

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAPI 30-045-22056
5. LEASE DESIGNATION AND SERIAL NO.

SF 078139

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

1640' FNL & 1050' FWL, Section 9, T-30-N, R-9-W

At proposed prod. zone

Same

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

Approximately 7 miles north of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1050'

18. DISTANCE FROM PROPOSED LOCATION*

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

2500'

16. NO. OF ACRES IN LEASE

247

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N / 320

19. PROPOSED DEPTH

5400'

20. ROTARY OR CABLE TOOLS

Rotary

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

6219' GL est.

22. APPROX. DATE WORK WILL START*

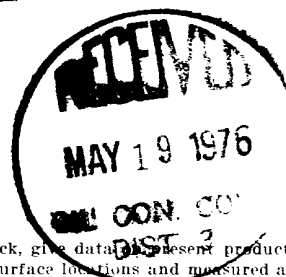
Within 90 days

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	9-5/8"	36#	350'	200 sx
8-3/4"	7"	23#	3350'	500 sx
6-1/4"	4-1/2"	10.5#	3150-5400'	400 sx

Amoco proposes to drill the above well to prevent drainage caused by offsetting infill drilling. The well will be drilled thru the Mesaverde formation using rotary tools with gas as a circulating media from 3200' to TD. Completion design will be based on open hole logs. A diagram and acreage plat are attached. A copy of all logs will be filed with your office on completion. The acreage is dedicated to El Paso Natural Gas Company.



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

Area Engineer

DATE

May 17, 1976

(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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

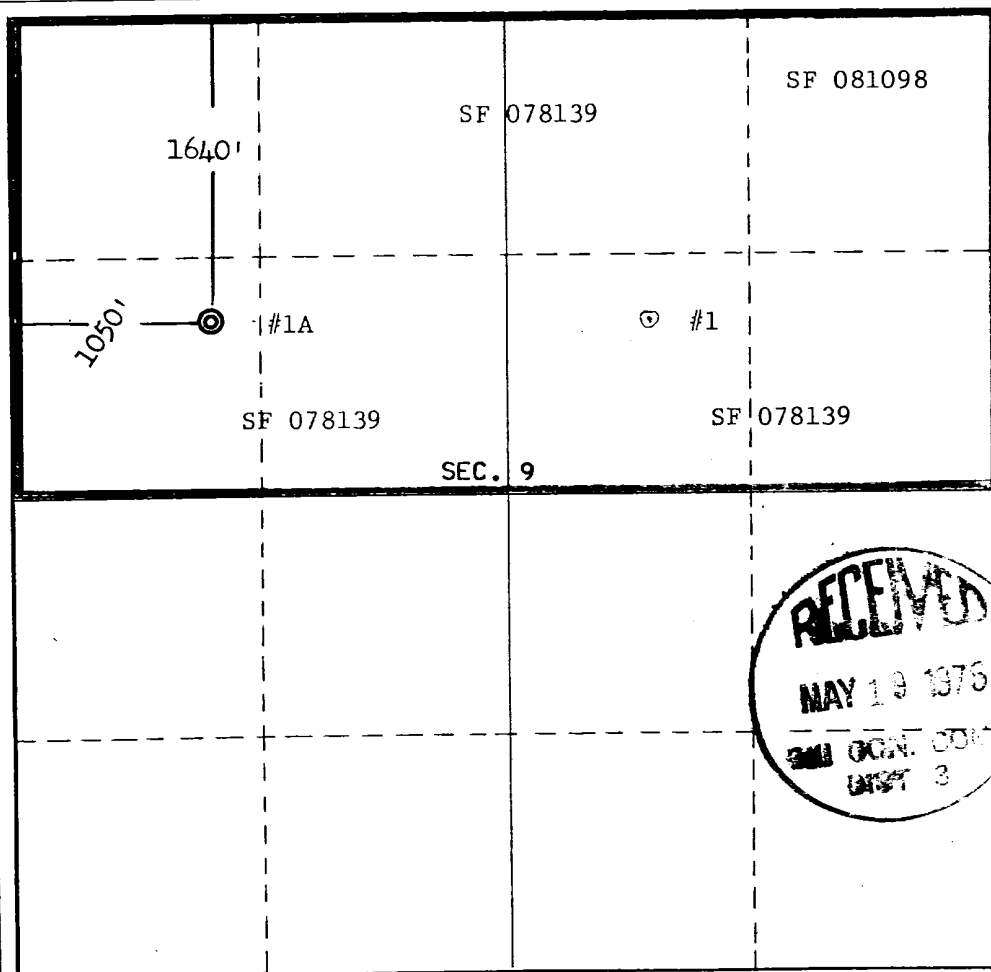
Operator Amoco Production Company			Lease Elliott Gas Com "C"		Well No. 1A
Unit Letter E	Section 9	Township 30 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1640 feet from the North line and 1050 feet from the West line					
Ground Level Elev. 6219 est.	Producing Formation Mesaverde	Pool Blanco Mesaverde		Dedicated Acreage: N/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 _____

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.

H. D. Montgomery
Name
H. D. Montgomery

Position
Area Engineer

Company
AMOCO PRODUCTION COMPANY

Date
May 14, 1976

REGISTERED LAND SURVEYOR
STATE OF NEW MEXICO
Reg. No. **3602**
E. V. ECHOHAWK

Date Surveyed
May 7, 1976

Registered Professional Engineer
and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**
E.V.Echohawk LS

DEVELOPMENT PLAN
ELLIOTT GAS COM "C" NO. 1A
1640' FNL & 1050' FWL, SECTION 9, T-30-N, R-9-W
SAN JUAN COUNTY, NEW MEXICO

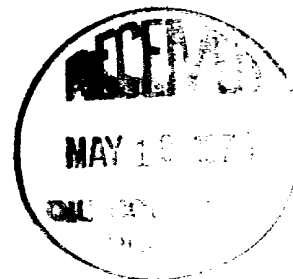
The proposed location is located on hard sandy clay soil with few cedars and pinon and mostly sagebrush; approximately 50 feet of new road will be constructed to location from existing road. Verbal approval has been obtained from Mr. Bob Moore, U.S.G.S.; Greg Majkrzak, BLM; and Pat Sarnalsky, Archaeologist.

Arrangements are being made to haul water from the San Juan River, approximately 7 miles. Drilling fluid to 3350' will be a low solids, non-dispersed drilling mud, and gas drilled from 3350' to TD. Upon completion the location will be cleaned up, leveled and reserve pit backfilled.

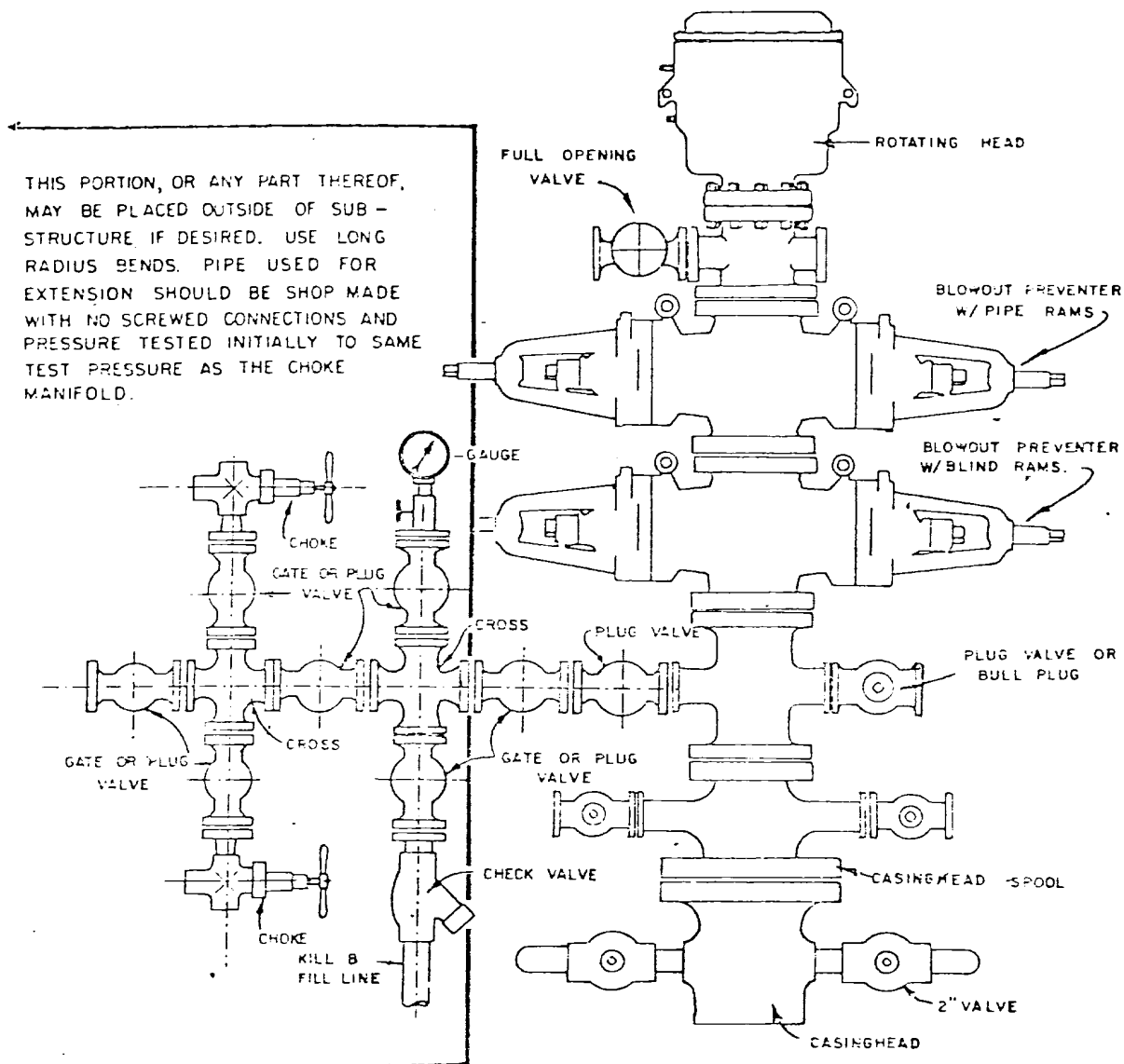
There are no airstrips or camps in the vicinity.

Amoco's standard blowout prevention will be employed, see attached drawing for blowout preventer design.

We believe that the development plan and drawings will answer any questions which might arise as to the proposed drill site.



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

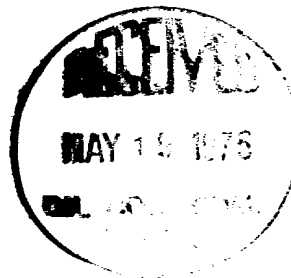
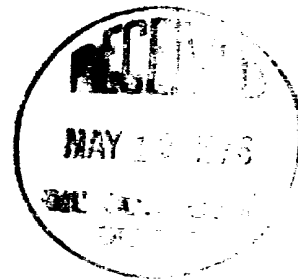
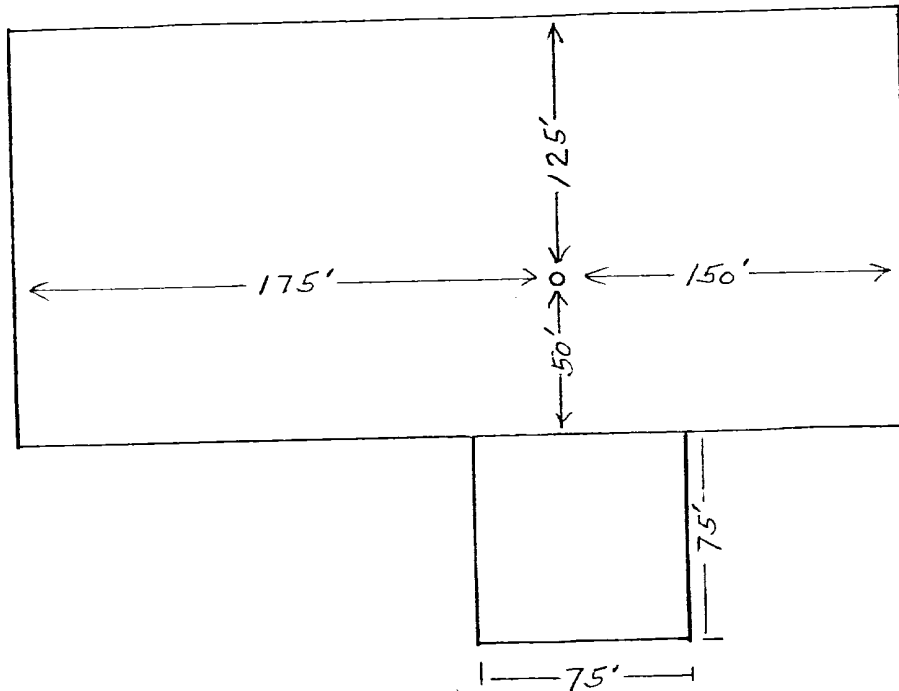


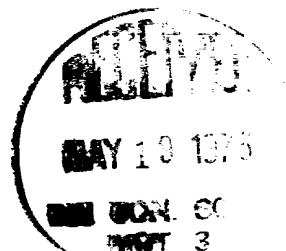
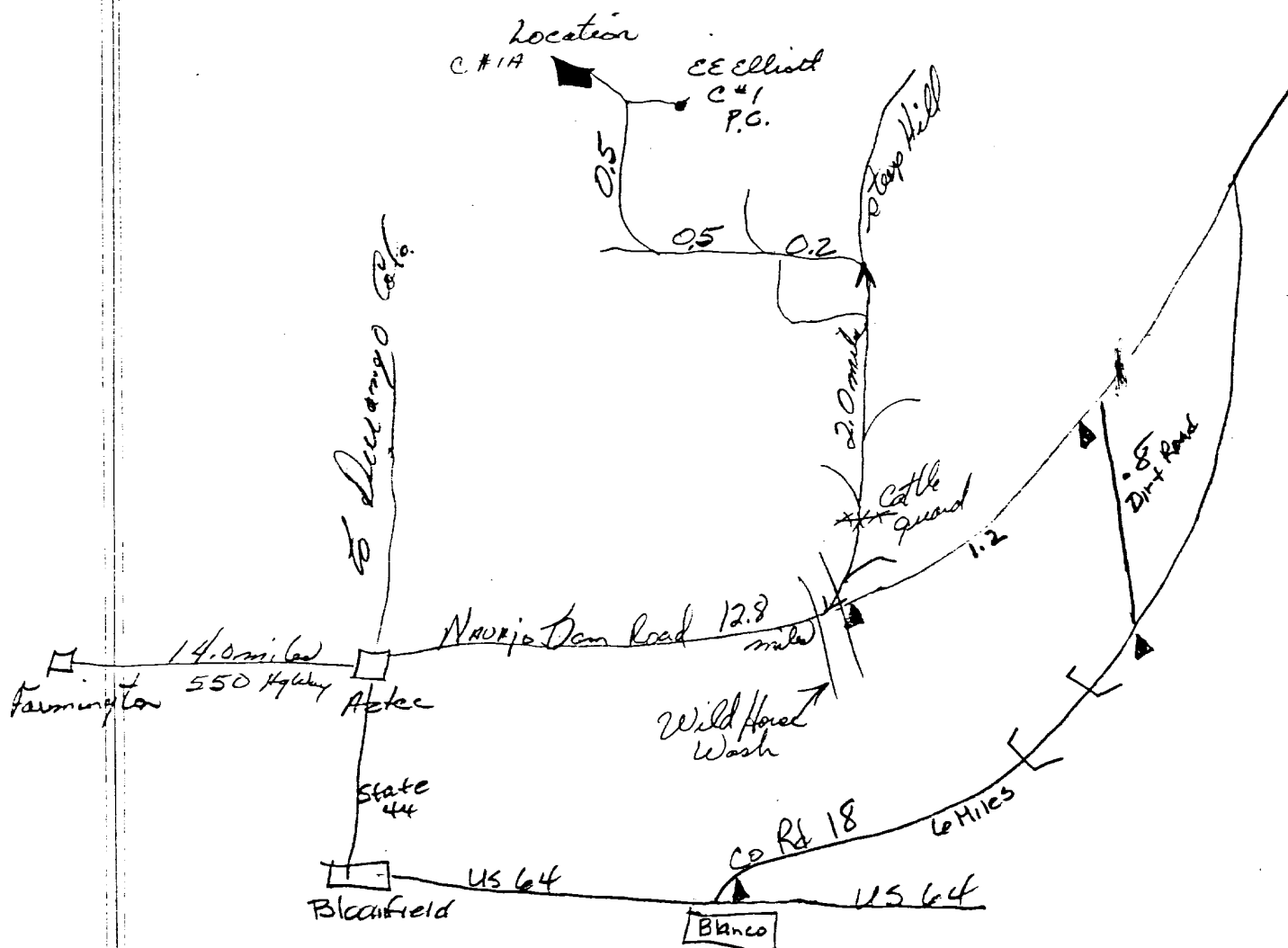
EXHIBIT D-4
OCTOBER 16, 1969

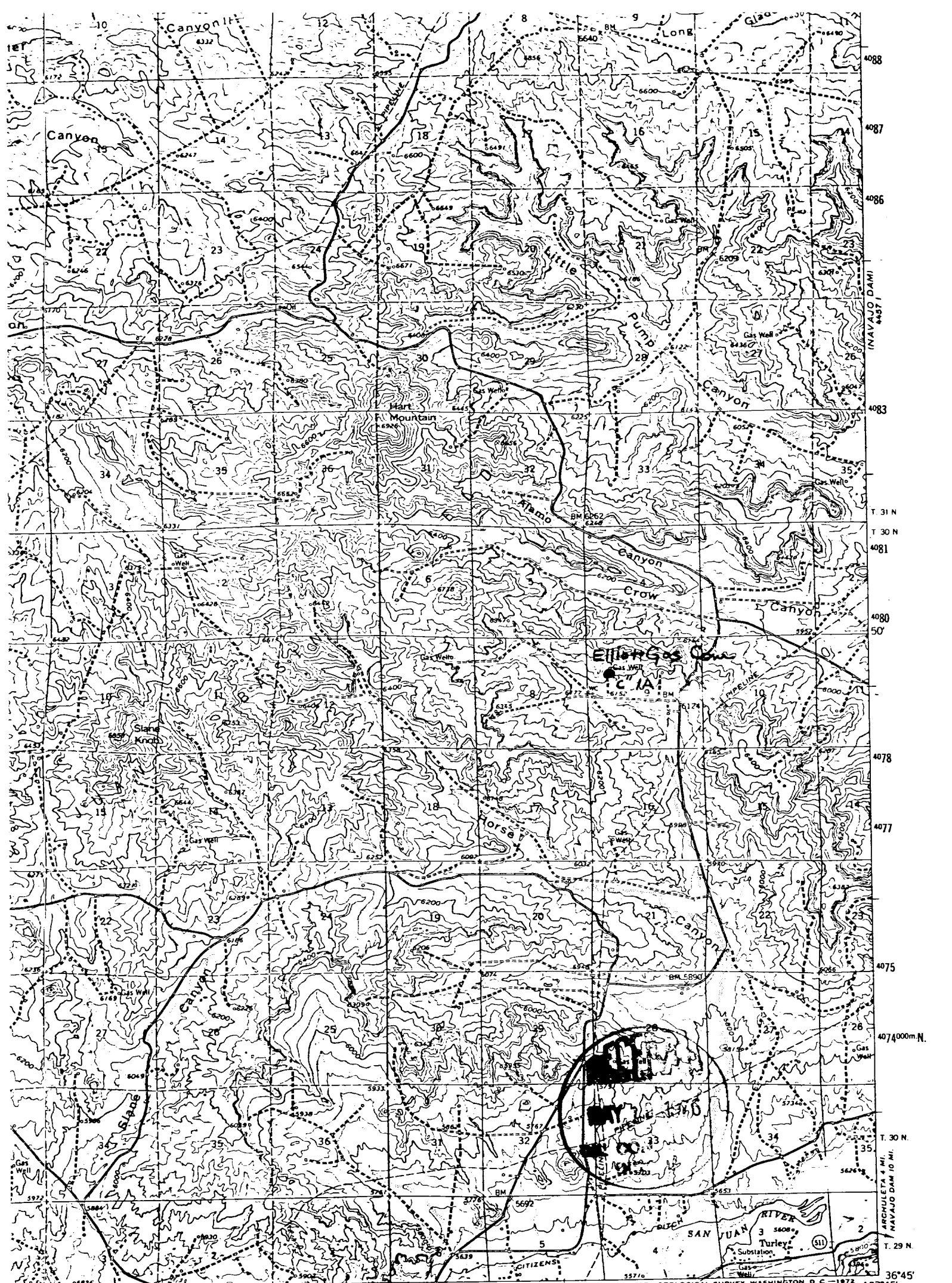
4
N



Amoco Production Company	SCALE:
ELLIOTT GAS COM "C" NO. 1A	
NW/4 SECTION 9, T-30-N, R-9-W	DRG.
SAN JUAN COUNTY, NEW MEXICO	NO.

Legal: - Elliott Gas Com C Well 1 A
NW/4 Section 9 T30N R9W
1640 FNL 1050 FWL
San Juan County N. Mexico





SCALE 1:62500

1 2 3 4 MILES

0 5000 10000 15000 20000 25000 FEET

1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

NEW MEXICO

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———

Unimproved dirt - - - - -

U.S. Route State Route

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1972

1.4 MI. TO N. MEX. 17

BLANCO 4.3 MI.

253000m E

107°45'

36°45'

ARGUETA 4 MI.

NAVAJO DAM 10 MI.

GOULD PAS. 4.5 MI.

IES WITH NATIONAL MAP ACCURACY STANDARDS

VEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 2024

OGRAP-HIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

1959

AMS 4457 IV-SERIES V781