

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-075-246
5. LEASE DESIGNATION AND SERIAL NO.
SF-077875

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

P. O. Pipkin

9. WELL NO.

3E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR B.L.K.

AND SURVEY OR AREA
NE/4, SE/4, Section 17
T27N, R10W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

1525' FSL and 970' FEL, Section 17, T27N, R10W
At proposed prod. zone

Same

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

10 miles Southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

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

970'

16. NO. OF ACRES IN LEASE

2543.26 2080

17. NO. OF ACRES ASSIGNED

TO THIS WELL 17/320

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

2599'

19. PROPOSED DEPTH

6028'

20. ROTARY OR CABLE TOOLS

Rotary

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

5973' 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# K-55	300'	300 sx Class B w/2% CaCl2-circ
7-7/8"	4-1/2" (New)	10.5# K-55	6028'	1st Stage-262 sx CI B 50:50 POZ,
				2nd Stage-1046 sx 6% gel, 2# med

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the AMOCO on May 22, 1972. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V.

DV Tool set at 4500'.

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



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 prevention program, if any.

APPROVED

R. A. Blouney

TITLE District Engineer

DATE August 20, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

R. A. Blouney

TITLE

DATE

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

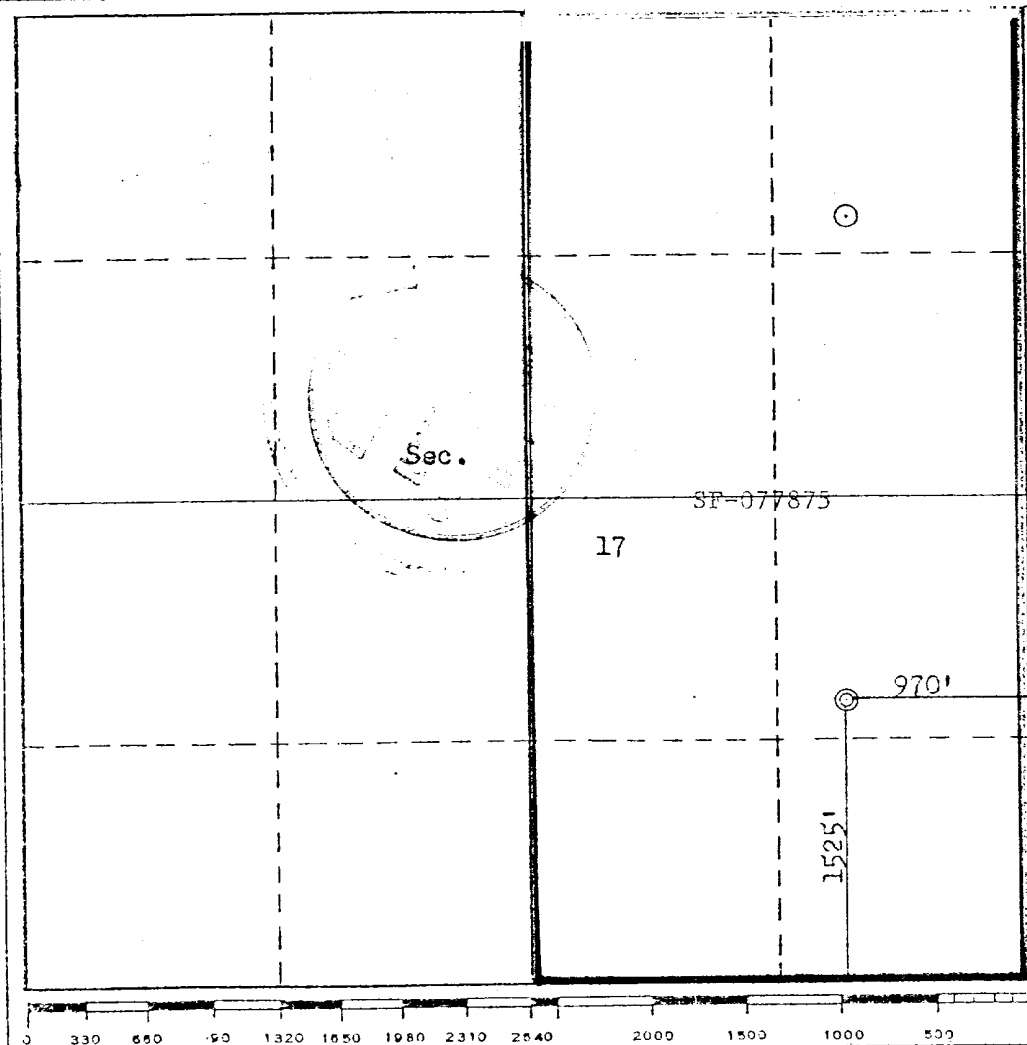
Operator AMOCO PRODUCTION COMPANY			Lease P.O. PIPKIN		Well No. 3E
Unit Letter I	Section 17	Township 27N	Range 10W	County San Juan	
Actual Footage Location of Well: 1525 feet from the South line and 970 feet from the East line					
Ground Level Elev. 5973	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Jointly Owned Acreage - All owners approve drilling the well.

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

MAY 21, 1980

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

May 13, 1980

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3930**

SUPPLEMENTAL INFORMATION TO FORM 9-331C

P. O. PIPKIN NO. 3E

1525' FSL & 970' FEL, SECTION 17, T27N, R10W

SAN JUAN COUNTY, NEW MEXICO

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

Estimated tops of important geologic markers and potential water, oil, or gas bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Ojo Alamo	741 '	+5245'
Kirtland	905 '	+5081'
Fruitland	1520 '	+4466'
Pictured Cliffs	1774 '	+4212'
Chacra (if present)	'	'
Mesaverde	[Cliff House 3320 '	+2666'
	[Point Lookout 4209 '	+1777'
Gallup	5309 '	+ 677'
Dakota	6210 '	- 224'
TD	6028 '	- 426'

Estimated KB elevation: 5986 '

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

SP-Induction-GR

FDC-CNL-GR

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

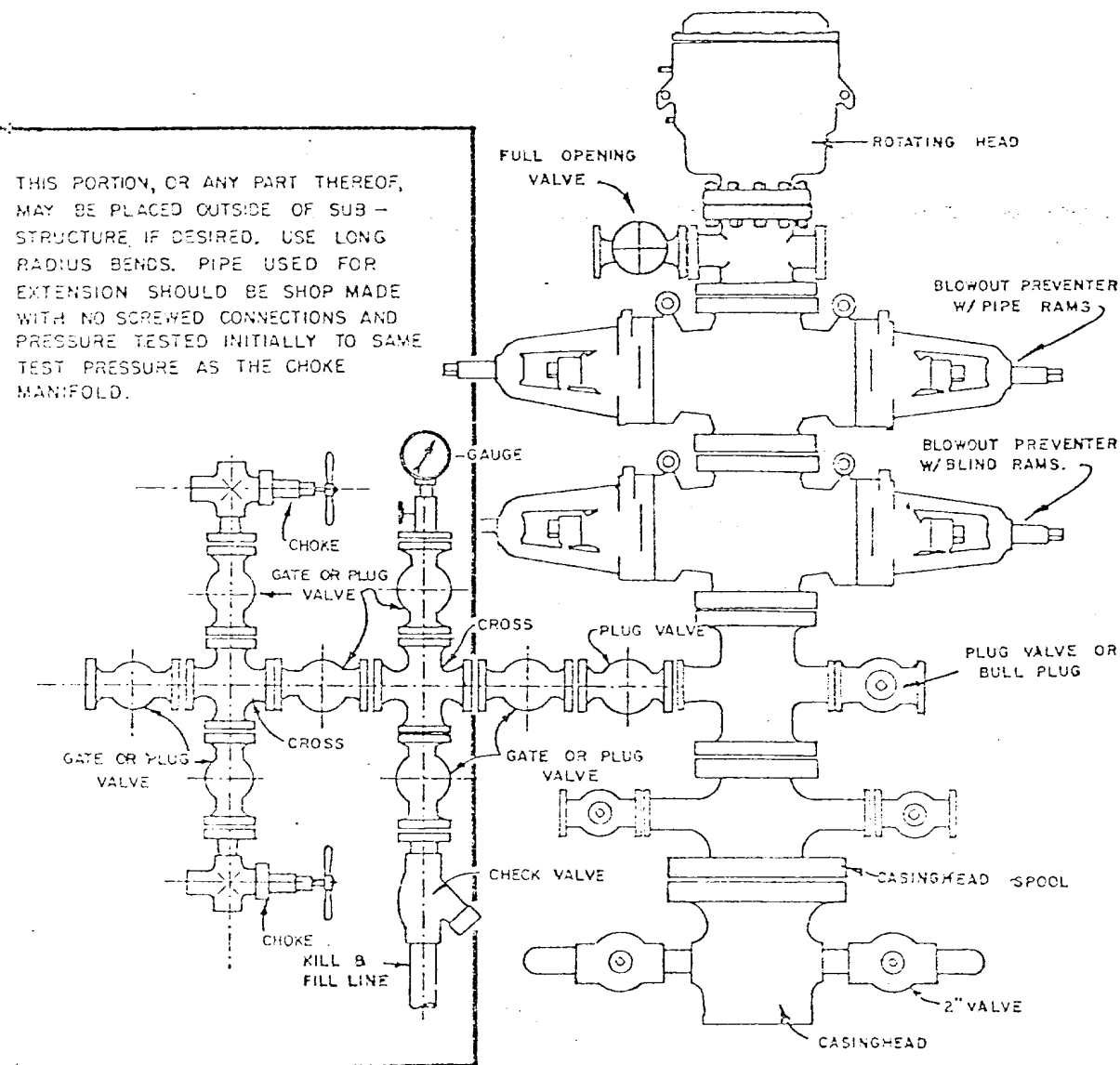
Operations will commence when permitted and last approximately 3 weeks.

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

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

1. Blowout Preventers and Master Valve to be fluid operated, and all fittings must be in good condition.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above Blowout Preventer shall be same size or larger than BOP being drilled through.
4. All fittings to be flanged.
5. Omsco or comparable safety valve must be available on rig floor at all times with proper connection or sub. The I.D. of safety valve should be as great as I.D. of tool joints of drill pipe, or at least as great as I.D. of drill collars.

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

API Series # 900

EXHIBIT D-4

OCTOBER 16, 1969

Operation of BOP by closing both pipe and blind rams will be tested each trip or, on long bit runs, pipe rams will be closed once each 24 hours.

MULTI-POINT SURFACE USE PLAN

P. O. PIPKIN NO. 3E
1525' FSL & 970' FEL, SECTION 17, T27N, R10W
SAN JUAN COUNTY, NEW MEXICO

1. The attached topographic map shows the proposed route to the location.
2. It will not be necessary to build any access road.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the lease road map.
4. There is a 380-barrel tank and facilities located at P. O. Pipkin Well No. 4, approximately one-half mile west.
5. Water will be hauled from Kutz Wash water holes.
6. No construction materials will be hauled in for this location.
7. A 150' by 150' 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. If any liquids remain, they will be hauled away prior to back filling.
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 south corner.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
11. The general topography is a gently sloping area to the north with a sandy loam soil covered with sagebrush and native grasses.

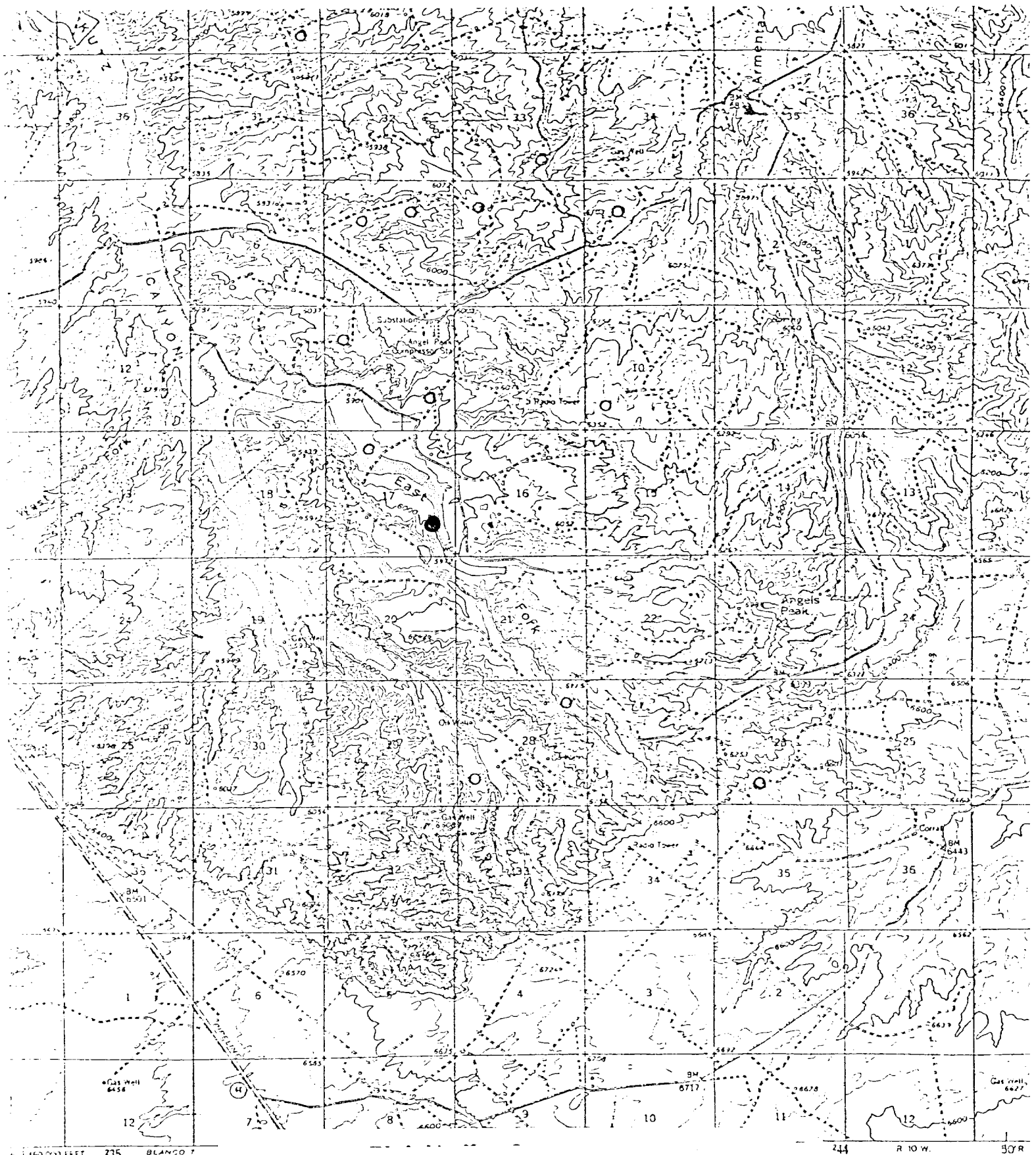
Representatives of the U. S. Geological Survey's Farmington Office and the Bureau of Land Management inspected the site with Amoco personnel. Cultural resources inspection was conducted by an archaeologist from San Juan College.

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 August 19, 1980


R. W. Schroeder, District Superintendent



1:49,000 FEET 235 BLANCO 7

Geological Survey

Original Serial
1960

Coordinate system,
UTM

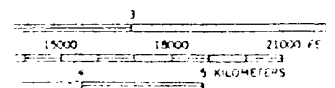
Grid ticks

UTM GRID AND 1943 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

31M

Vicinity Map for
AMOCO PRODUCTION CO. #3E P.O. PIPKIN
1525'FSL 970'FEL Sec. 17-T27N-T10W
SAN JUAN COUNTY, NEW MEXICO

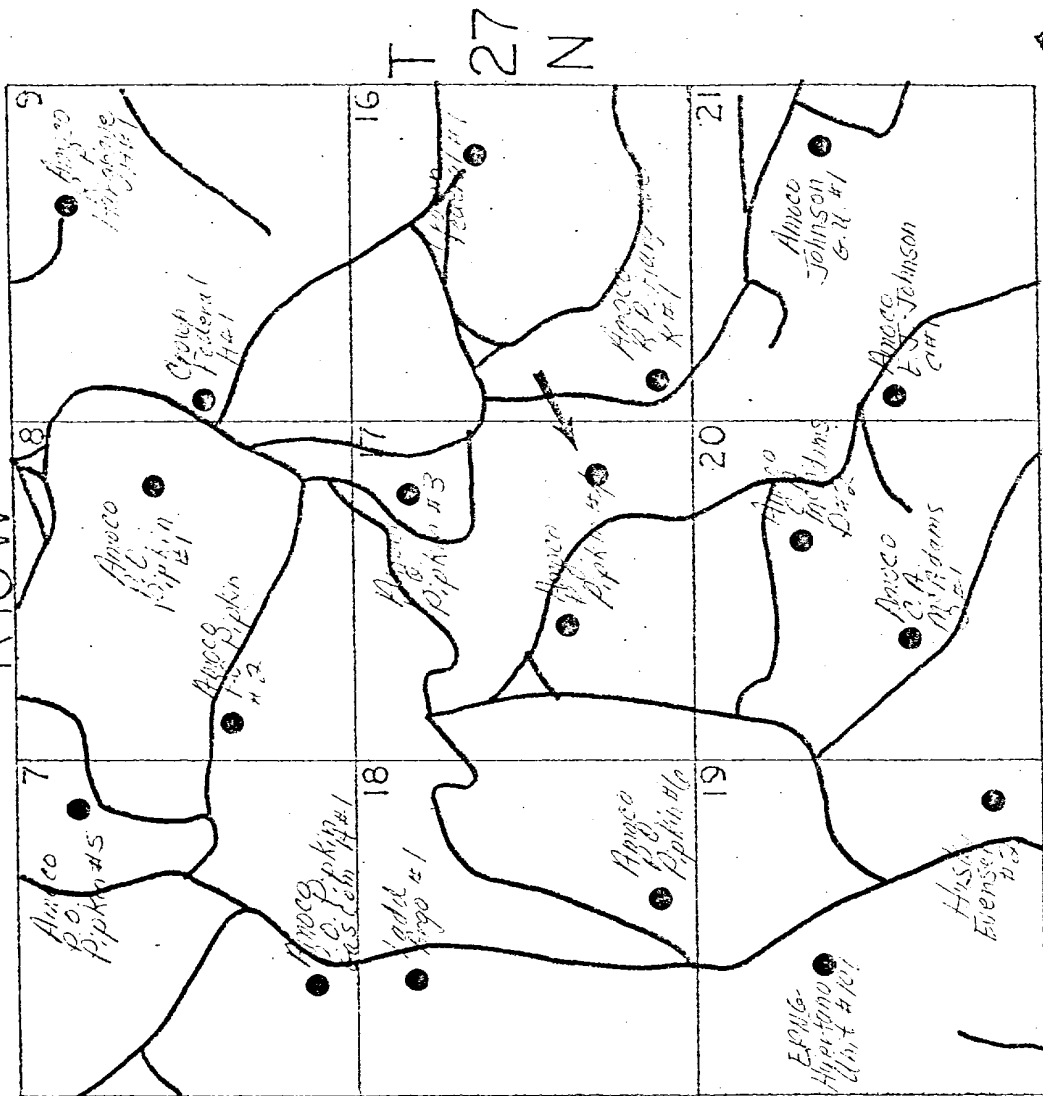
DATUM IS MEAN SEA LEVEL



THIS MAP COMPILED WITH NATIONAL MAP ACCURACY STANDARDS

P. O. PIPKIN #3E

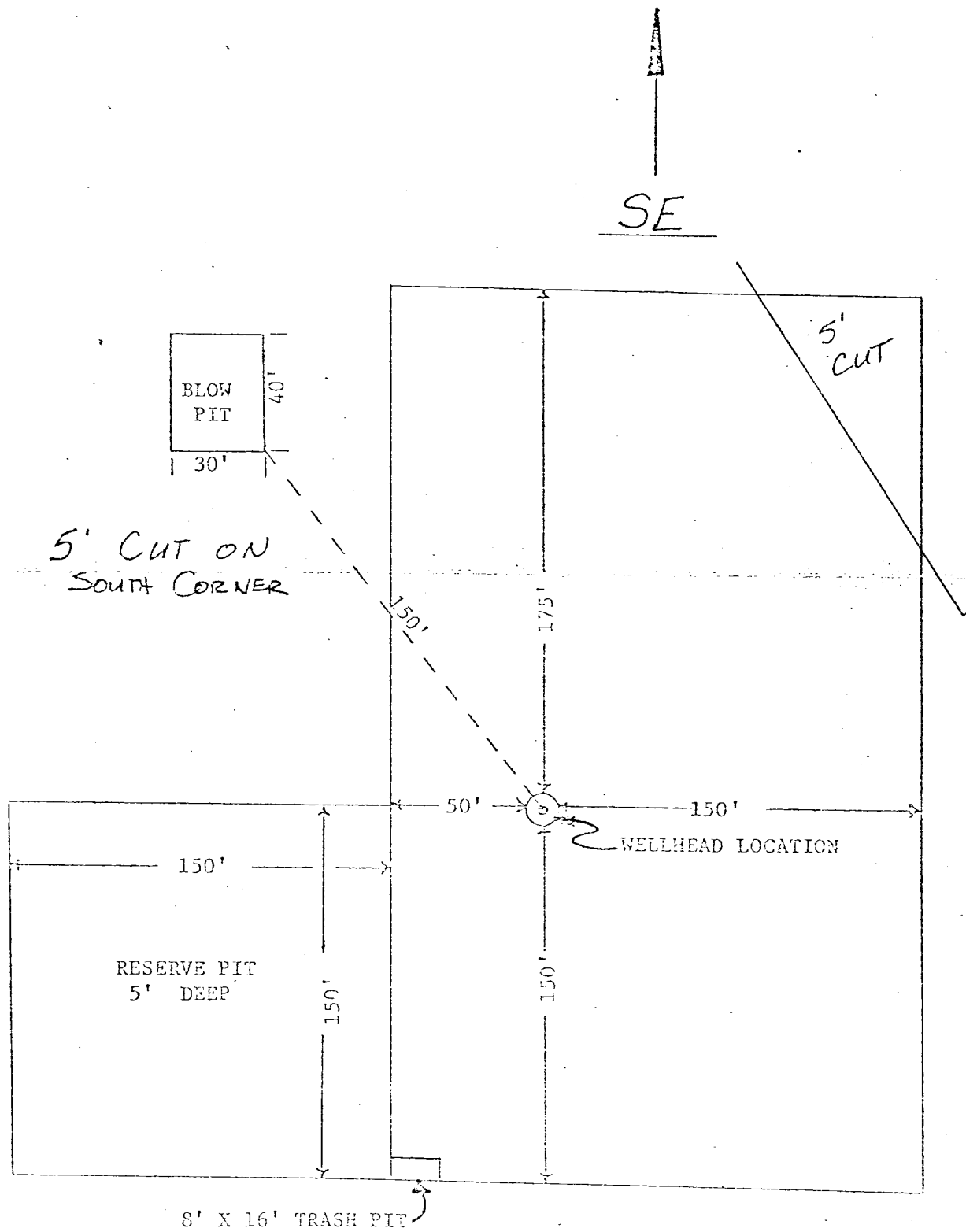
RIOW



EXISTING DAKOTA WELLS

PROPOSED WELL LOCATION

ROADS



APPROXIMATELY 1.2 ACRES

Amoco Production Company
 DRILLING LOCATION SPECIFICATIONS
 P.O. Pipkin No. 3E

SCALE: 1"=50'

DRG.
 NO.