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U.S.G.S.	
LAND OFFICE	
OPERATOR	

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

2-15-81

5A. Indicate Type of Lease

STATE ☒ FEE ☐

3. State Oil &amp; Gas Lease No.

## 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

SIERRA OIL AND GAS COMPANY

3. Address of Operator

1250 14TH STREET, SUITE 650, DENVER, COLORADO 80202

4. Location of Well

UNIT LETTER C LOCATED 660 FEET FROM THE NORTH LINE

AND 1980 FEET FROM THE WEST LINE OF SEC. 18 TWP. 11N RGE. 20W NMPM

7. Unit Agreement Name

8. Form or Lease Name

YATES STATE

9. Well No.

1

10. Field and Pool, or Wildcat

WILDCAT *Permian*

12. County

MCKINLEY

21. Elevations (Show whether DF, RT, etc.)

6851

21A. Kind & Status Plug. Bond  
\$50,000 BLANKET  
IN FORCE

19. Proposed Depth

3000

19A. Formation

ABO

20. Rotary or C.T.

ROTARY

22. Approx. Date Work will start

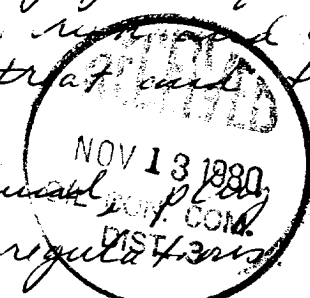
12-10-80

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9-7/8"	7-5/8"	24#	100	200	SURFACE
6-3/4"	4 1/2"	10.5#	3000	200	2000

- 1) Drill 9 7/8" hole to approximately 100'. Run and cement 7 5/8" surface casing.
- 2) Drill 6 3/4" to 3000' TD. Test and log zones of interest. If commercial production warrants, run and cement 4 1/2" production casing. Perforate, treat and test well as necessary.
- 3) If no commercial production is forecast, plug well according to state rules and regulations.



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. 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 John J. Gerquinich Title PETROLEUM ENGINEER Date NOVEMBER 11, 1980

(This space for State Use)

APPROVED BY Frank J. Dwyer TITLE SUPERVISOR DISTRICT 3 DATE NOV 17 1980

CONDITIONS OF APPROVAL, IF ANY:

BO Permitted

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

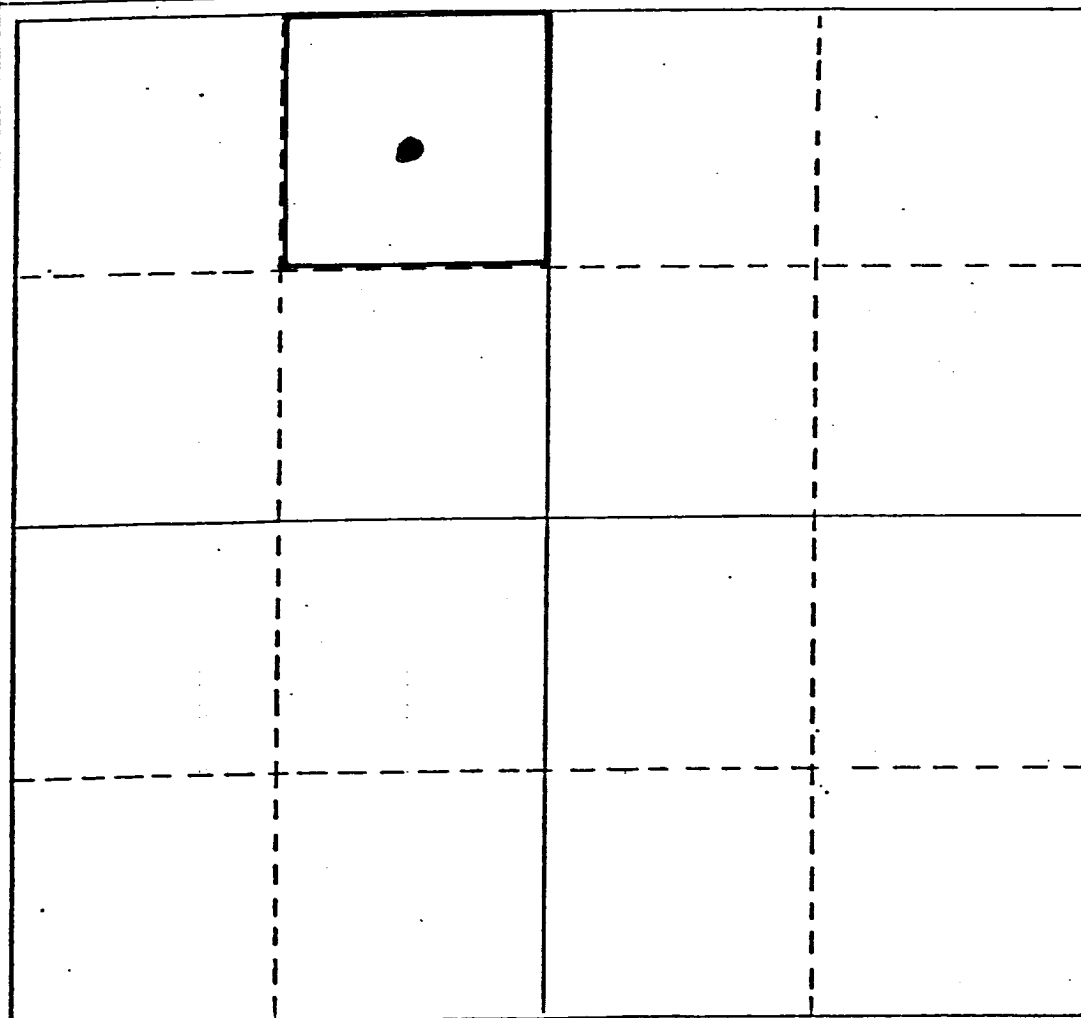
Operator <b>SIERRA OIL AND GAS COMPANY</b>		Lease <b>YATES STATE</b>		Well No. <b>1</b>
Unit Letter <b>C</b>	Section <b>18</b>	Township <b>11 NORTH</b>	Range <b>20 WEST</b>	County <b>MCKINLEY</b>
Actual Footage Location of Well: <b>600</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>6851</b>	Producing Formation <b>ABO</b>	Pool	Dedicated Acreage: <b>40</b> 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 Division.



## CERTIFICATION

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

*John J. Gergurich*  
Name **JOHN J. GERGURICH**  
PETROLEUM ENGINEER

Position  
**SIERRA OIL AND GAS CO**

Company  
**NOVEMBER 11, 1980**

Date

*John J. Gergurich*  
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

Registered Professional Engineer  
and/or Land Surveyor

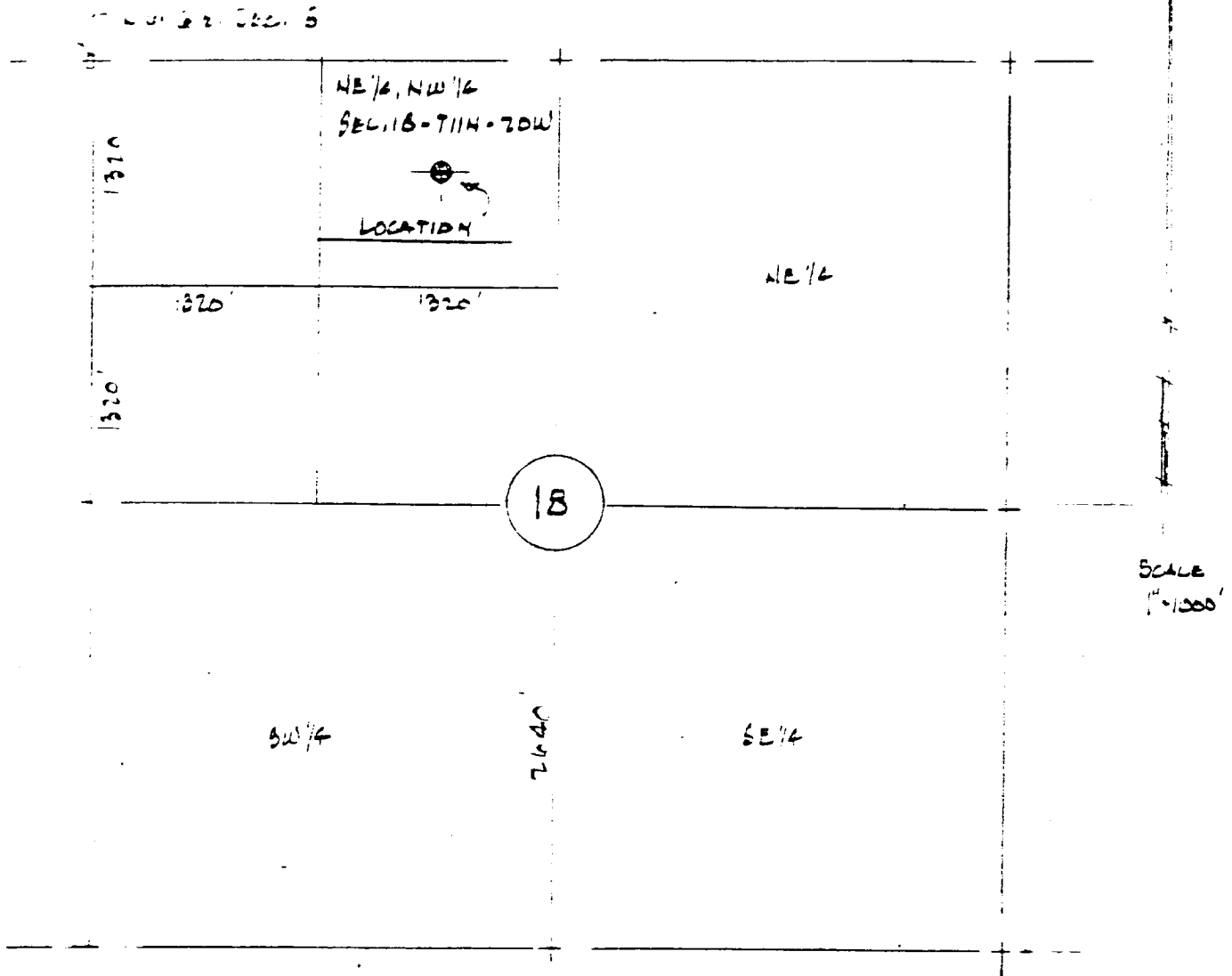
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

MCKINLEY COUNTY  
 NEW MEXICO

SECTION 18 - T11N - R20W NMPM

NOTES 800' 1/4' 10-60-35



STATE No. 1 is located 1980' FEET EAST & 660' FEET SOUTH OF THE NW COR.  
 SEC. 18 - T11N - R20W N.M.P.M. IN THE NE 1/4, NW 1/4 SEC. 18.

THIS IS TO CERTIFY THAT THIS PLAT IS TRUE TO THE BEST OF MY KNOWLEDGE.  
 IT WAS MADE FROM ACTUAL FIELD NOTES.

DATE 11-7-60  
 S.M. NEW MEXICO

ELEVATION AT THE LOCATION IS 6851  
 FEET ABOVE SEA LEVEL.



*S.M. Murray*  
 S.M. MURRAY  
 REGISTERED LAND  
 SURVEYOR No. 6426  
 NEW MEXICO