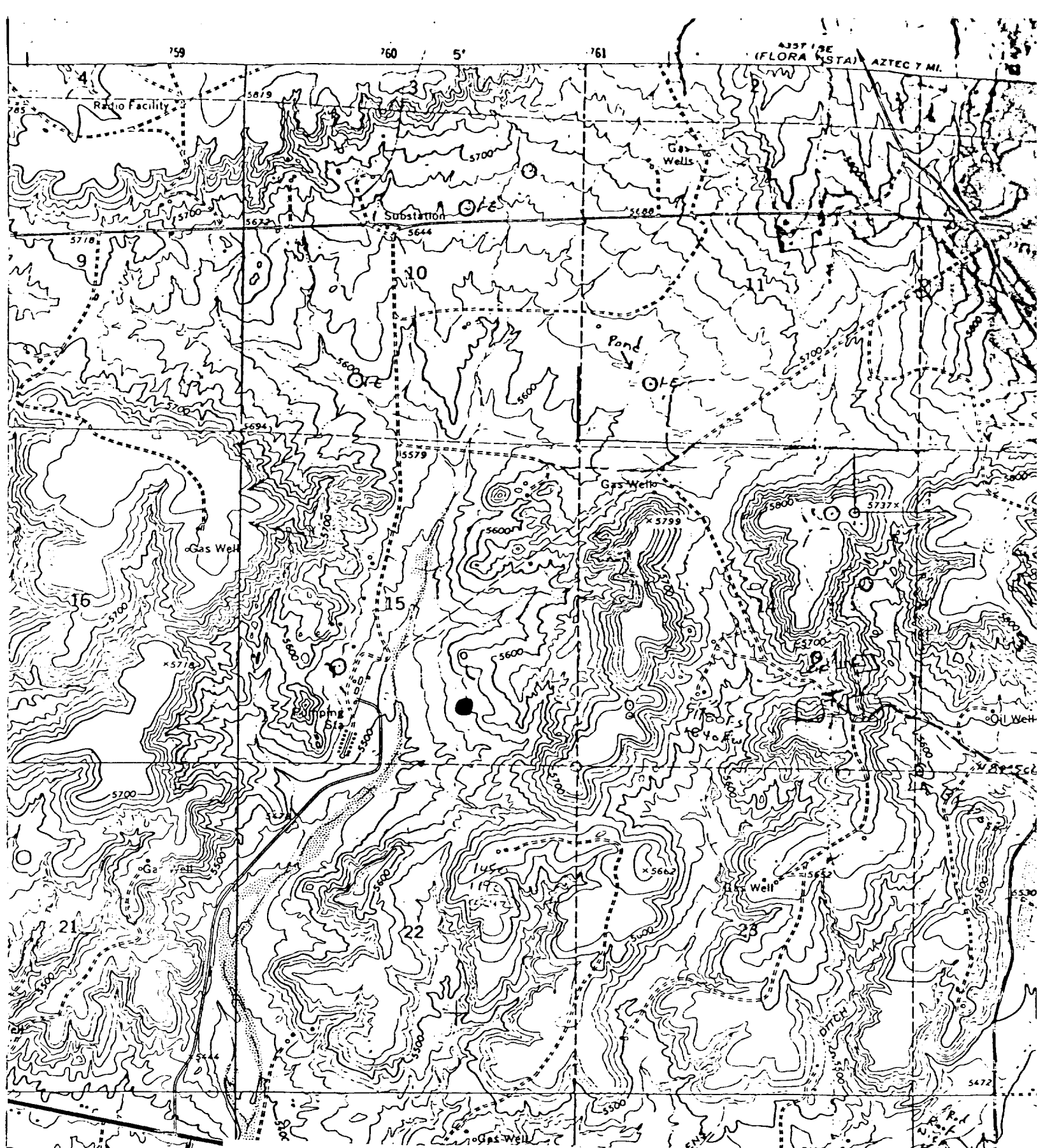
Representatives of the U. S. Geological Survey's Farmington Office and the Bureau of Land Management inspected the site with Amoco personnel. Cultural resources inspection was conducted by an archaeologist from San Juan College.

12. Operator's Representative: R. W. Schroeder
Phone: Office: 505-325-8841; Home: 505-325-6164
Address: 501 Airport Drive, Farmington, NM 87401

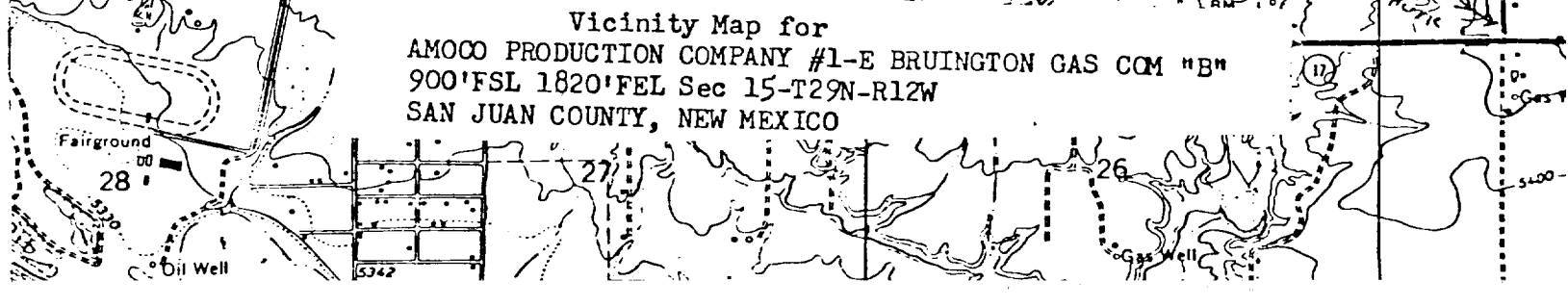
Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the 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.

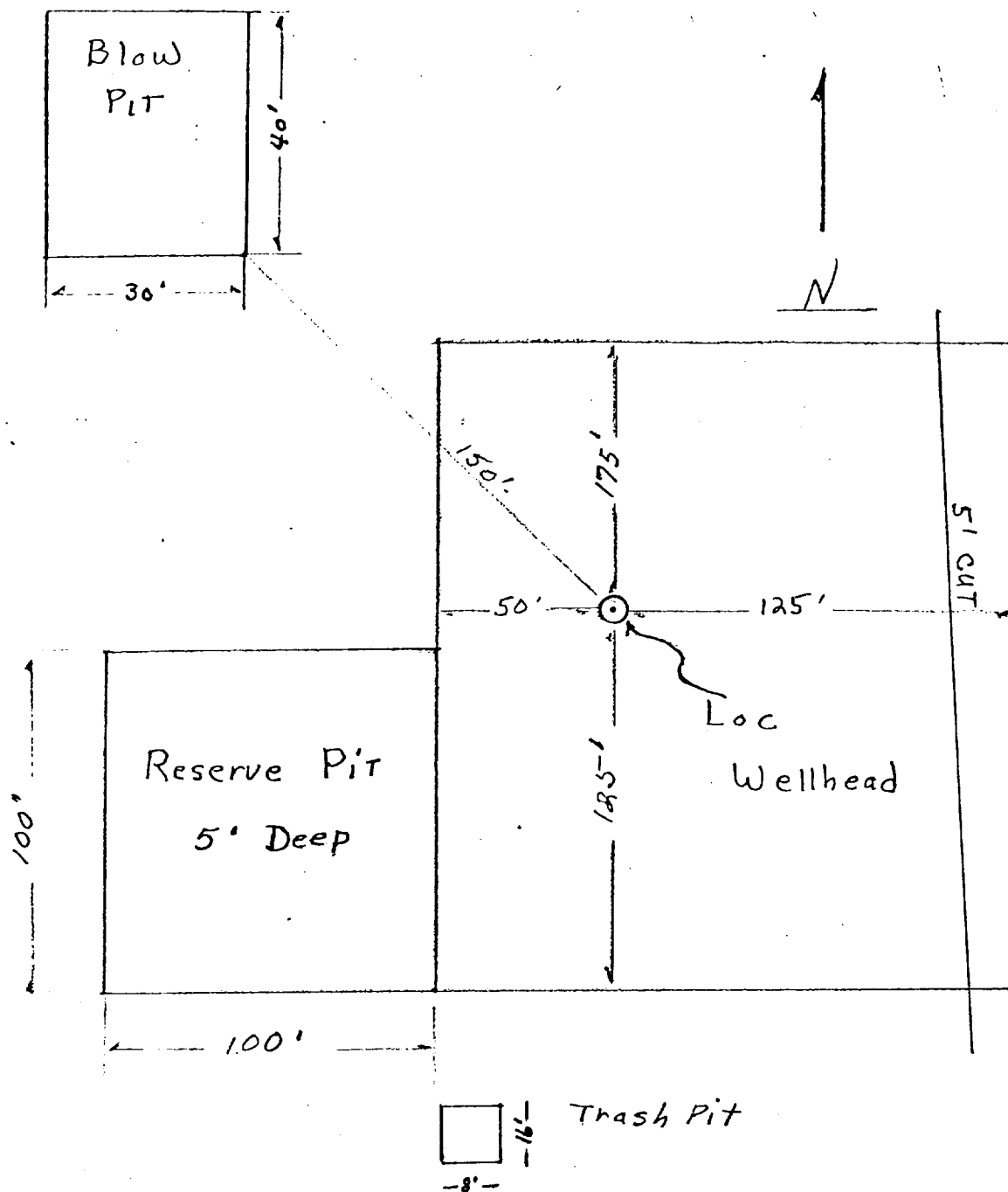
Date October 31, 1979


R. W. Schroeder, District Superintendent



Vicinity Map for
AMOCO PRODUCTION COMPANY #1-E BRUINGTON GAS COM "B"
900' FSL 1820' FEL Sec 15-T29N-R12W
SAN JUAN COUNTY, NEW MEXICO





Approximately 1.2 Acres

Amoco Production Company		SCALE: <i>NONE</i>
Drilling Location Specs		
BRINGTON GAS COM "B" NO. 1E		DRG. NO.