

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

Texaco Inc.

Attention: T. Bliss

3. ADDRESS OF OPERATOR

P. O. Box 2100, Denver, Colorado 80201

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

At Surface

SW 1/4 NE 1/4 Sec. 35

At proposed prod. zone 1830' FNL, 2130' FEL Sec. 35

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

- -

15. DISTANCE FROM PROPOSED*

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

1830'

18. DISTANCE FROM PROPOSED LOCATION*

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

1600'

16. NO. OF ACRES IN LEASE

- -

19. PROPOSED DEPTH

6555'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

5569' Gr.

22. APPROX. DATE WORK WILL START*

1-20-74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	New 13-3/8"	48# H-40	100'	Circulate to surface
12-1/4"	New 9-5/8"	40# K-55	1600'	Circulate to surface
8-5/8"	New 7"	26# K-55	6555'	Cement 600' above prod. zone.

Propose to drill subject well to increase oil recovery from Tocito Dome Field. Samples will be taken at 10' intervals from 3600' to T.D. No cores are planned. A DST is scheduled for the Barker Creek. Logs will be run from surface casing to T.D. Prospective zones will be perforated and treated as necessary. Blowout preventer will be as indicated on the attached Exhibit and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

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: Tommie Bliss

TITLE District Superintendent

DATE Dec. 10, 1973

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS (3)

OGCC (2)

TB

ARM

CGH

The Navajo Tribe

Farmington

Aztec

*See Instructions On Reverse Side

**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.

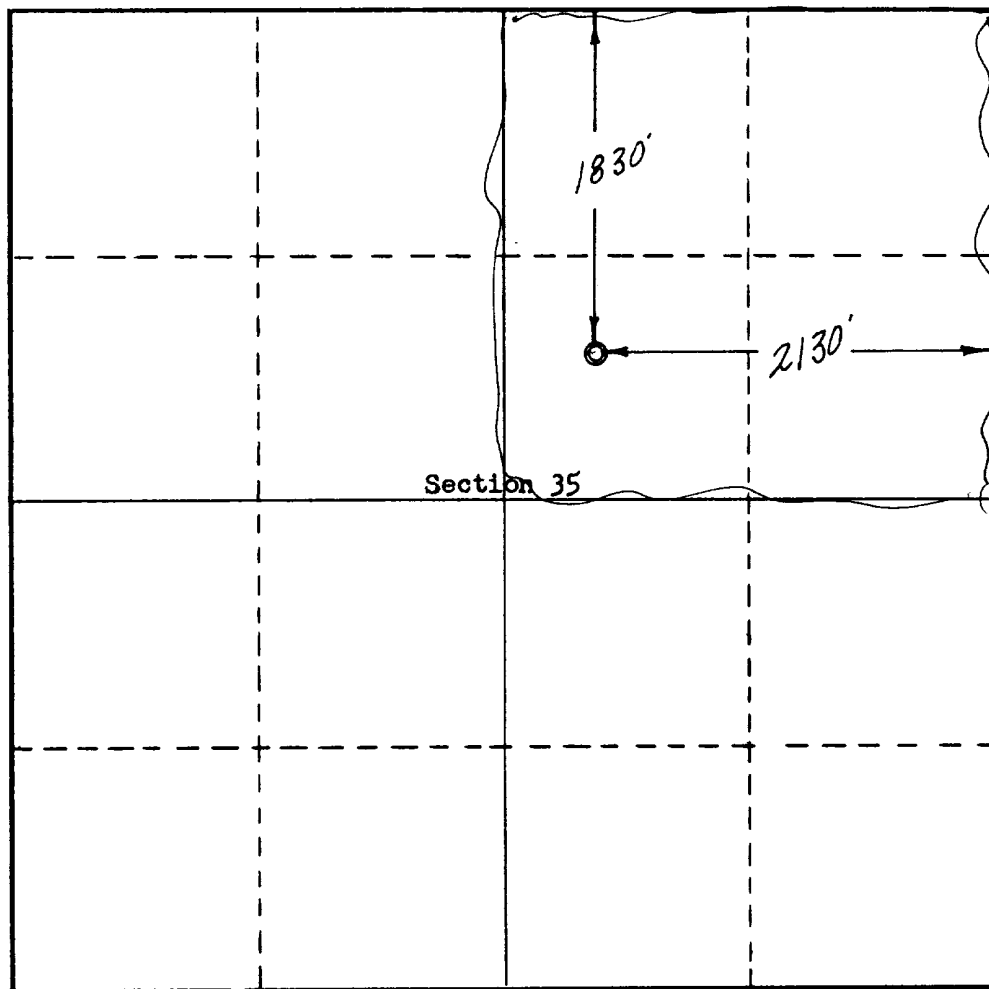
Operator Texaco Inc.			Lease Navajo Tribe "BP"		Well No. 5
Unit Letter G	Section 35	Township 26 North	Range 18 West	County San Juan	
Actual Footage Location of Well: 1830 feet from the North line and 2130 feet from the East line					
Ground Level Elev: 5569	Producing Formation Pennsylvanian		Pool Tocito Dome Penn. "D" Ext.		Dedicated Acreage: 160 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.

Signed: **Tommie Bliss**

Name
Tommie Bliss

Position
District Superintendent

Company
Texaco Inc.

Date
Dec. 11, 1973

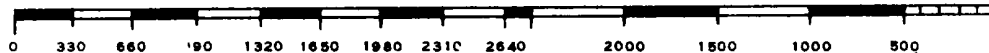
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 16, 1973

Registered Professional Engineer
and Land Surveyor

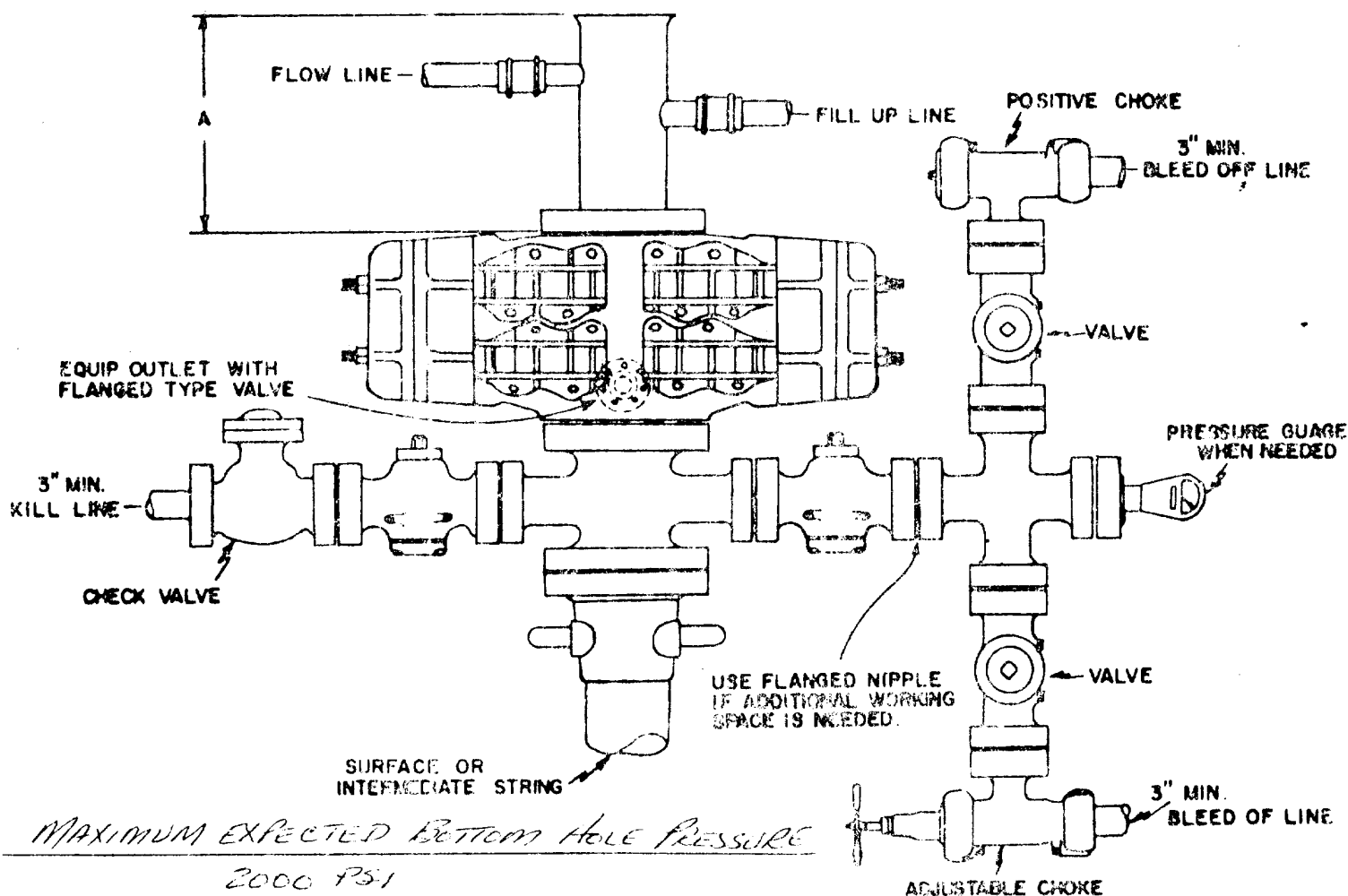
[Signature]

Certificate No. **3084**



Minimum equipment requirements are:

1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.
2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.
3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.
4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.
5. Kelly cock must be used at all times and should be checked daily.



NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

NAVAJO TRIBE "B1" No. 5
SAN JUAN COUNTY, NEW MEXICO

APPROVED
[Signature]

TEXACO INC DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2	
DRAWN BY M.E.D.	CHECKED BY J.A.K.
DATE 11-8-61	FILE 448000
REVISED	SERIAL X-102-2



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAIN UNIT OPERATES
DENVER DIVISION

December 11, 1973

TEXACO INC.
P. O. BOX 2100
DENVER, COLO. 80201

NAVAJO TRIBE "BP" NO. 5
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 35, T26N, R18W
SAN JUAN COUNTY, NEW MEXICO
6.54

Mr. P. T. McGrath (3)
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Dear Mr. McGrath:

As requested by your office, the Surface Use Development Plan for Navajo Tribe "BP" No. 5, San Juan County, New Mexico, is as follows:

1. Existing roads and exit to the location are shown on the attached plat.
2. Approximately three-eighths of a mile of access road will be required as shown on attached plat. The road surface will be compacted soil.
3. Nearest producing well is located three-eighths of a mile to the northwest in Section 35.
4. Lateral roads in the vicinity of the location are shown on the attached plat.
5. The flowline for the proposed well will run to an existing battery located 1-3/4 miles to the northwest of the location (see attached plat.)
6. Water for drilling operations will be obtained from the bradenhead annulus of Texaco's Navajo Tribe "AL" No. 4, located two miles to the northwest.

Mr. P. T. McGrath

- 2 -

December 11, 1973

7. All waste material will be contained by earthen and steel pits. Earthen pits are to be subsequently backfilled and buried.
8. No separate drill campsites are proposed.
9. There are no FAA registered airstrips in the vicinity of the location.
10. The drillsite location will be laid bare and will be approximately 250' x 300'. Proper grading will be used to control erosion on the location. A plat showing the location and rig layout is attached.
11. All surfaces not used in normal well servicing and maintenance will be cleaned and graded, where necessary.
12. The wellsite is located on gentle sloping, sandy, barren ground, with widely scattered clumps of sage brush and/or tumbleweeds.

Very truly yours,

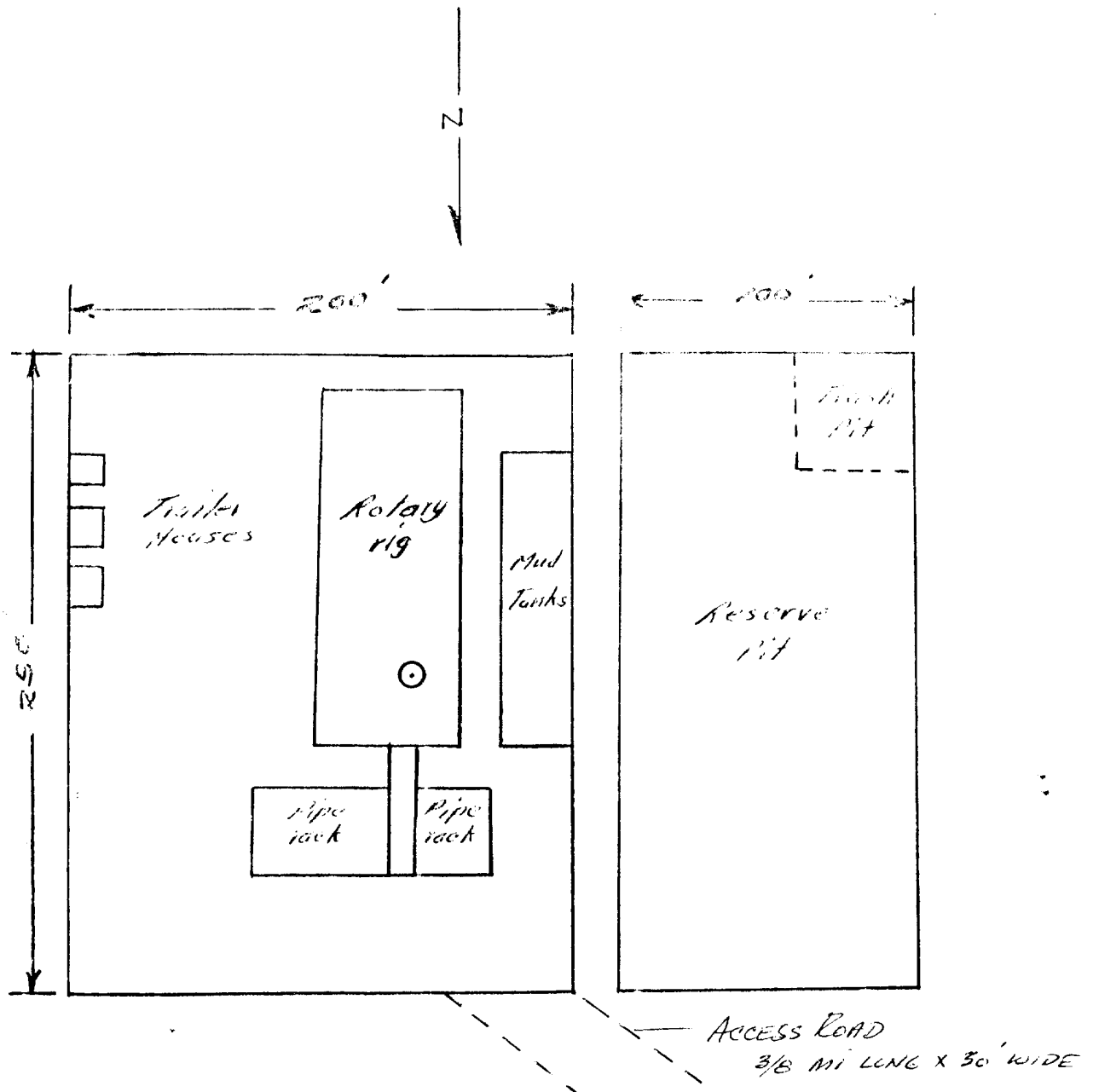
Signed: Tommie Bliss

Tommie Bliss
District Superintendent

MDS:WH

Attach.

cc: Board of Oil & Gas Conservation
1000 Rio Brazos Road
Aztec, New Mexico 87501



- A. Drilling pad will be compacted soil.
- B. Surface is barren, sandy soil, with scattered thorn bushes and tumbleweeds.

LOCATION & RIG LAYOUT

NAVAJO TRIBE "EP" NO. 5

SAN JUAN COUNTY, NEW MEXICO

R 18 W

CON. LAIR

T
27
N

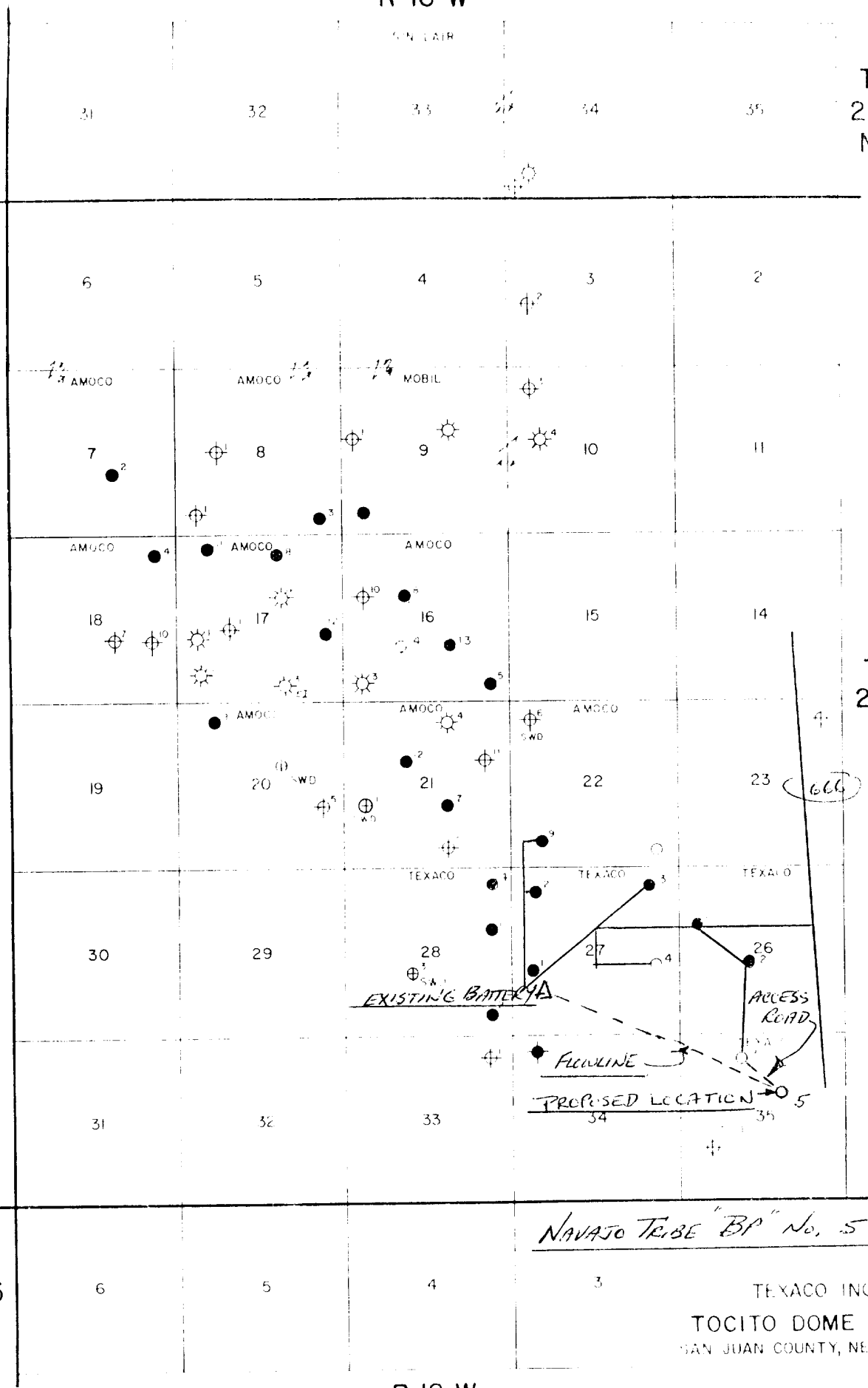
T
27
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R 18 W





ROAD AND LOCATION PLAT
NAVAJO TRIBE "BP" NO. 5

NEW MEXICO