

NMOCG COPY

SUBMIT IN TRIPLICATE*

(Other instructions
reverse side)Form approved.
Budget Bureau No. 42 R1425.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

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

660 from North line 660 from East line

At proposed prod. zone

4050' San Andres

Unit A

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

15 miles South Kenna, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660

18. DISTANCE FROM PROPOSED LOCATION*

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

1900

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

4050

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary Tools

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

4306.7'GR

22. APPROX. DATE WORK WILL START*

On Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE

11

7 7/8

SIZE OF CASING

8 5/8

4 1/2

WEIGHT PER FOOT

23#

9.5#

SETTING DEPTH

1400

4050

QUANTITY OF CEMENT

275sx. Class H & 100sx. C1.C

200sx. 50/50 Poz

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

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U.S. GEOLOGICAL SURVEY
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 N Morgan

TITLE

President

DATE

1-26-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

oral approval 2-17-78

APPROVED BY

Joe J. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

FEB 24 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 24 1978

*See Instructions On Reverse Side

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FEB 28 1978

OIL CONSERVATION COMM.
HOUSTON, TEXAS

O. C. C.
ARTESIA, OFFICE

FEB 27 1978

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-12
Supersedes O-12H
Effective 1-1-65

All distances must be from the outer boundaries of the Section

| | | | | |
|----------------|---------------------|----------------|--------------------|---------------|
| MorOilCo, Inc. | | Miller Federal | | 4 |
| A | 33 | 7 South | 31 East | Chaves |
| 660 | feet from the | North | 660 | feet from the |
| 4306.7 | Producing Formation | San Andres | Tom Tom San Andres | 40 |

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 interest (as to working interest and royalty)
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes ☐ No ☐ If answer is "yes," type of consolidation _____

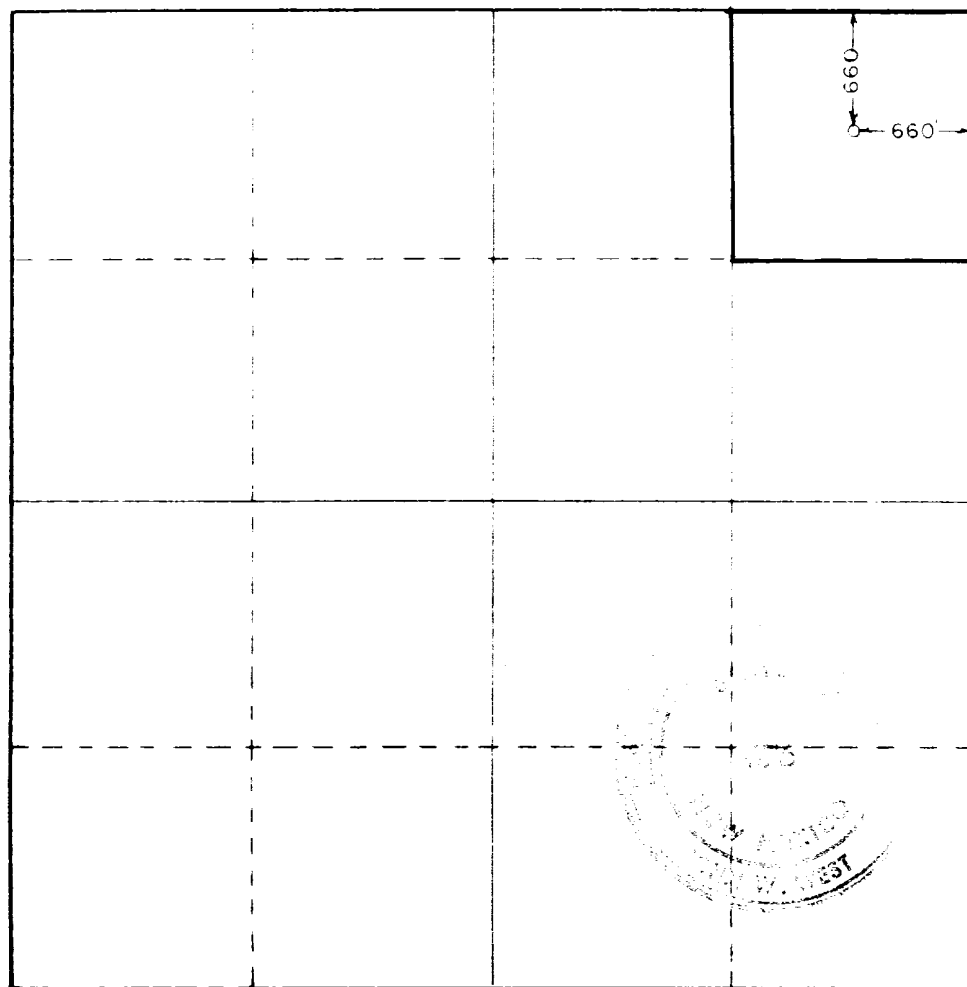
If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

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.

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ARTESIA, NEW MEXICO



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

William N. Morgan

William N. Morgan

President

MorOilCo, Inc.

1-26-78

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 Received

Jan. 23, 1978

Registered Professional Engineer
and Professional Surveyor

Ronald J. Eidson

Certificate No. John W. West 676
Ronald J. Eidson 3239



100-100000

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FEB 28 1978

**OIL CONSERVATION COMM.
HOBBS, N. M.**

SURFACE USE
AND OPERATIONS PLAN

RECEIVED

JAN 27 1978

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Well Name: Miller Federal #4

Location: Sec 33 Twn7S Rge31E 660 from North line 660 from East line
Unit A

1. Existing Roads: see attached plat

2. Planned Access Roads: This location is adjacent to main road so I am requesting to build a road from #4 to #3 because of access to lease, flow lines & power lines. Road will be approximately 1850' of 6" caliche and 12' road.

3. Location of Existing Wells: see attached plat

4. Location of Tank Batteries, Production Facilities, and Production, Gathering, and Service Lines: _____
Battery for this well on Miller Federal #1 pad, all flow lines to run along edge of road and power lines to be buried in road right-of-way.

5. Location and Type of Water Supply (rivers, creeks, lakes, ponds, wells):
Kenna Water Service, wells south of Kenna.

6. Source of Construction Materials: _____
Caliche from pit in Sec 4 Twn8S Rge31E, Unit D, Federal land.

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

8. Ancillary Facilities: none

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, marker will be set and location and road will be ripped, so that natural vegetation may restore itself. Work will commence within 60 days after completion of well work.

Other Information: This area has some beargrass, native grass, mesquite, scruboak and sandy soil.

12. Lessee's or Operator's Representative:

William N. Morgan

Business Phone: 748-2194

Home Phone: 748-2325

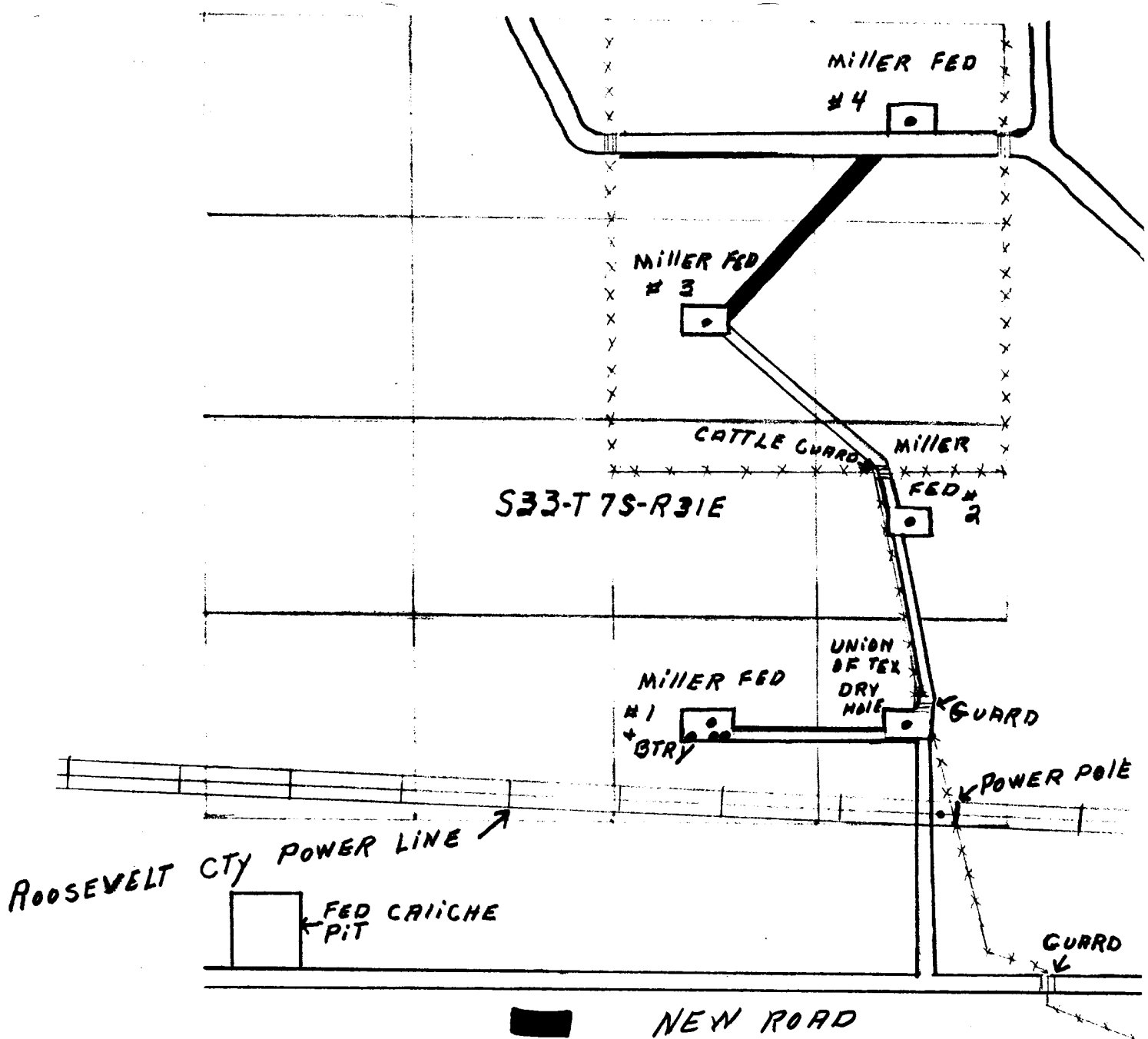
13. Certification:

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

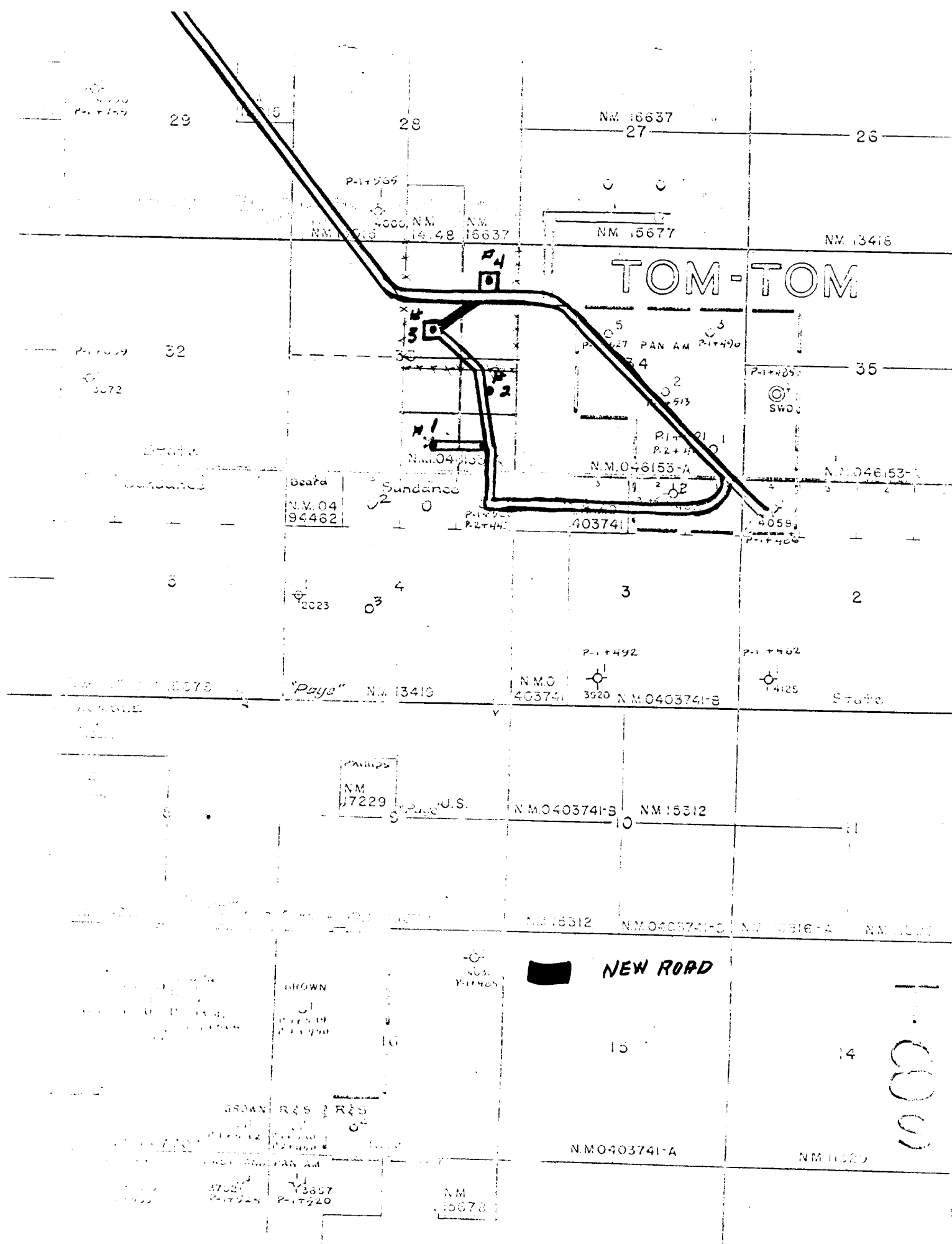
1-26-78
Date

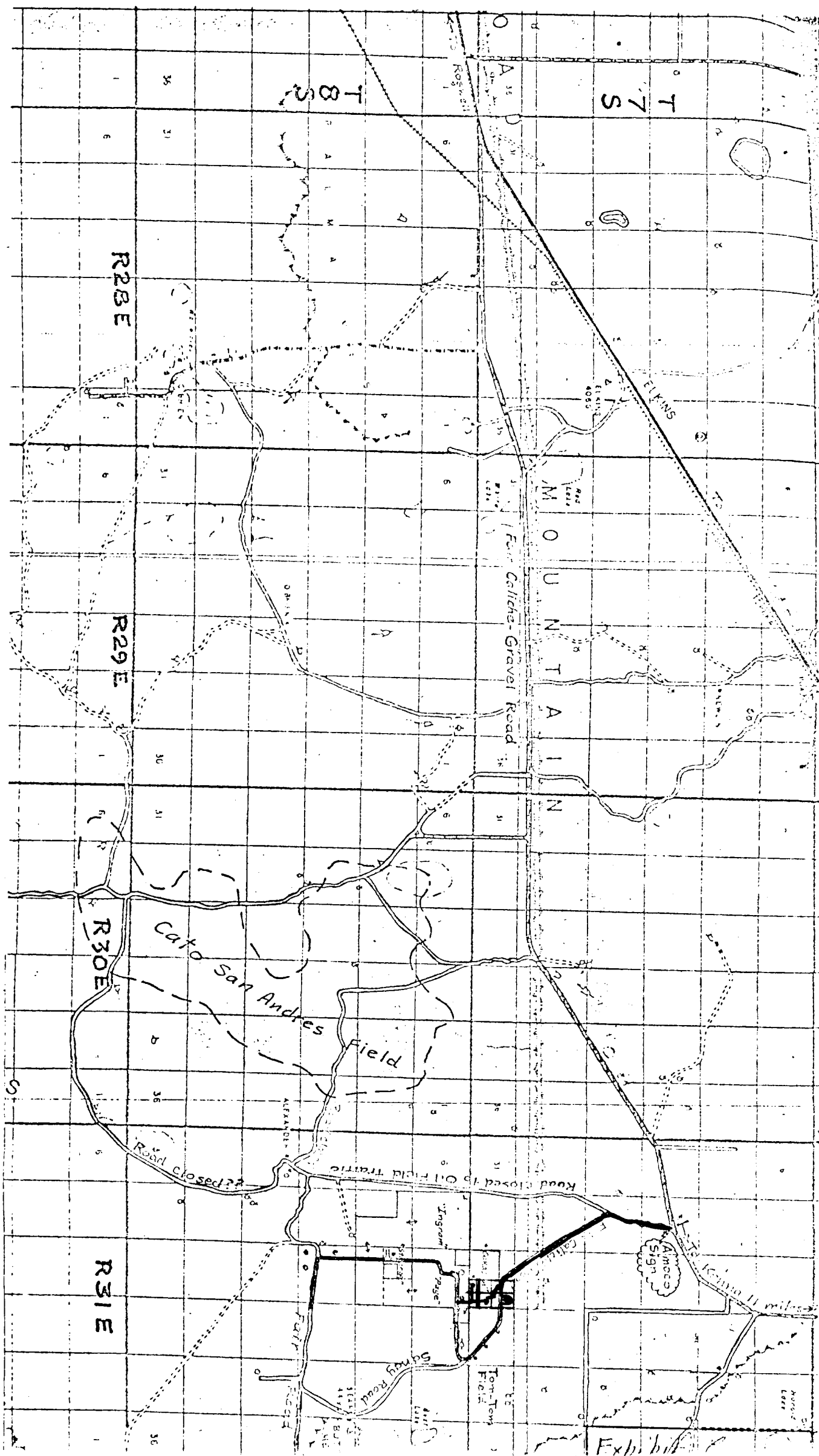
William N. Morgan
Company Representative

President
Title

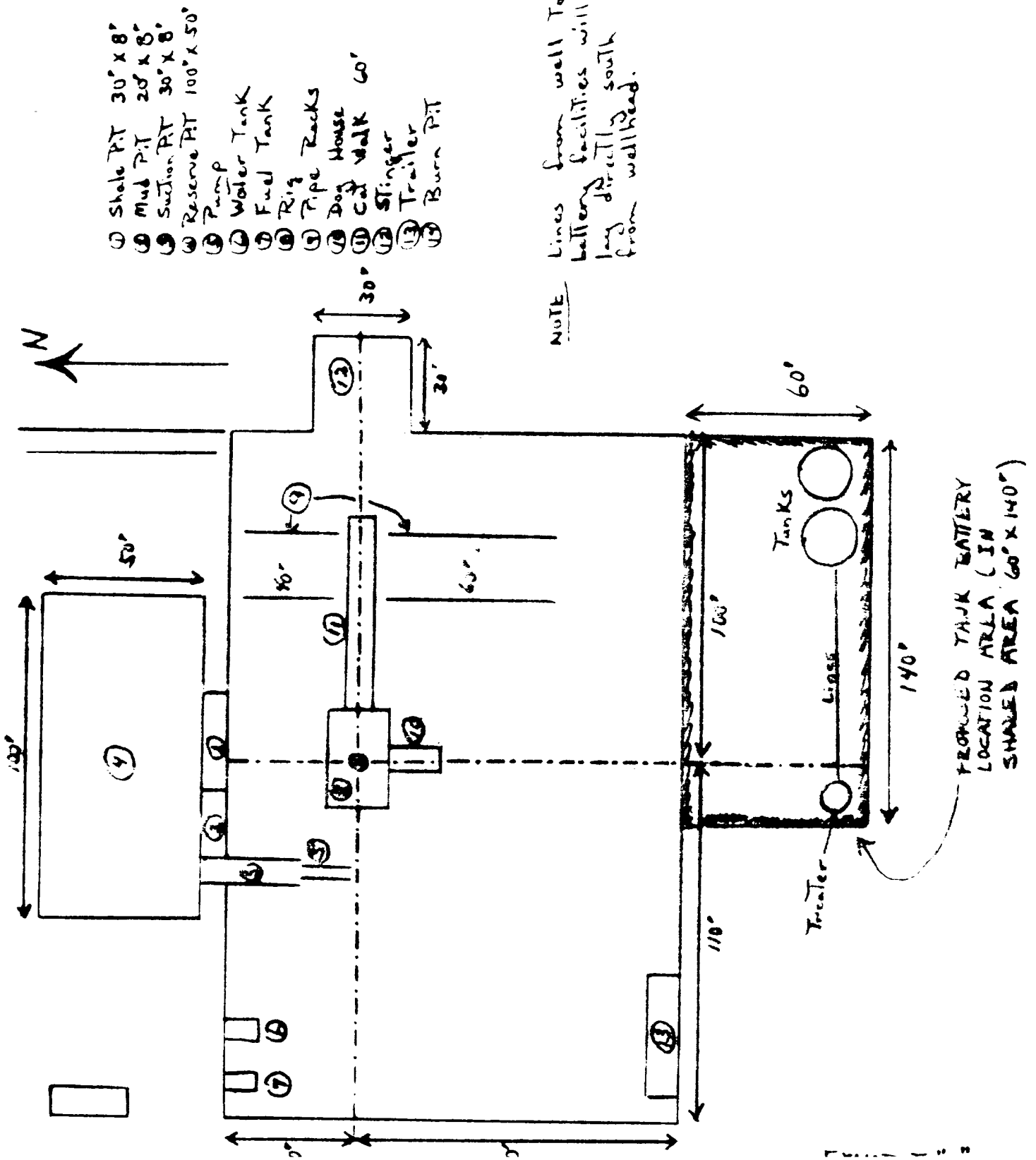


I have outlined as near as possible, the road systems I must have because of flow lines, but most of all, the under ground power cable will be from power pole in Unit P. I intend to run lines along the edge of the road to all locations. A cattle guard will have to be set in the fence line approximately 450' north of the #2. Would also like to haul the caliche from the pit in Unit D of Sec 4 Twn8S Rge31E.



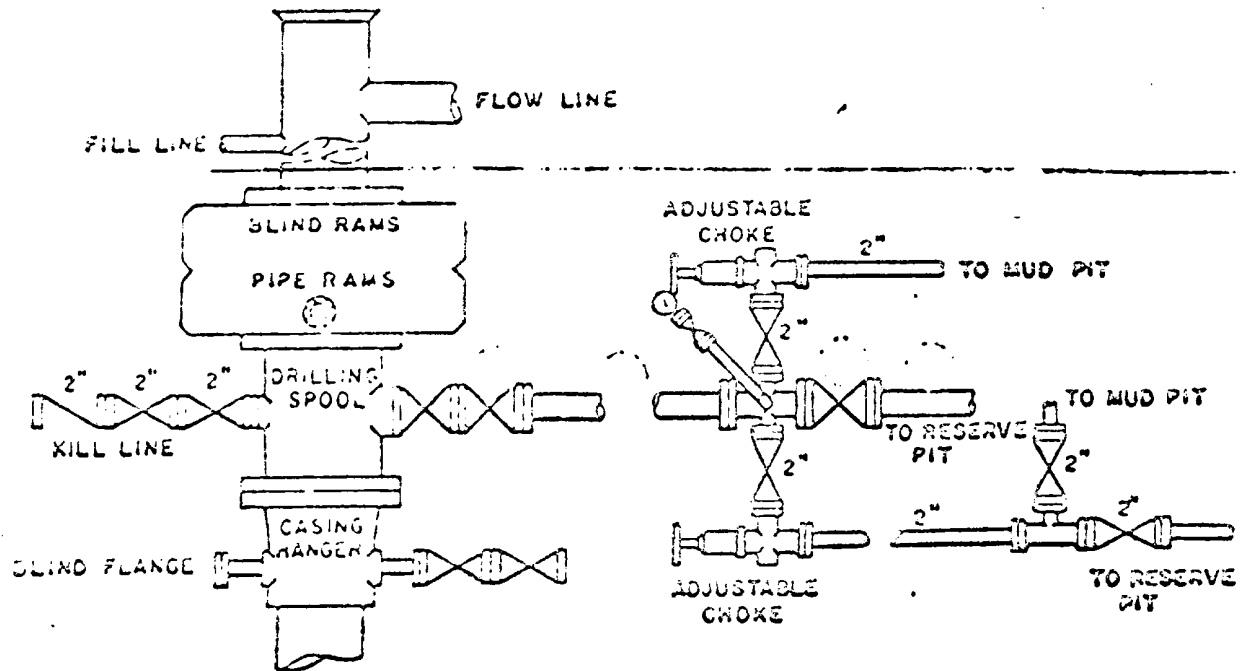


LOCATION, MUD PIT AND
PROPOSED TANK BATTERY
AREA SPECIFICATIONS



BLOWOUT PREVENTER A CHOKE MANIFOLD

API 3M-8410-RdS



ARTESIA, OFFICE
O.C.C.

FEB 27 1978

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FEB 24 1978

VALLEY DISTRICT ENGINEER

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