

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

E. B. Clark

## 3. ADDRESS OF OPERATOR

700 City National Bank Bldg. Wichita Falls, Texas 76301

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

At surface 1650' FSL &amp; 1980' FWL Sec. 31, T-18-S, R-32-E

At proposed prod. zone Same

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

11 miles south-southwest of Maljamar, New Mexico

## 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.

990'

## 19. PROPOSED DEPTH

4300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

## 22. APPROX. DATE WORK WILL START\*

March 8, 1976

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	20#	550'	Circulate
7 7/8"	5 1/2"	15#	4300'	

E.B. Clark proposes to drill its Federal # 3 well for completion in the Grayburg at an approximate depth of 4230'.

Casing program will consist of 8-5/8" 20# surface casing set at approximately 550' and cemented to the surface, and 5 1/2" 15# production casing to be set at approximately 4230' with cement back to the base of the salt section. Surface casing will be tested to 1,000 psi and production casing to 3,000 psi. WEK Drilling company will drill the well with rotary tools and will be equipped with a Schaeffer Type E 10" Series 900 Hydraulic BOP.

Native mud will be used from the surface to top of the Yates and salt water mud from the top of the Yates to total depth.

The Grayburg from an approximate depth of 4230-45' will be completed open hole and stimulated for production.

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

Dalton Kincheloe

TITLE

Agent

DATE

3-4-1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED  
MAR 9 1976

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ARTHUR R. BROWN  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

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MAR 3 1976

OIL CONSERVATION COMM.  
HOBBS, N. M.

E. B. CLARK  
700 CITY NATIONAL BANK BLDG.  
WICHITA FALLS, TEXAS 76301

HIGHTOWER WELL NO. 3  
1650' FSL AND 1980' FWL  
SECTION 31-T18S-R32E  
LEA COUNTY, NEW MEXICO

ATTACHMENT TO APPLICATION FOR PERMIT TO DRILL  
DEVELOPMENT PLAN FOR SURFACE USE

1. Existing Roads - Existing roads as shown on the attached topographic map will be used for access to the proposed location.
2. Planned Access Road - Existing road from northeast, as shown in red on attached plat, will be repaired as necessary.
3. Location of Well - Proposed location of well is 1650' FSL and 1980' FWL (990' north of E. B. Clark's #2 well) of Section 31-T18S-R32E approximately eleven miles south and two and one-half miles west of the townsite of Maljamar, New Mexico.
4. Lateral Roads to Well Location - Additional roads to other well locations will be built prior to the commencement of actual drilling operations. Existing roads will be used where possible.
5. Location of Tank Batteries and Flow Lines - If proposed well is successfully completed, a flow line will be laid directly to the existing battery for the #2 well.
6. Locations and Types of Water Supply - Fresh water from commercial water company will be utilized to drill well.
7. Methods of Handling Waste Disposal - 50' x 100' reserve pit to be covered upon completion of well will be used for disposal of drilling mud and cuttings. Paper and other debris will be placed in 8' x 20' burn pit.
8. Location of Camps - No camps are located in the area of the proposed location.
9. Location of Air Strips - No usable airstrips are in the area of the proposed location.
10. Location Layout to Include Position of Rig, Mud Tanks, Reserve Pit, Burn Pit, Pipe Racks, Etc. - See Attachment.
11. Plans for Restoration of the Surface - All pits will be filled upon well completion and ground around location will be levelled with space allowed for well servicing.
12. Miscellaneous - No other known enviromental information is applicable to this proposed location.

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E. B. Clark  
# 3 Federal  
1980' F WL & 1650' FSL  
Sec. 31, T. 18 S. R. 32 E.  
Lea County, New Mexico

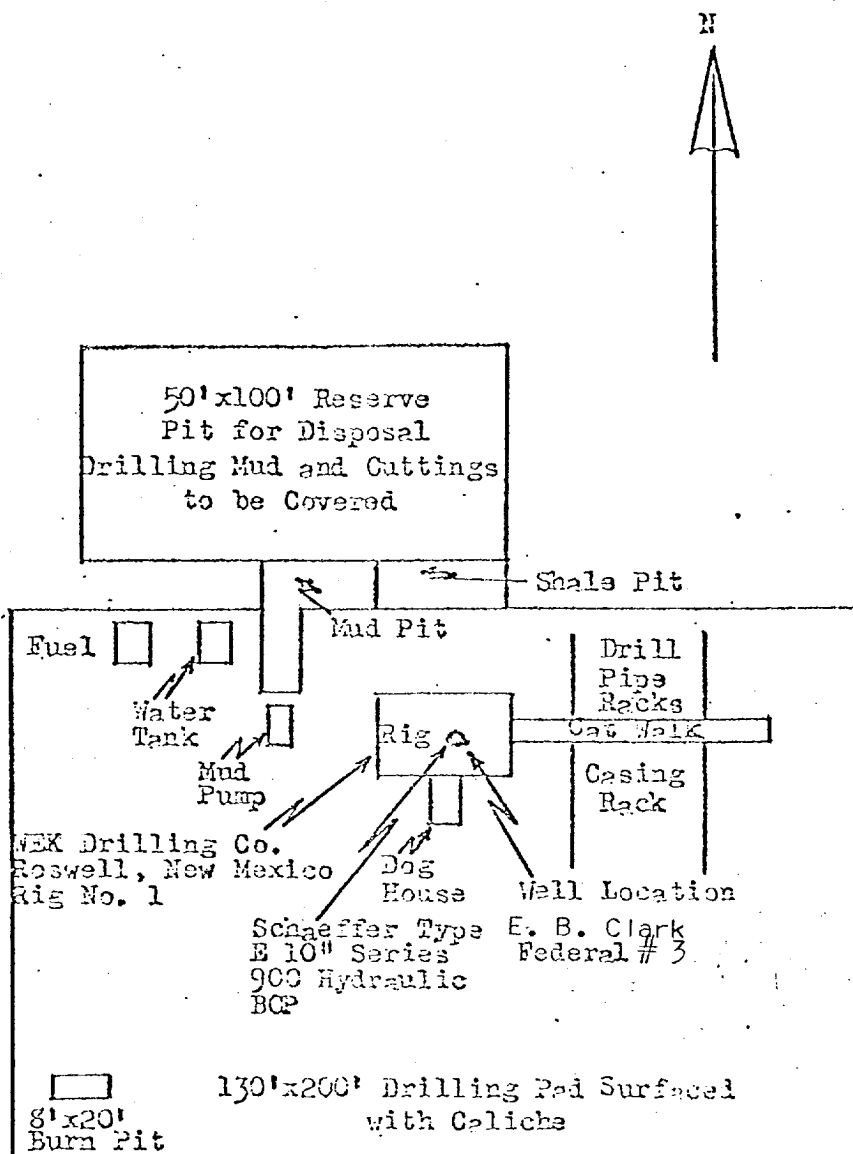
DEVELOPMENT PLAN FOR SURFACE USE  
POINTS 1-5 OF 12-POINT PLAN  
APPLICATION FOR PERMIT TO DRILL

DEVELOPMENT PLAN FOR SURFACE USE  
POINTS 1-5 OF 12-POINT PLAN  
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SCALE 1" = 200'

E. B. Clark # 3 Federal  
1980' F WL & 1650' F SL  
Sec. 31 Twn. 18 S. R 32 E.  
Lea County, New Mexico  
Watkins Grayburg Field

DEVELOPMENT PLAN FOR SURFACE USE  
POINT 10 OF 12-POINT PLAN  
APPLICATION FOR PERMIT TO DRILL

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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.

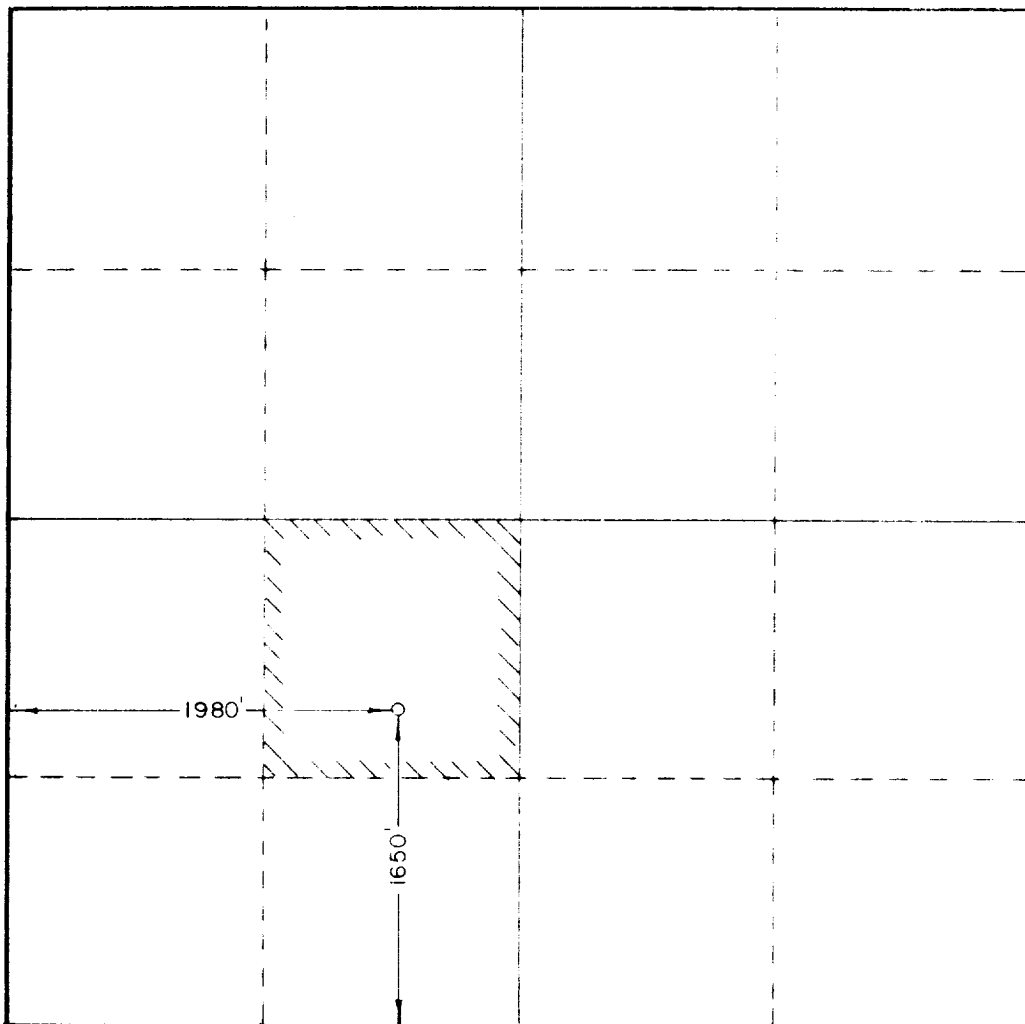
Operator <b>E. B. Clark</b>			Lease <b>Federal</b>		Acres <b>3</b>
Unit Letter <b>K</b>	Section <b>31</b>	Township <b>18 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Well Location of Well:					
<b>1650</b> feet from the <b>South</b> line and		<b>1980</b> feet from the <b>West</b> line			
Ground Level Elev. <b>3668</b>	Producing Formation <b>Grayburg</b>	Pool <b>Watkins</b>	Section & Acres <b>NE 1/4 SW 1/4 40</b> Acres		

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.

Name **Dalton Kitchel**

Position **Agent**

Company **E. B. Clark**

Date **March 5, 1976**

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 Recd. **March 5, 1976**  
 Registered Professional Engineer and Land Surveyor **676**  
 State of **MEXICO**  
 Certified **JOHN W. WEST**

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

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