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P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

AUG 11 1983

O. C. D.

ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

Type of Well

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

Name of Operator

Mates Petroleum Corporation ✓

Address of Operator

207 S. 4th, Artesia, New Mexico 88210

Location of Well

UNIT LETTER J

LOCATED 1650

FEET FROM THE South

LINE

2385

FEET FROM THE East

LINE OF SEC. 22

TWP. 17S

RGE. 25E

NMPM

5A. Indicate Type of Lease

STATE ☐FEC ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

J Lazy J

9. Well No.

18

10. Field and Pool, or Wildcat

Eagle Creek/SA

12. County

Eddy

19. Proposed Depth

1500'

19A. Formation

San Andres

20. Rotary or C.T.

Rotary

Elevations (show whether DF, KT, etc.)

3529' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

LaRue #2

22. Approx. Date Work will start

ASAP

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------|
| 14 1/2" | 10 3/4" | 30# | appr. 320' | 200 sx | circulated |
| 9 1/2" | 7" | 23# | appr. 1150' | 400 sx | circulated |
| 6 1/4" | 4 1/2" | 9.5# | TD | 125 sx | circulated |

We propose to drill a San Andres test. Approximately 320' of surface casing will be run to shut off gravel and caving. 7" intermediate casing will be run and set 100' below the Artesian Zone. If commercial production is encountered, a string will be run, perforated and stimulated for production.

MUD PROGRAM: FW gel/LCM to 1100' (or dry drill), water to TD.

BOP PROGRAM: BOP's will be installed on 7" casing and tested daily.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-22-84
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Glenn Rodriguez Title Regulatory Agent

Date 7/26/83

(This space for State Use)

PROVED BY

Mike Williams

TITLE

OIL AND GAS INSPECTOR

DATE

AUG 22 1983

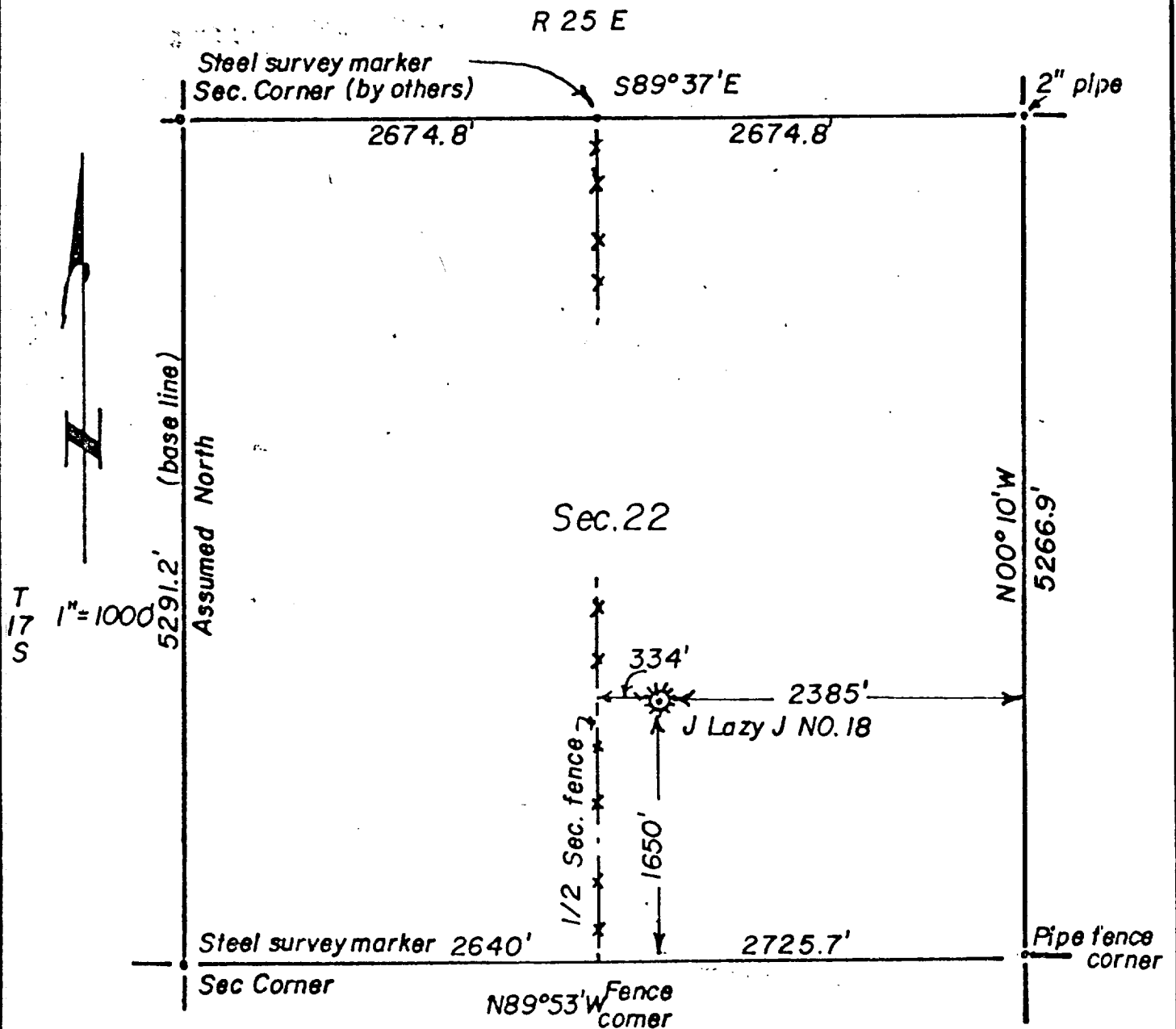
CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient
time to witness cementing

the 7 casing

posted 8/9/83
8-26-83

Plat of Survey



CERTIFICATION:

This is to certify that the above plat was made from field notes of a bonafide survey made by me and is true and correct to the best of my knowledge and belief.

Dan R. Reddy

Dan R. Reddy NMPE&LS No. 5412



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.

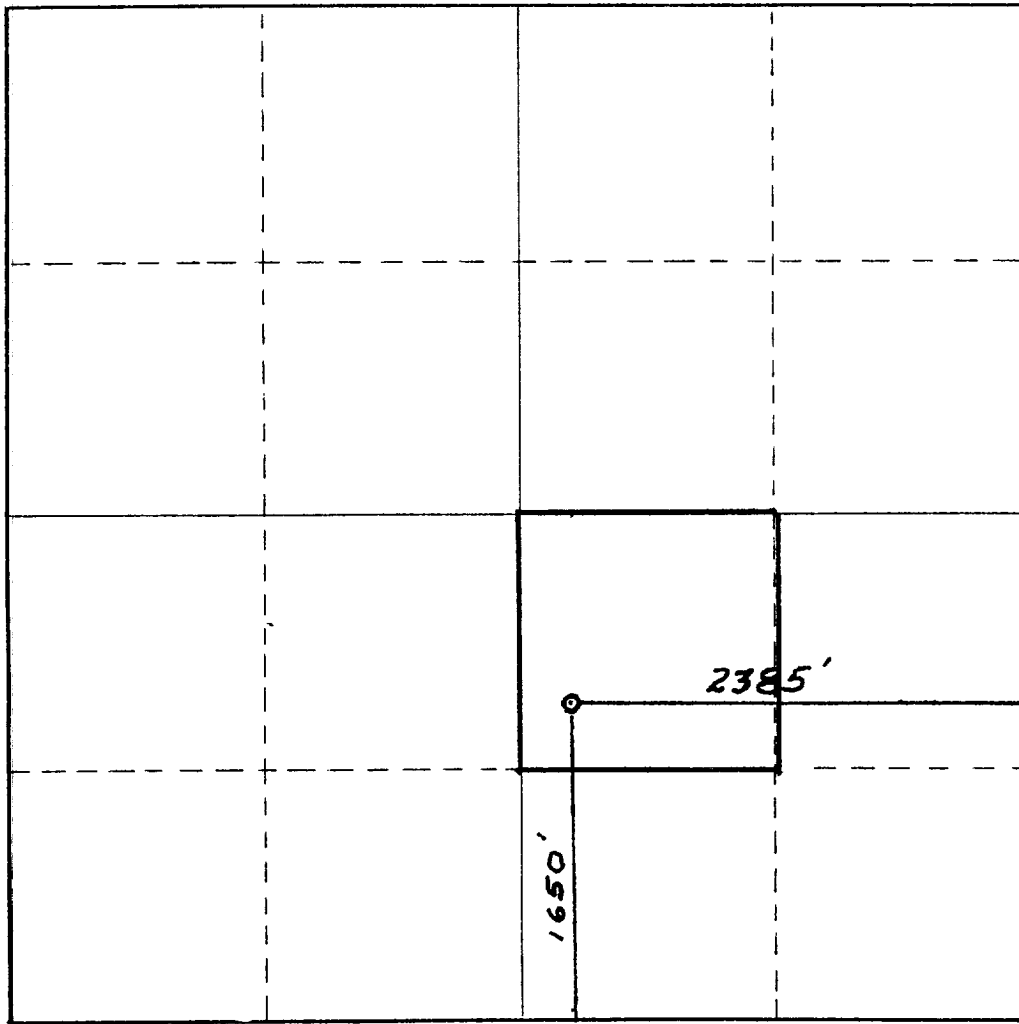
| | | | | | |
|--|--|-----------------------------|---------------------------------------|-----------------------|---------------------------------------|
| Operator YATES PETROLEUM CORPORATION | | | Lease J Lazy J | | Well No. 18 |
| Unit Letter J | Section 22 | Township 17 South | Range 25 East | County Eddy | |
| Actual Footage Location of Well: 1650 feet from the South line and 2385 feet from the East line | | | | | |
| Ground Level Elev. 3529 | Producing Formation San Andres | | Pool Eagle Creek/San Andres | | Dedicated Acreage: 40 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.

Gliserio Rodriguez
Name

Gliserio Rodriguez

Position

Regulatory Agent

Company

Yates Petroleum Corp.

Date

8/10/83

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

August 9, 1983

Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy
Certificate No.

NM PE&LS #5412

EXHIBIT B

BDP DIAGRAM

