

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. NAME OF OPERATOR KCM Company					
3. ADDRESS OF OPERATOR P. O. Drawer 70 - Midland, Texas					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1494' FNL 1753 FEI Sec 3					
At proposed prod. zone Ellenburger					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 35 miles SW of Hachita					
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE 2551.02 Acres		17. NO. OF ACRES ASSIGNED TO THIS WELL 160 acres	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 9000'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5155' D.F.				22. APPROX. DATE WORK WILL START* 11-1-74	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48	300+	Circ.
12-1/4	9-5/8	36	4000+	400 sks.
7-7/8	5-1/2	17	T.D.	600 sks.

* Attached Blowout Preventer Diagram.

Mud Program: Fresh water gel, low solids mud.

* AMENDED TO CHANGE LOCATION

RECEIVED

OCT - 8 1974

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 N. W. Allen TITLE Prod. Supt. DATE 10-7-74

(This space for Federal or State office use)

SUBJECT TO ATTACHED ~~DEP~~ ^{DEPT} WELL CONTROL
REQUIREMENTS ^{SITE} DATED JUN 22 1973

DATE _____

THIS APPROVAL IS RECORDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JAN 15 1975 *\$

***See Instructions On Reverse Side**

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

KCM Company

3. ADDRESS OF OPERATOR

P. O. Drawer 70 - Midland, Texas

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

At surface 1406' FNL

At proposed prod. zone Ellenburger

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

35 miles SW of Hachita

15. DISTANCE FROM PROPOSED* 1406' FN & 1710' FE
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)16. NO. OF ACRES IN LEASE
2551.02 Acres17. NO. OF ACRES ASSIGNED
TO THIS WELL 160 acres18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH
9000'20. ROTARY OR CABLE TOOLS
Rotary

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

5155' D.F.

22. APPROX. DATE WORK WILL START*
11-1-74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48	300+	Circ.
12-1/4	9-5/8	36	4000+	400 sks.
7-7/8	5-1/2	17	T.D.	600 sks.

* Attached Blowout Preventer Diagram.

Mud Program: Fresh water gel, low solids mud.

RECEIVED
SEP 17 1974
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

N. W. Allen

TITLE

Prod. Supt.

DATE 9-16-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.

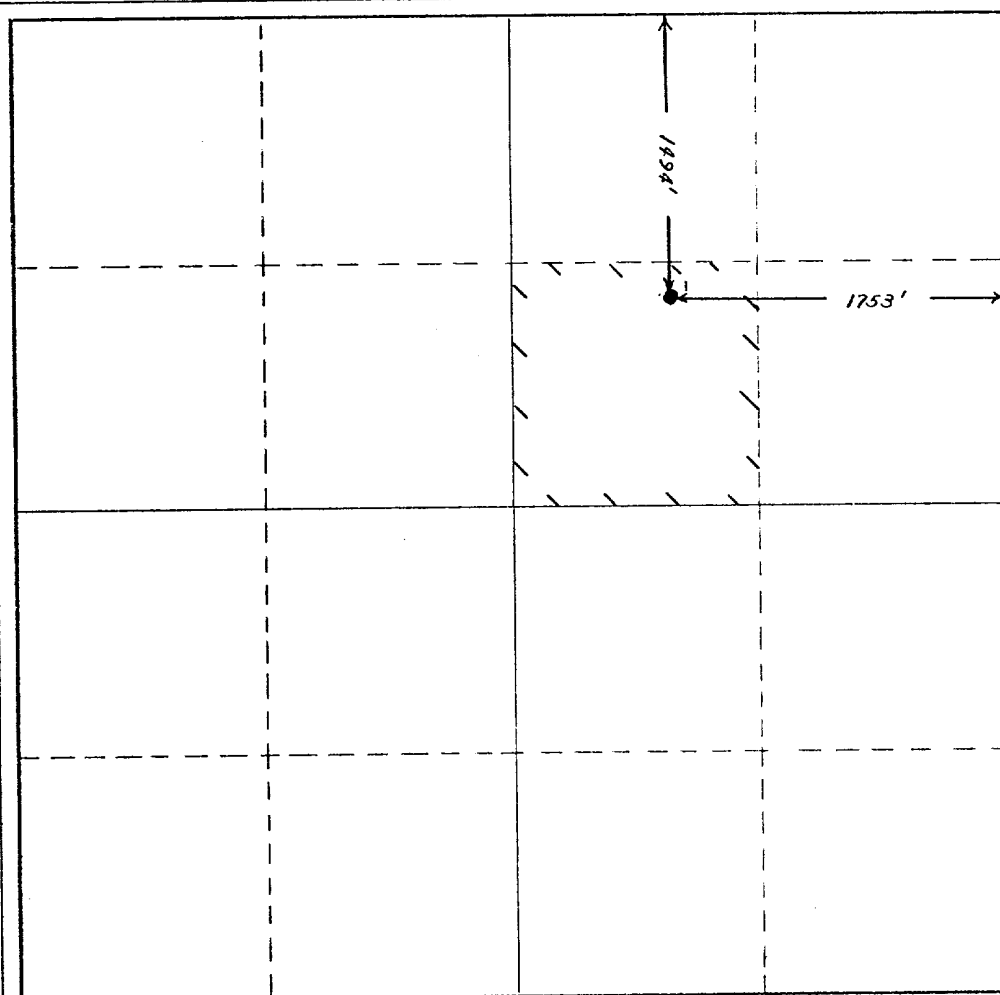
Operator KCM Company			Lease Forest Federal		Well No. 1
Unit Letter G	Section 3	Township 31-S	Range 18-W	County Hidalgo	
Actual Footage Location of Well: 1494 feet from the North line and 1753 feet from the East line					
Ground Level Elev. 5144'	Producing Formation Ellenburger		Pool Wildcat		Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

N. W. Allen

Name
N. W. Allen
Position
Prod. Supt.
Company
KCM Company
Date
10-7-74

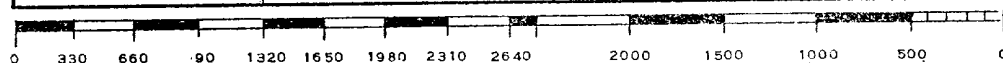
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

RECEIVED
OCT 8 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
8-28-74
Registered Professional Engineer
and/or Land Surveyor

John A. Kroeger

Certificate No.
NML.S. Reg. No. 1941



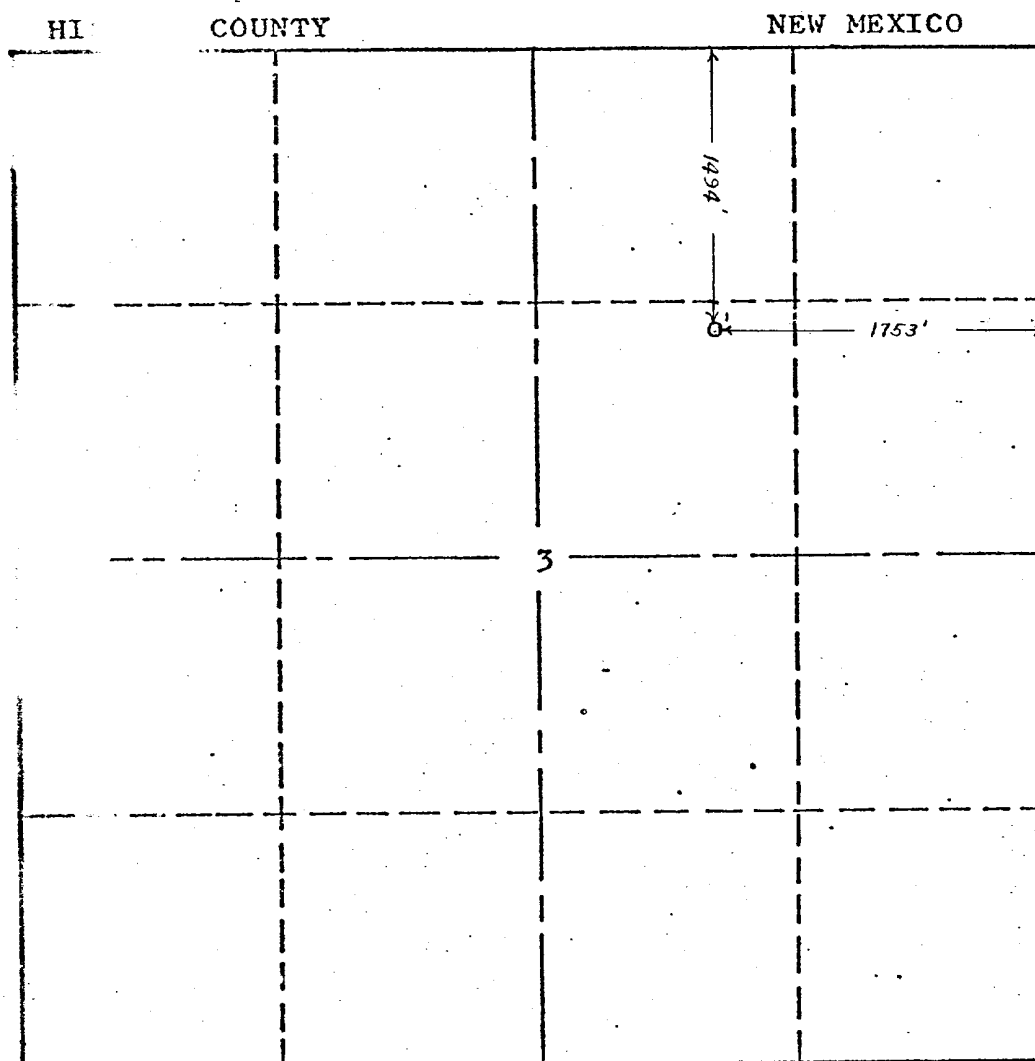
AMENDED

COMPANY FRI-STATE DRILLING COMPAL
K.C.M. COMPANY
FOREST - FEDERAL Well No. 1

SECTION 3 T. 31S. R. 18W. N.M.P.M.

ELEVATION 1494' from the north line
1753' from the east line

ELEVATION 5144 - Ungraded ground



Scale: 1" = 10'

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: August 28, 1974

KROEGER ENGINEERING COMPANY

By:

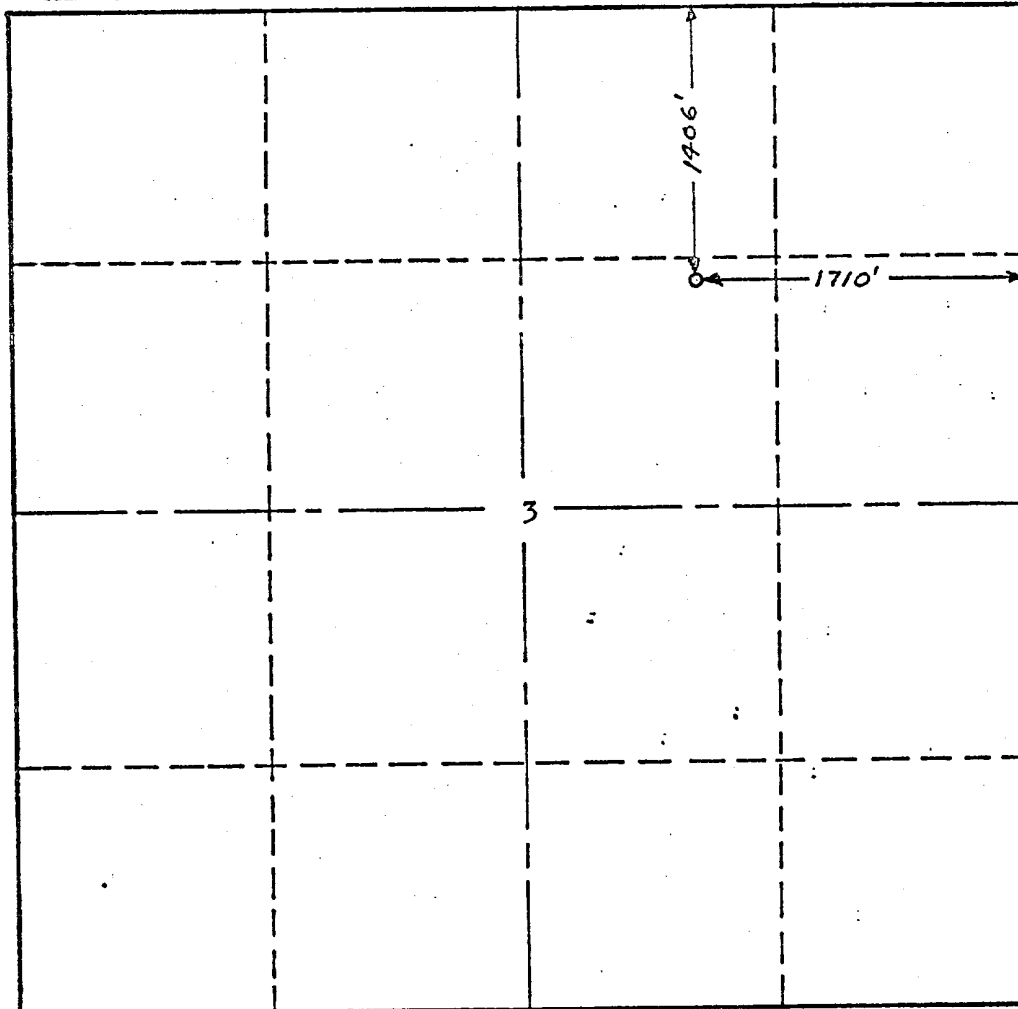
John A. Kroeger
John A. Kroeger, President

New Mexico L.S.Reg. No. 1941

COMPANY TRI-STATE DRILLING COMPANY
K.C.M. COMPANY
LEASE FOREST - FEDERAL Well No. 1
SECTION 3 T. 31S. R. 18W. N.M.P.M.
LOCATION 1406' from the north line
1710' from the east line
ELEVATION 5144 - Ungraded ground

HIDALGO COUNTY

NEW MEXICO



Scale: 1" = 1000'

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: August 28, 1974

KROEGER ENGINEERING COMPANY

By: John A. Kroeger

John A. Kroeger, President
New Mexico L.S. Reg. No. 1941

DEVELOPMENT PLAN FOR SURFACE USE

¹⁴⁹⁴
The KCM Company #1 Forrest Federal is a proposed Ardovician test well located ~~1486~~ feet from the north line and ~~1716~~ feet from the east line of section 3, township 31 south, range 18 west in Hidalgo County, New Mexico (see exhibit "A")

Access to the location is gained by proceeding south from Hachita New Mexico on Highway 81 twenty-one miles, then west on a maintained gravel road thirteen miles to the location (exhibit "A")

The existing road is maintained for use by the Milling and Mining Company of America and passes adjacent to the proposed location. No additional access road will be necessary.

No well has ever been drilled within a two mile radius of the proposed location.

Should the exploratory well be productive of oil or gas, the proposed location of the tank battery will be at the well site.

It is proposed that a water well be drilled at the well location to a depth of about 230 feet.

Waste material will be deposited in the reserve pit. After drying out, this pit will be covered over and contoured as near as possible to the original configuration of the surface.

Exhibit "B" is a plat showing the location of the drilling pad. Relationship to topographical features can be ascertained from Exhibit "A". The location will be graded only with no paving type substance used. Exhibit "C" shows measurements and distances for rig and pits.

The topography in general is rugged, semi-mountainous with broken limestone soil and sparse greasewood vegetation. Upon completion of the project, the drill site will be cleaned, leveled, and reseeded if sufficient topsoil is available.

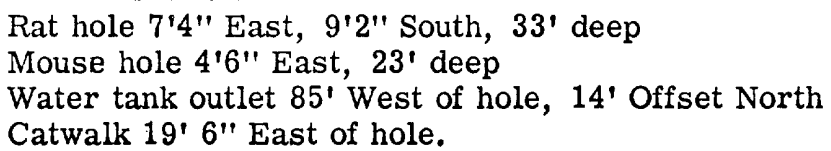
KCM COMPANY REPRESENTATIVES

N. W. Allen - Prod. Supt.- Phone 915-684-6641 Office
915-694-1332 Residence
C. C. Johnson - Geologist - Phone 915-684-6641 Office
915-683-1717 Residence

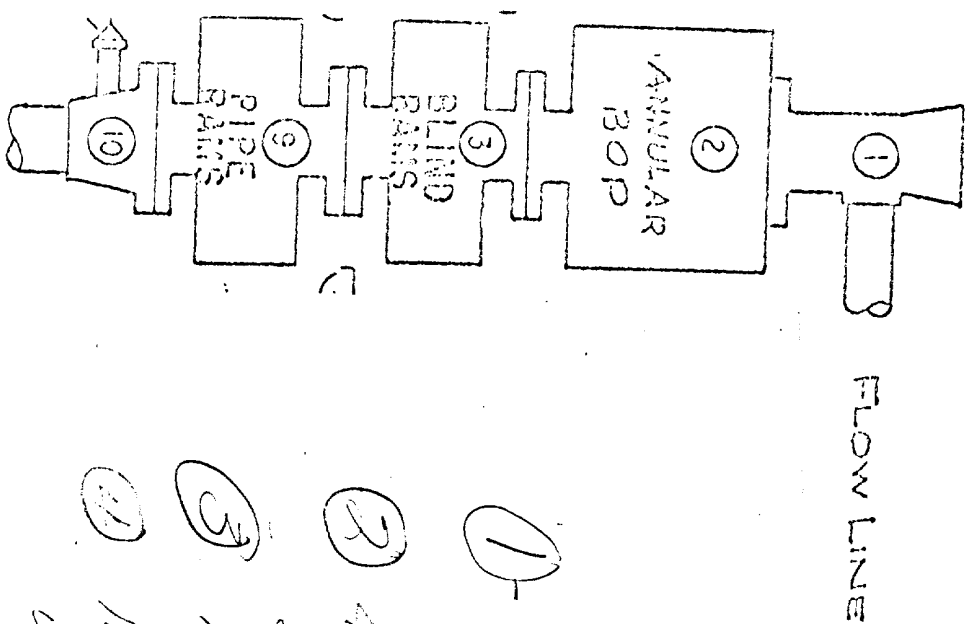
Mailing Address: P. O. Drawer 70 - Midland, Texas 79701

MUD PROGRAM
FOREST FEDERAL NO. L

1. Surface hole - 0-300'
Fresh water mud wt. 38-40 Vis. No water loss control,
with lost circulation material to control lost circulation.
2. Intermediate - 300' - 4000'
Fresh water mud with 38-40 Vis. No water loss control
With lost circulation material to control lost circulation.
3. Oil String - 4000' to T.D.
Fresh water, low solids mud with Bis. 36, Wt. 8.6.
Water loss below 10 cc. Lost circulation material to
control lost circulation. This may vary as hole
conditions change.



MIDLAND DRILLING ORGANIZATION
 BLOWOUT PREVENTER SPECIFICATION
 TYPE II - C



- ① 300' - 4000' 12" X 900 - 3000# W.P.
manifold B.O.P.
- ② 4000' - T.D 10" X 900 Double Hyd B.O.P.
3000# W.P.
- ③ 10" X 900 Hydrill 3000# W.P.
- ④ 10" X 900 choke manifold 3000# W.P.
w/ 2-3" Bean Choke 1-4" outlet.

