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Form 9-331C
(May 1963)

N.C. COPY

DEC 5 1977

SUBMIT IN TRIPL. E*
(Give instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
U. S. C.
GEOLOGICAL SURVEY ARTESIA, OFFICE

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

MorOilCo, Inc.

3. ADDRESS OF OPERATOR

Drawer I, Artesia, N.M. 88210

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

At surface

1980 from South line 660 from East line

At proposed prod. zone

4050' San Andres

Unit I

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

15 miles south of Kenna, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

4050

20. ROTARY OR CABLE TOOLS

Rotary Tools

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

4291.4' GR

22. APPROX. DATE WORK WILL START*

On Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8	23#	1400	275sx. Class H & 100sx. Class C
7 7/8	4 1/2	9.5#	4050	200sx. 50/50 Poz

Logs will be run and DST if necessary to evaluate zones for running casing. Preventer will be installed on 8 5/8" casing and tested prior to drill out, all production zones are below 8 5/8" casing.

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ARTESIA, NEW MEXICO

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

William W. Morgan

TITLE

President

DATE

11-14-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 28 1977

APPROVED BY

Joe D. Lala

TITLE

ACTING DISTRICT ENGINEER

DATE

NOV 28 1977

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

FEB 28 1978

*See Instructions On Reverse Side

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**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

Petitioner MorOilco, Inc.			Lease Miller Federal		Well No. 2
Section 1	Section 33	Township 7 South	Range 31 East	County Chaves	

Actual Well Location of Wells:

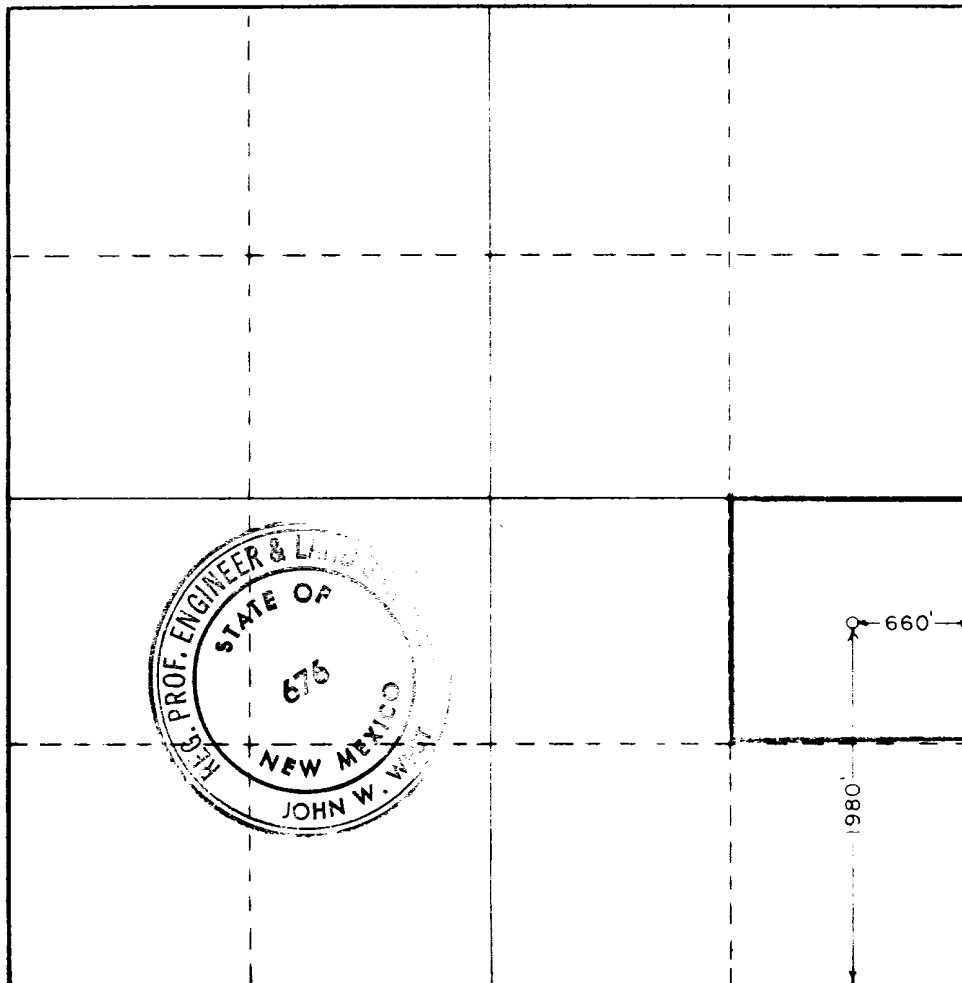
1980	feet from the South	line and	660	feet from the East	line
Ground Level Elev. 4291.4	Producing Formation San Andres	Pool Tom Tom San Andres		Dedicated Acreage: RECEIVED	

- 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 _____

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.

William N. Morgan
Name

William N. Morgan
Position

President
Company

MorOilco, Inc.
Date

11-14-77

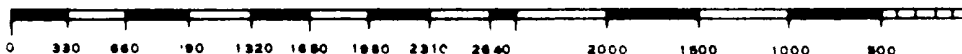
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 8, 1977

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**



SURFACE USE

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AND OPERATIONS PLAN

NOV 14 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Well Name: Miller Federal #2

Location: Sec 33 Twn7S Rge31E 1980/S 660/E Unit I Chaves County

1. Existing Roads: (shown on attached map)

2. Planned Access Roads: Set cattle guard in fence line @ location
in Unit Letter P, go north to location as staked.
Approximately 1300' of road 12' wide and 6" thick of
compact caliche.

3. Location of Existing Wells: (show on attached map)

4. Location of Tank Batteries, Production Facilities, Production Gathering
and Service Lines: _____
Battery for this property now on pad at Miller #1, Unit O.
Flow lines will be laid adjacent to road.

5. Location and Type of Water Supply(rivers, creeks, lakes, ponds, wells):
Jim Southard will truck fresh water from wells
south of Kenna, N.M.

6. Source of Construction Materials: _____
Pit on Federal land @ Unit D of Sec 4 Twn8S Rge31E.

7. Methods of Handling Waste Disposal: _____
Waste to be buried in pits 3' below surface.

8. Ancillary Facilities: none

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9. Well Site Layout: _____ (see attached plat)

10. Plans for Restoration of the Surface: _____

Pits to be back filled after drilling operations are completed.

If well is dry hole, location and road will be ripped, so
natural vegetation can re-establish itself to this area. Work
will commence within 60 days after completion of well work.

11. Other Information: _____

The area of this well has some native grass,
scruboak and beargrass with sandy soil.

12. Lessee's or Operators Representative:

William N. Morgan

MorOilCo., Inc.

P.O. Drawer I

Artesia, New Mexico 88210

Business Phone: 748-2194

Home Phone: 748-2325

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 MorOilCo, Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

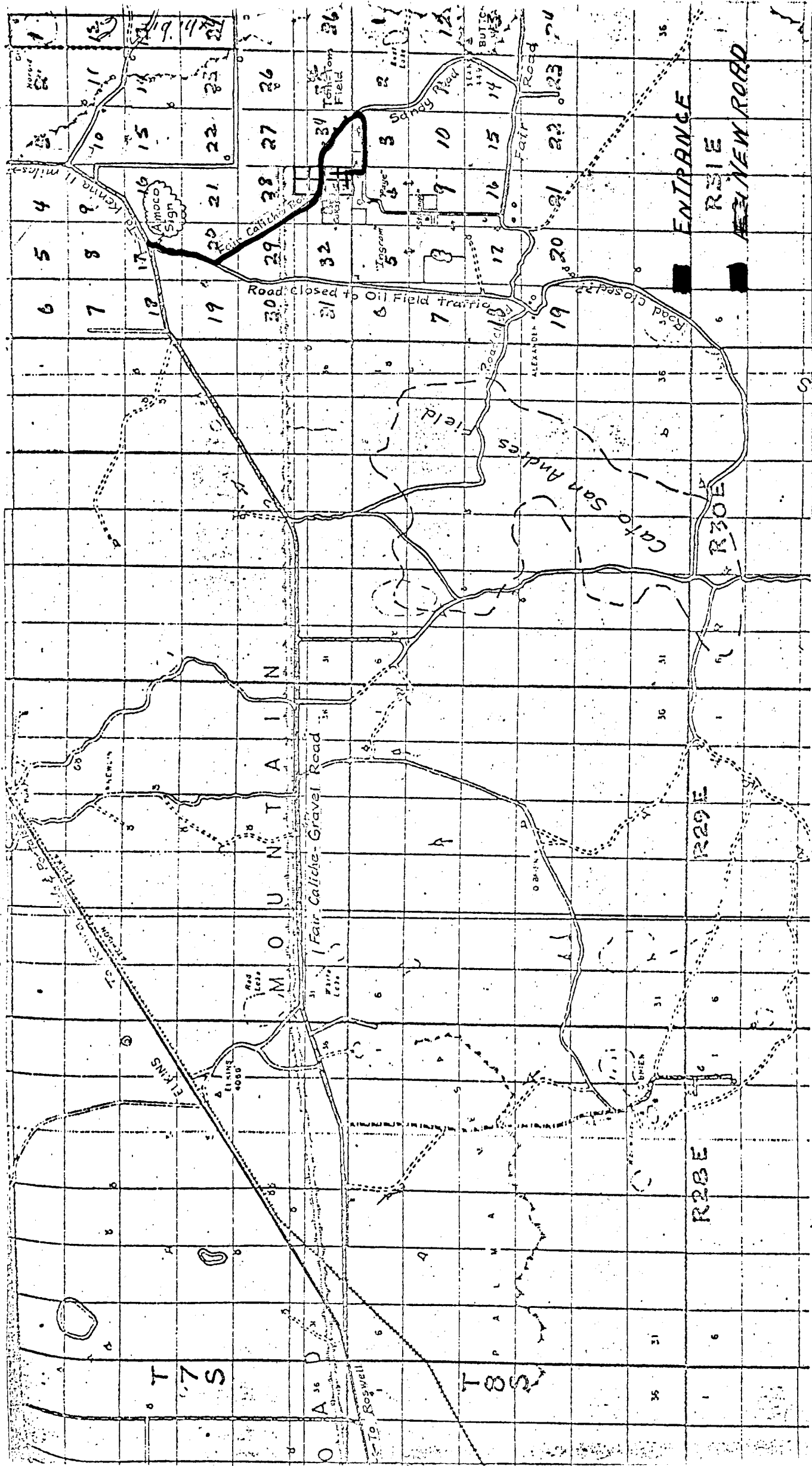
11-14-77
Date

William N. Morgan
Company Representative

President
Title

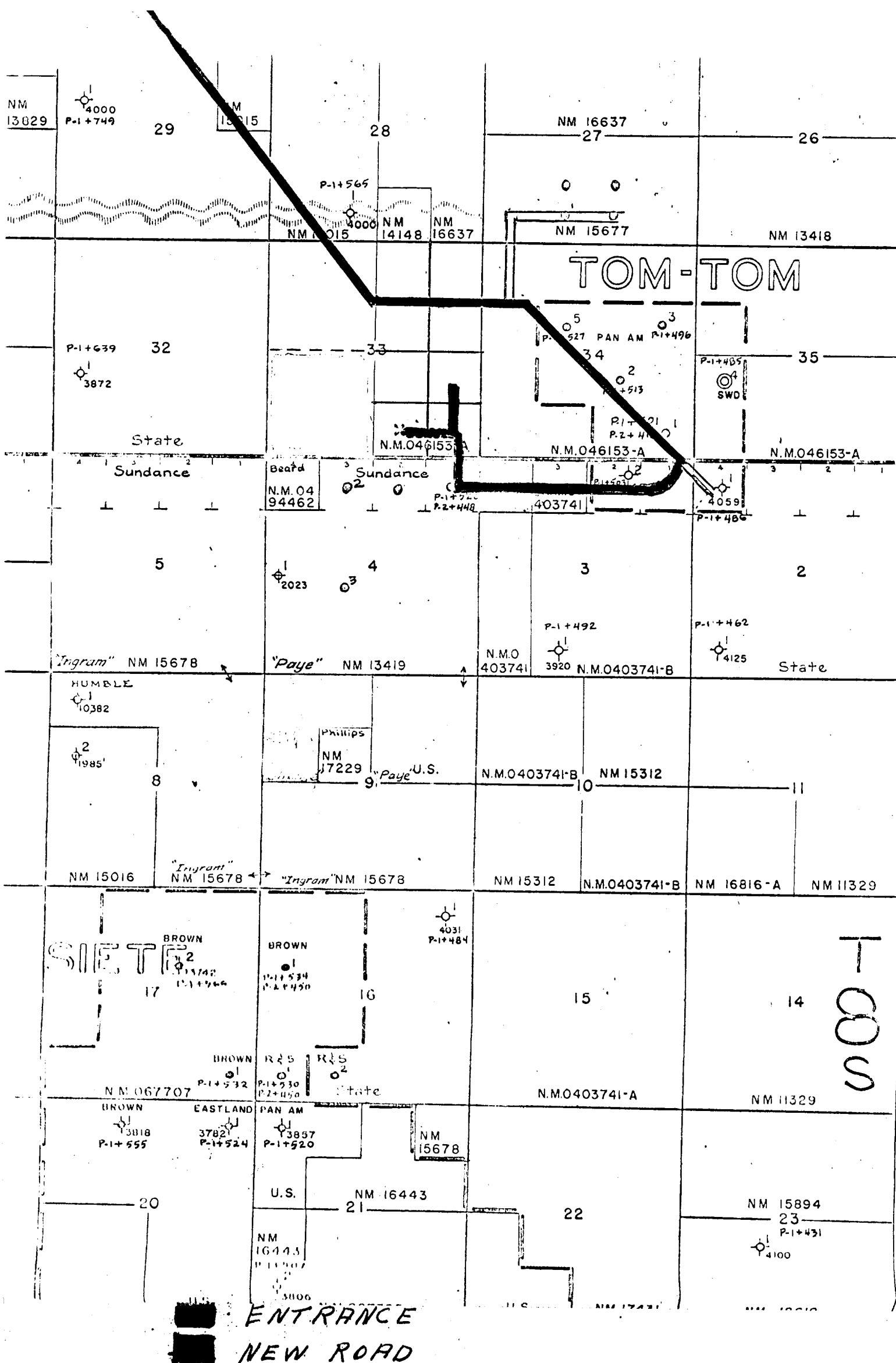
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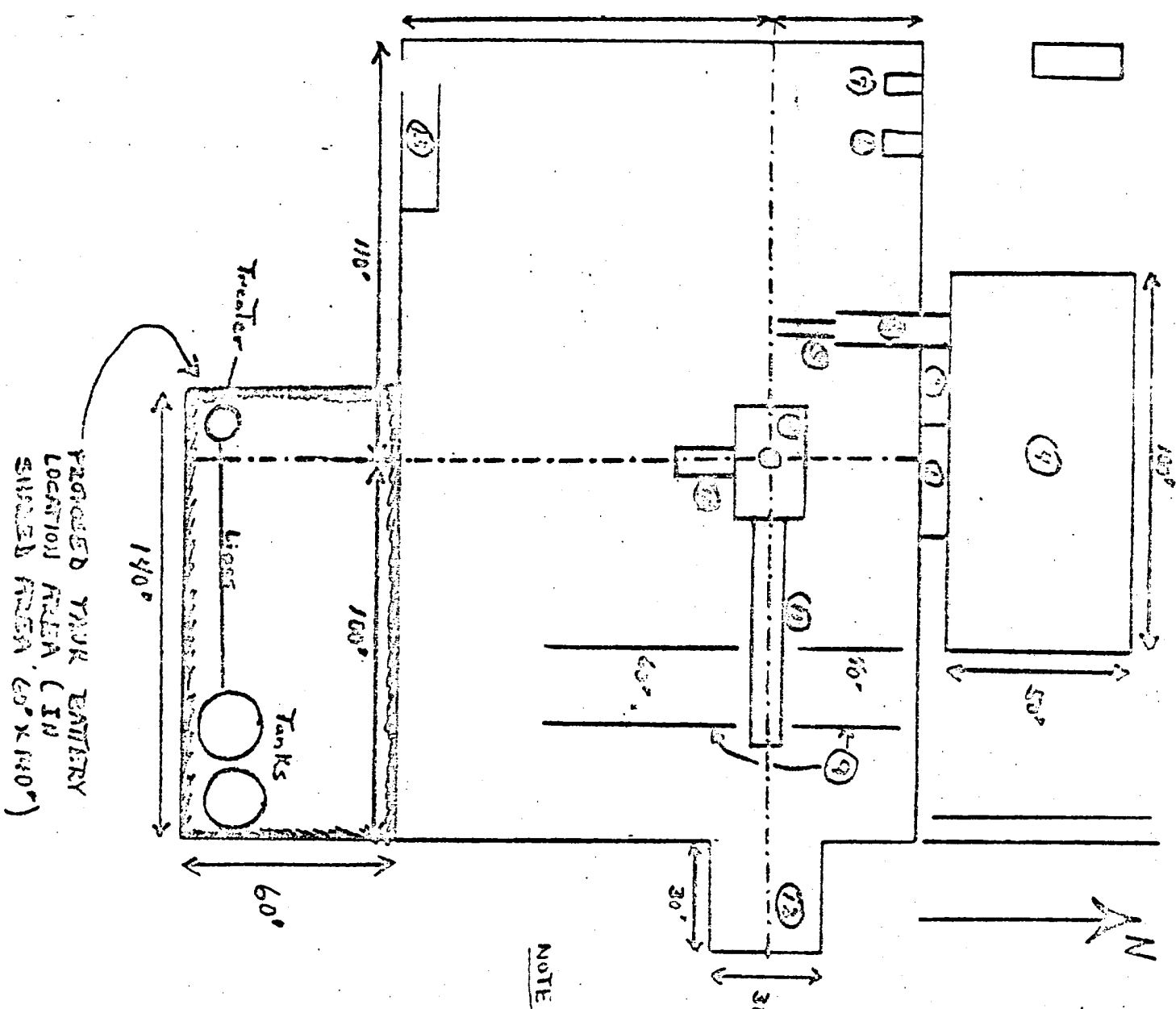
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- ① Sheds Pit 30' x 8'
- ② Mud Pit 20' x 8'
- ③ Sulfur Pit 30' x 8'
- ④ Reserve Pit 100' x 50'
- ⑤ Pump
- ⑥ Water Tank
- ⑦ Fuel Tank
- ⑧ Rig
- ⑨ Pipe Racks
- ⑩ Dog House
- ⑪ Cold Walk 60'
- ⑫ Stinger
- ⑬ Trailer
- ⑭ Burn Pit

NOTE Lines from well To battery facilities will lay directly south from wellhead.

LOCATION, MUD PIT AND
PROPOSED TANK BATTERY
AREA SPECIFICATIONS

PROPOSED TANK BATTERY
LOCATION AREA (IN
SHEDS AREA 60' x 140')

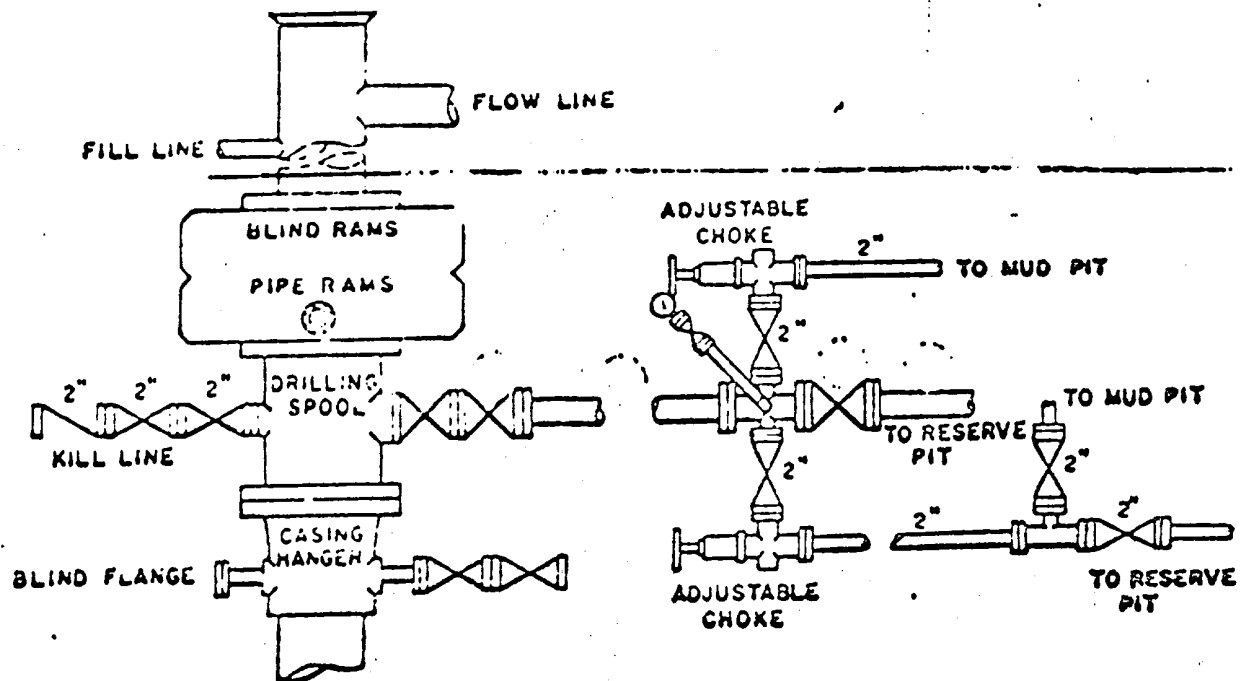
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BLOWOUT PREVENTER A CHOKE MANIFOLD

API 3M-8410-RdS



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