

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

30-015-25637

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 ☐

2. NAME OF OPERATOR

Mobil Producing Tx. & N.M., Inc.

3. ADDRESS OF OPERATOR

P.O. Box 633 Midland, Texas

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

At surface

2970' FSL; 2410' FEL, Sec. 4

At proposed prod. zone

Same

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

9.1 miles NW of Maljamar, N.M.

15. DISTANCE FROM PROPOSED*

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

230'

16. NO. OF ACRES IN LEASE

1228

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.

900'

19. PROPOSED DEPTH

3650'

20. ROTARY OR CABLE TOOLS

Rotary

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

4170' GL

22. APPROX. DATE WORK WILL START*

7-15-86

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8-5/8	24 k-55	0-400'	1. 445 Cu.Ft. Circulated to Surface
7-7/8	5 1/2	14 K-55	0-3650'	2.a. 1165 Cu.Ft. from 2850' to Surf. b. 327 Cu.Ft. from TD to 2850'

CEMENTING PROGRAM

- Class C + 1/4# sx. FC
- a. Trinity Lite Weight + 11.25# sx.
salt + 1/4# sx. FC
- b. Class C + 1/4# sx. FC

DLL-GR TD-400'
FDT-CNL-GR TD-400'
CNL-GR 400' to Surface

LOGGING PROGRAM

MUD PROGRAM

DEPTH	TYPE	MUD WT.	VISC. SE/QT	WATER LOSS
0-400'	Spud	8.3-9.0	32-34	NC
400'-3200'	Brine	8.3-10.0	28-30	NC
3200'-TD	Salt Gel	10.0-10.5	34-36	+ 15

BLOWOUT PREVENTER PROGRAM

See Attached Diagram

There are no other wells on this quarter-quarter section.

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 G.E. Tate

TITLE Env. & Reg. Manager

DATE 6-5-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Original: Charles S. Dallen

APPROVED BY

TITLE

DATE

6-25-86

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

Subject to
Like Approval

NSL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department, agency or the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVIS N

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

Operator MOBIL PRODUCING TX. & N.M. INC.		Lease FEDERAL "CCC"		Well No. 2
Unit Letter 0	Section 4	Township 16-S	Range 31-E	County EDDY
Actual Footage Location of Well 2410 feet from the EAST line and 2970 feet from the SOUTH line				
Ground Level Elev. 4170	Producing Formation Premier	Pool Northeast Square Lake	Dedicated Acreage 40 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or ink marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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 Division.</p> <p>There are no other wells in this quarter-quarter section.</p>				

RECEIVED BY
JUN 26 1986
ARTESIA, OFFICE

CERTIFICATION

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

Name
G.E. Tate

Position
Env. & Reg. Manager

Company
Mobil Producing TX & NM, Inc.

Date
June 5, 1986



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
14 MAY 1986

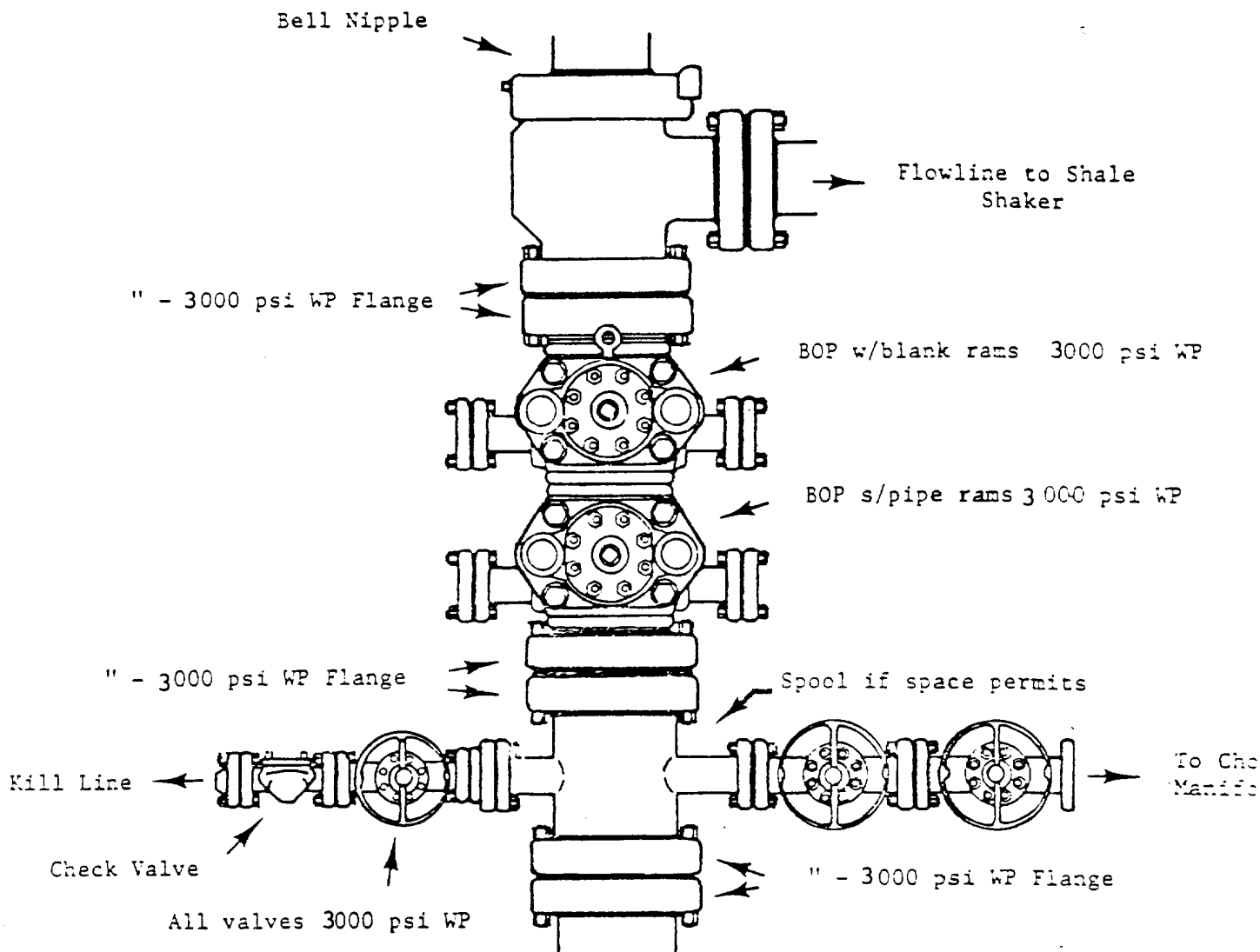
Registered Professional Engineer and/or Land Surveyor
Norman E. Cumings

Certificate No.
9669

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PROPOSED BOP STACK

8 5/8" CASING



Mobil Producing
Texas & New Mexico Inc.
Houston, Texas

Lease Federal "CCC"

Well Number 2

County Eddy State NM

MOBIL PRODUCING TEXAS AND NEW MEXICO INC.

SURFACE USE AND OPERATION PLAN
FEDERAL"CCC" LOCATION #2
2410 FEL & 2970 FSL
SECTION 4 T-16-S R-31-E
EDDY COUNTY, NEW MEXICO

1. EXISTING ROADS

SEE ATTACHED FEDERAL "CCC" LOCATION #2 AREA MAP

2. PLANNED ACCESS ROAD

The planned access road will be 520 feet long with a cleared width of 30 feet and a 12 feet wide caliche driving surface. The maximum grade will be approximately 3%. The terrain crossed is a general 2% upslope to the east on sandy type soil.

SEE ATTACHED FEDERAL "CCC" LOCATION #2 EXISTING ROAD AND WELL MAP

3. LOCATION OF EXISTING WELLS

SEE ATTACHED FEDERAL "CCC" LOCATION #2 EXISTING ROAD AND WELL MAP

4. LOCATION OF TANK BATTERY, PRODUCTION FACILITIES, AND PRODUCTION, GATHERING, AND SERVICE LINES.

When the well is completed a flowline will be laid to the existing Federal "CCC" tank battery. A powerline will be extended from an existing powerline to the southwest.

SEE ATTACHED FEDERAL "CCC" LOC. #2 LOCATION LAYOUT MAPS (1&2)

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled in for road and pad construction and drilling purposes.

6. SOURCE OF CONSTRUCTION MATERIAL

It is proposed to construct the access road and drilling pad out of caliche. There is an existing caliche pit on federal lands in the N.W. 1/4 of N.E. 1/4 of section 9 T-16-S R-31-E. This pit is adjacent to a east-west caliche county road.

SEE ATTACHED FEDERAL "CCC" LOC. #2 AREA MAP

7. METHODS FOR HANDLING WASTE DISPOSAL

All garbage or trash will be burned, buried, and or hauled from the well site. A portable chemical toilet will be provided.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for this location at this time.

9. WELL SITE LAYOUT

SEE ATTACHED FEDERAL "CCC" LOC. #2 AREA MAP

10. PLANS FOR RESTORATION OF THE SURFACE

When all drilling activities have been completed the pits will be back filled and leveled. The area will be restored to its original grade and left for the return of natural vegetation. The pad and road will be maintained for well servicing.

11. OTHER INFORMATION

The well site and road falls on a gentle downslope to the southeast on sandy soil. It is vegetated with small mesquite, shinnery, sparse grass, and various other desert plants.

The well site and all new road fall on federal land managed by the B.L.M.

12. LESSEE OR OPERATORS REPRESENTATIVE

G.P. Dalton
Mobil Producing Texas & New Mexico Inc.
P.O. Box 633
Midland, Texas 79702
(915) 688-2000

13. CERTIFICATION

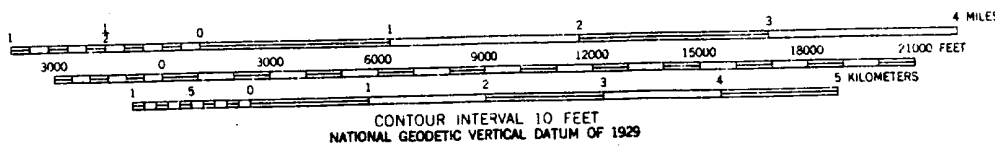
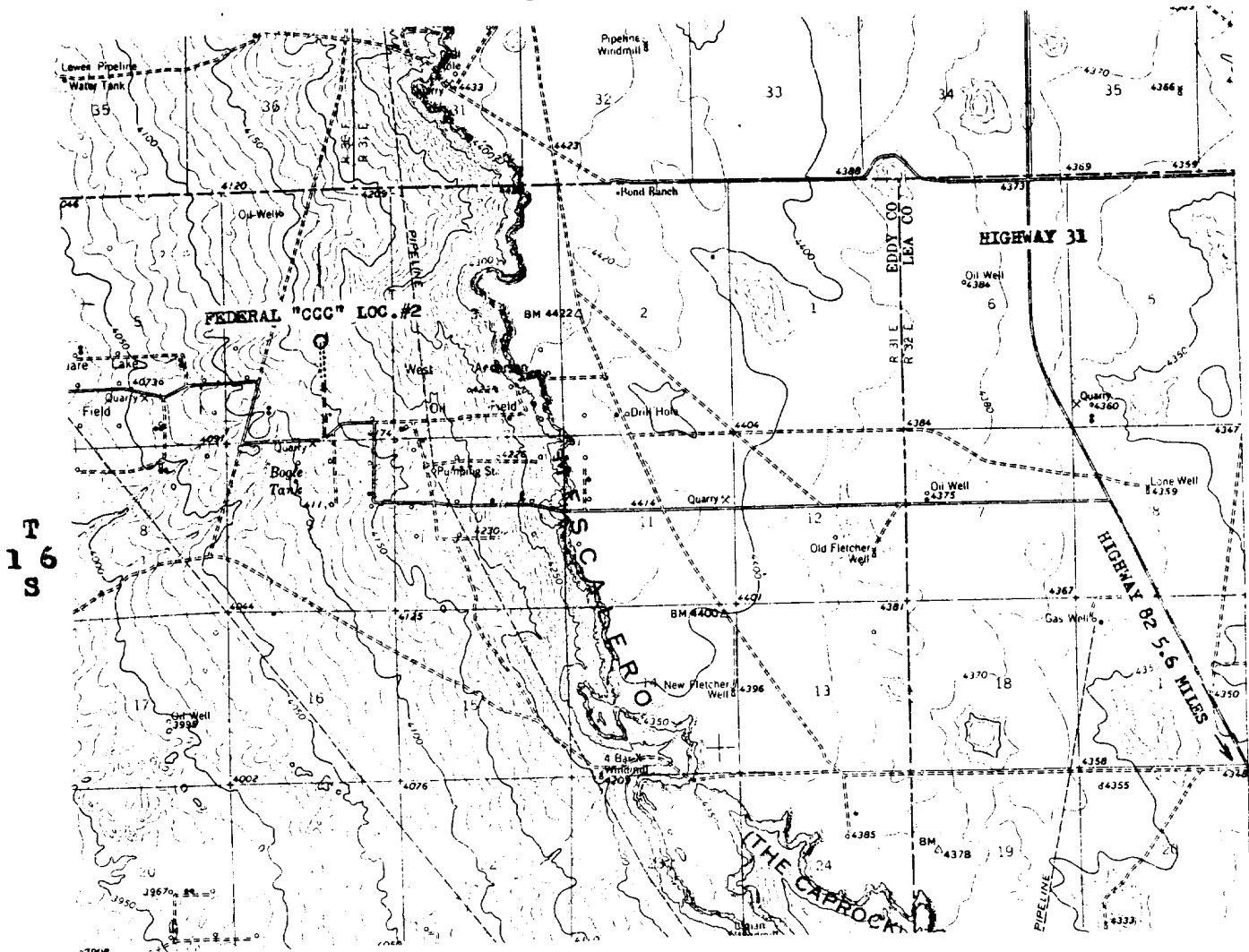
I hereby certify that I or persons under my supervision have inspected the proposed drillsite; that I am familiar with the conditions that presently exist, that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by a reliable contractor in conformity with this plan and the terms and conditions under which it is approved.



G.P. Dalton
Divisions Operations Manager
Midland

DCO 7227 PTNM (11-80)

R-31-E



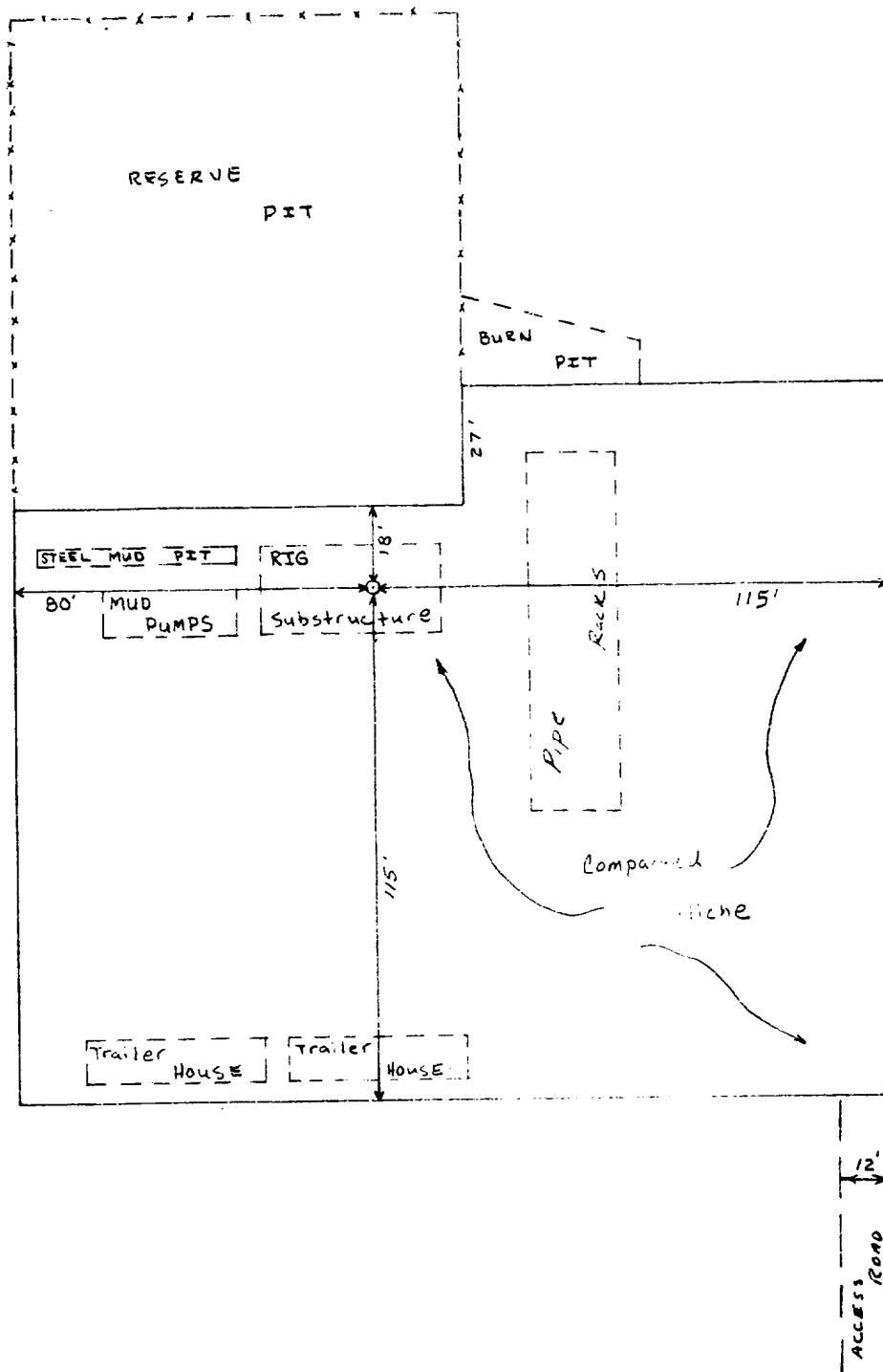
===== EXISTING ROADS
 ::::::::::: PROPOSED ROAD

**Mobil Producing
Texas & New Mexico Inc.**

AREA MAP
FEDERAL "CCC" LOCATION #2
EDDY COUNTY, NEW MEXICO

DRAWN C.E.W.	SCALE 1"=5280'
CHECKED	DATE
APPROVED	REVISED

AF 32658A

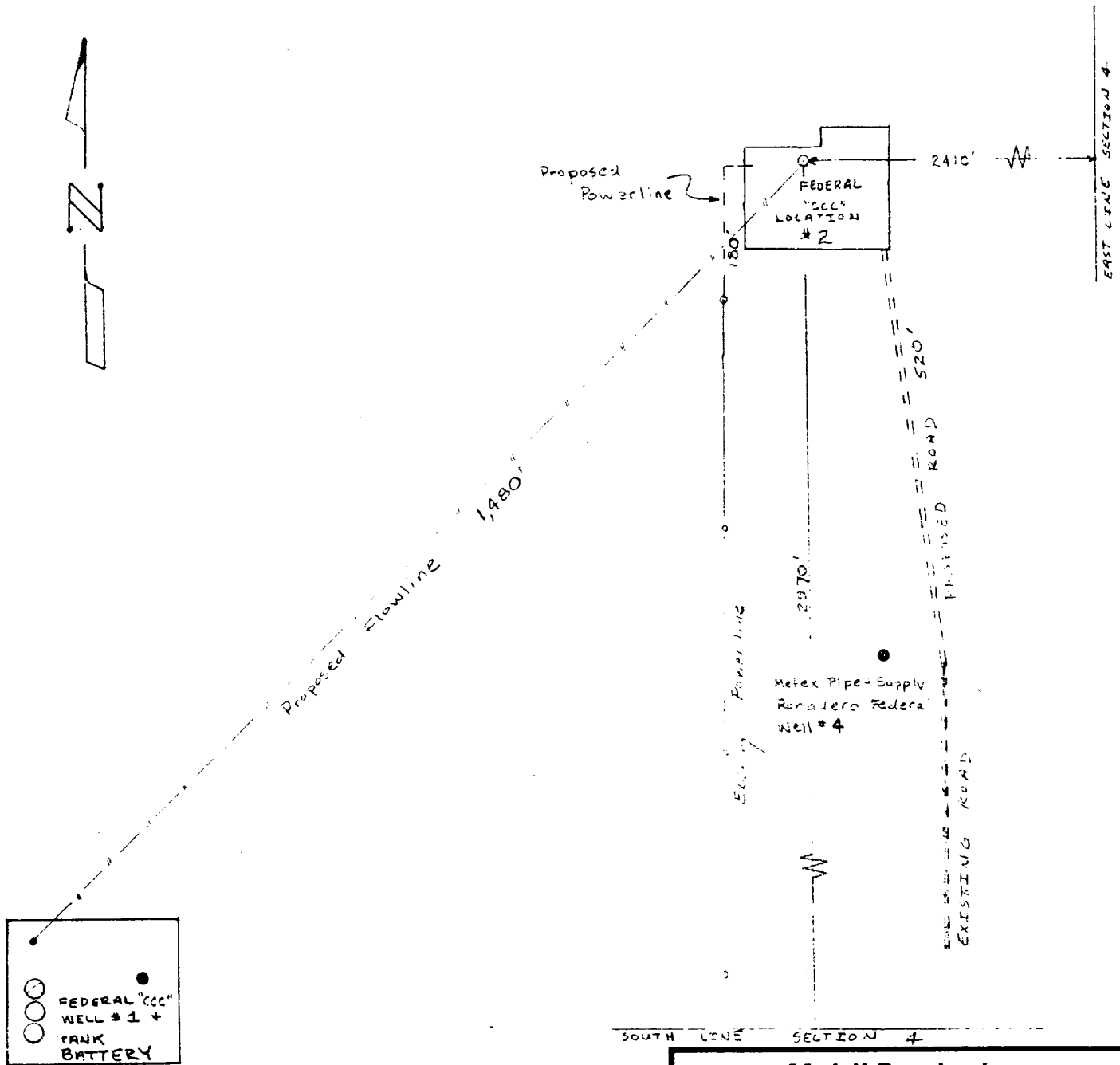


**Mobil Producing
Texas & New Mexico Inc.**

LOCATION LAYOUT MAP (1-2)
FEDERAL "CCC" LOCATION #2
EDDY COUNTY, NEW MEXICO

DRAWN GEM	SCALE 1" = 40'
CHECKED	DATE 5-27-86
APPROVED	REVISED

AF 32658A

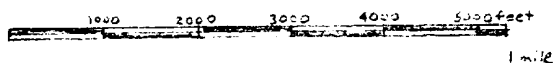
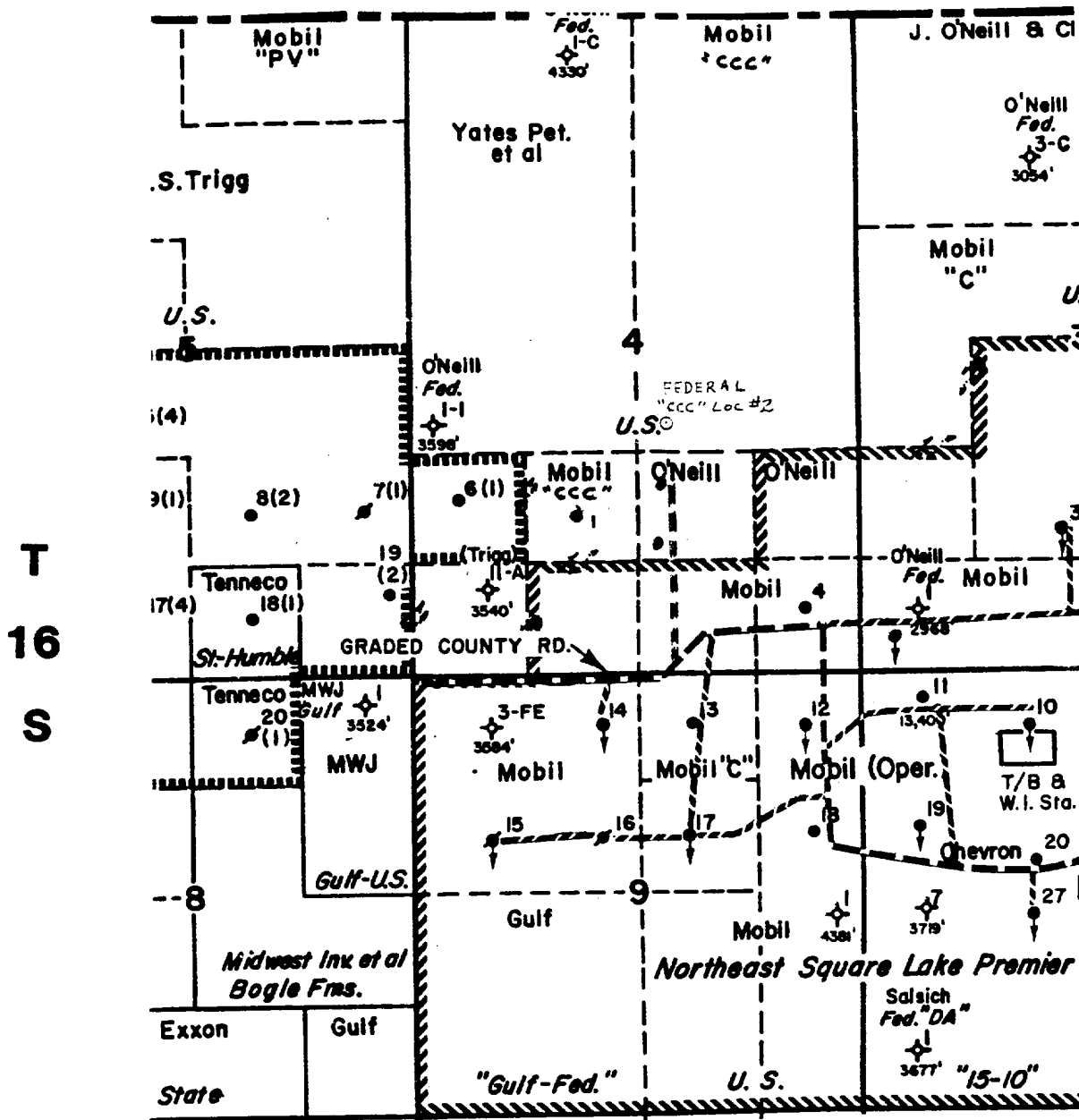


Mobil Producing Texas & New Mexico Inc.

LOCATION LAYOUT MAP (2-2)
FEDERAL "CCC" LOCATION #2
EDDY COUNTY, NEW MEXICO

DRAWN BY	SCALE 1"=200'
CHECKED	DATE
APPROVED	REVISED

R-31-E



Mobil Producing Texas & New Mexico Inc.

EXISTING ROAD AND WELL MAP
FEDERAL "CCC" LOCATION #2
LEDDY COUNTY, NEW MEXICO

DRAWN	SCALE
CHECKED	DATE
APPROVED	REVISED

MOBIL PRODUCING TX. & N.M. INC.

LEASE: Federal "CCC"

WELL: 2

FIELD: Northeast Square Lake

COUNTY: Eddy

STATE: New Mexico

TEN POINT WELL CONTROL & RESOURCE PROTECTION DATA

1. The geologic name of the surface formation_____.
2. The estimated tops of important geologic markers.

Formation Name	Depth (Top)
Yates	2016'
Queen	2852'
Grayburg	3216'
Premier Sand	3550'

3. The estimated depth at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

Formation Name	Depth (Top)	Type of Mineral

4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used. (Shown on Form 9-331C)
5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency. (See attachment)
6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

See attachment for 3160-3. A sufficient quantity of mud & chemicals will be maintained at the well site to meet anticipated conditions, recognizing the time required to replenish supplies from local sources.

7. The auxiliary equipment to be used, such as (1) kelly cock, (2) floats at the bit, (3) monitoring equipment on the mud system, (4) a sub on the floor with a full opening valve to be stabbed into drill pipe when the kelly is not in the string.

A Kelly cock and a sub with a full opening valve will be used.

8. The testing, logging, mud, and coring programs to be followed with provision made for required flexibility. (See attached sheet)
9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.

No abnormal pressures, temperatures, or hazardous gases are expected to
be encountered; however, prudent drilling operations will be maintained
to guard against such hazards.

10. The anticipated starting date and duration of the operations.

Starting Date: 7-15-86 Duration of Operations 15 Days.

Mobil Producing Texas & New Mexico Inc.

June 6, 1986

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
State Land Office Building
Post Office Box 2088
Santa Fe, New Mexico 87501

P.O. BOX 633
MIDLAND, TEXAS 79702

MIDLAND DIVISION

Attention: Dave Catanach

7.01
UNORTHODOX WELL LOCATION
MOBIL PRODUCING TX & NM, INC.
FEDERAL "CCC", WELL NO. 2
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO

Gentlemen:

Mobil Producing Texas & New Mexico, Inc. (MPTM), is applying for authority to drill the subject well at an unorthodox location under the provisions of Rule 104 (F). The well is located closer than 330 feet from the quarter-quarter line and less than 330 feet from the lease line. The subject well will be completed in the Premier Sand formation.

MPTM asks that you consider that our original location was a regular location, moved at the request of the BLM, in order to prevent undue surface disturbance. In order to stay in the best geological location, it was necessary to move to an unorthodox location. If possible, we ask that the requested unorthodox location be granted administratively, due to these circumstances.

Copies, in triplicate, of the original Application for Permit to Drill submitted to the BLM, are enclosed for your use. Also, all offset operators have been notified and their waivers requested by certified mail. Please call C.A. Moore at (915) 688-1772 if you have any questions.

Yours very truly,

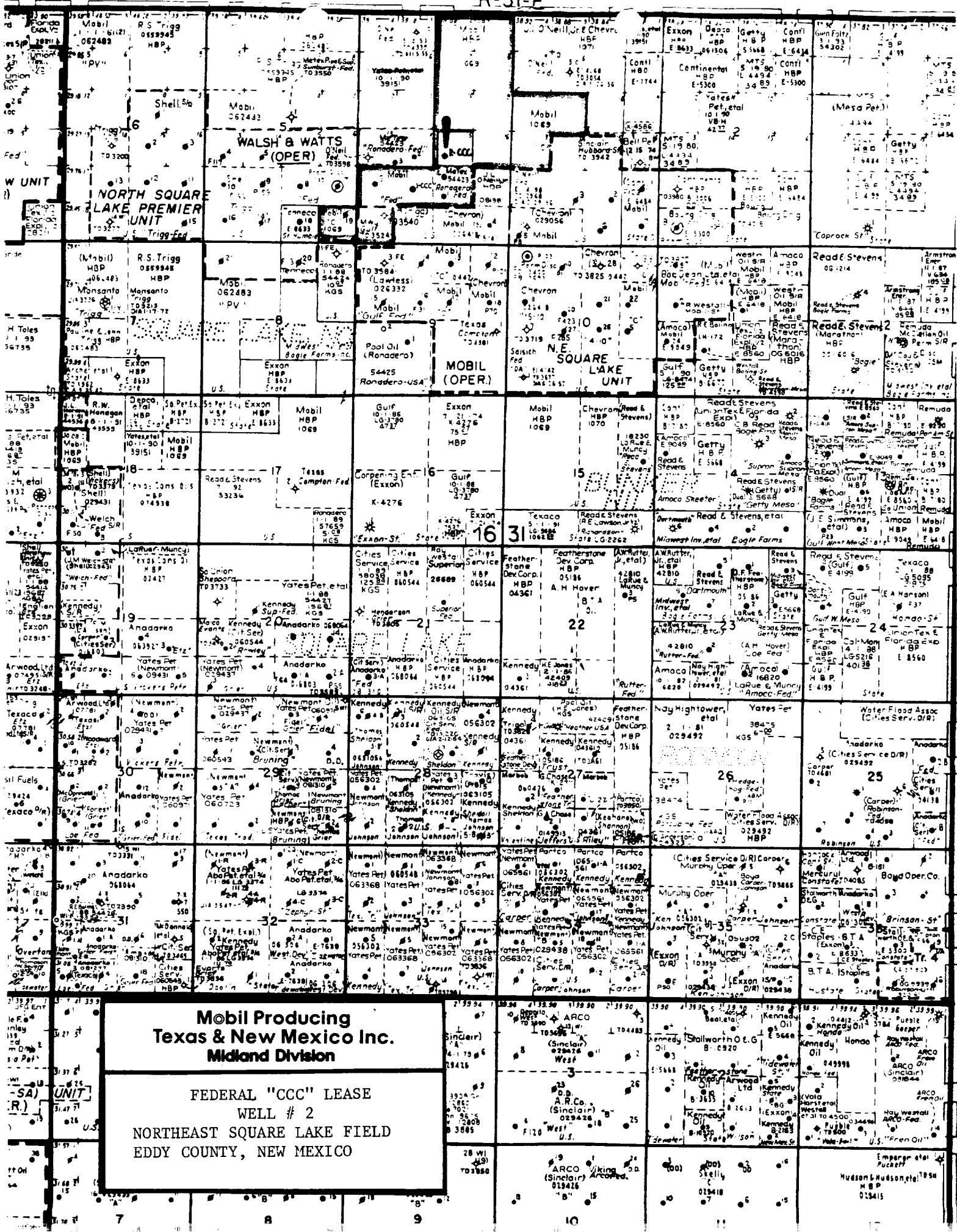


G.E. Tate
Env. and Reg. Manager

CAM/am
Attachments

cc: Bureau of Land Management

A:M6042DCA.JBP



**Mobil Producing
Texas & New Mexico Inc.
Midland Division**

**FEDERAL "CCC" LEASE
WELL # 2
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO**

Mobil Producing Texas & New Mexico Inc.

June 6, 1986

P.O. BOX 633
MIDLAND, TEXAS 79702

CERTIFIED MAIL

MIDLAND DIVISION

O'Neill Properties, LTD.
Box 2840
Midland, Texas 79702

FEDERAL "CCC" WELL #2
2410 FEL; 2970 FSL
SEC. 4, T-24-N, R-3-W
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO

Dear Gentlemen:

Mobil Producing Texas and New Mexico, Inc. (MPTM) has made application to the New Mexico Oil Conservation Division and the Bureau of Land Management to drill the subject well on an unorthodox location 2410 FEL and 2970 FSL of Sec. 4, T-24-N, R-3-W in Eddy County, New Mexico. This unorthodox location is necessary because the BLM has asked us to move from a regular location on which the building of the location would require extensive dirt work.

If you have no objection to the drilling of this well, on the above captioned unorthodox location, please complete the enclosed waivers and return two copies to the New Mexico Oil Conservation Division and one copy to MPTM, in the self-addressed envelopes. The fourth copy is for your records.

If you have any questions concerning this application, please call C.A. Moore at (915) 688-1772.

Very truly yours,



G. E. Tate
Environmental and Regulatory Manager

CAM/hjw

A:M615369A.CAM

Mobil Producing Texas & New Mexico Inc.

June 6, 1986

P.O. BOX 633
MIDLAND, TEXAS 79702

CERTIFIED MAIL

MIDLAND DIVISION

Yates Petroleum Corp.
207 S. 4th Street
Artesia, New Mexico 88210

FEDERAL "CCC" WELL #2
2410 FEL; 2970 FSL
SEC. 4, T-24-N, R-3-W
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO

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If you have any questions concerning this application, please call C.A. Moore at (915) 688-1772.

Very truly yours,



G. E. Tate
Environmental and Regulatory Manager

CAM/hjw

A:M615369A.CAM

Mobil Producing Texas & New Mexico Inc.

June 6, 1986

P.O. BOX 633
MIDLAND, TEXAS 79702

CERTIFIED MAIL

MIDLAND DIVISION

Metex Supply Co.
Box 2070
Hobbs, New Mexico 88240

FEDERAL "CCC" WELL #2
2410 FEL; 2970 FSL
SEC. 4, T-24-N, R-3-W
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO

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If you have no objection to the drilling of this well, on the above captioned unorthodox location, please complete the enclosed waivers and return two copies to the New Mexico Oil Conservation Division and one copy to MPTM, in the self-addressed envelopes. The fourth copy is for your records.

If you have any questions concerning this application, please call C.A. Moore at (915) 688-1772.

Very truly yours,



G. E. Tate
Environmental and Regulatory Manager

CAM/hjw

A:M615369A.CAM

WAIVER

Mobil Producing TX & NM, Inc.
Attention: G. E. Tate
Post Office Box 633
Midland, Texas 79702

RE: UNORTHODOX WELL LOCATION
MOBIL PRODUCING TX & NM, INC.
FEDERAL "CCC", WELL NO. 2
NORTHEAST SQUARE LAKE FIELD
EDDY COUNTY, NEW MEXICO

Gentlemen:

We, the undersigned, have been furnished a copy of Mobil Producing Texas & New Mexico, Inc.'s application to drill the subject well on an unorthodox location under the provisions of Rule 104.F.I. Please be informed that we, as an offset operator, have no objection to the drilling of this well as set forth in MPTM's application dated June 6, 1986.

Yours truly,

Company _____

Representative _____

Signature _____

Title _____

Date _____