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5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEED <input type="checkbox"/>
5. State Oil & Gas Lease No.	

## 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"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name YATES STATE
2. Name of Operator SIERRA OIL AND GAS COMPANY		9. Well No. 2
3. Address of Operator 1250 14TH STREET, SUITE 650, DENVER, COLORADO 80202		10. Field and Pool, or Wildcat WILDCAT <i>Permit</i>
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>312330</u> FEET FROM THE <u>NORTH</u> LINE <u>1588</u> AND <u>1080</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>10</u> TWP. <u>14N</u> RGE. <u>15W</u> NMPM		12. County McKINLEY
19. Proposed Depth 2600		19A. Formation ABO
20. Rotary or C.T. ROTARY		
21. Elevations (Show whether DF, RT, etc.) GL 7192	21A. Kind & Status Plug. Bond \$50,000 BLANKET IN FORCE	22. Approx. Date Work will start 12-15-80

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#	2600	200	1600

- (1) Drill 9-7/8" hole to approximately 100'. Run and cement 7-5/8" surface casing.
- (2) Drill 6-3/4" hole 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 found, plug well according to State rules and regulations.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 2-15-81

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. Bergman Title PETROLEUM ENGINEER Date 11-13-80

(This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:

*BOP requires Hold C-104 for NSL*

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>2</b>
Unit Letter <b>B</b>	Section <b>10</b>	Township <b>14 NORTH</b>	Range <b>15 WEST</b>	County <b>McKINLEY</b>
Actual Footage Location of Well: <b>330</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>7192</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 hatchure marks on the plat below.

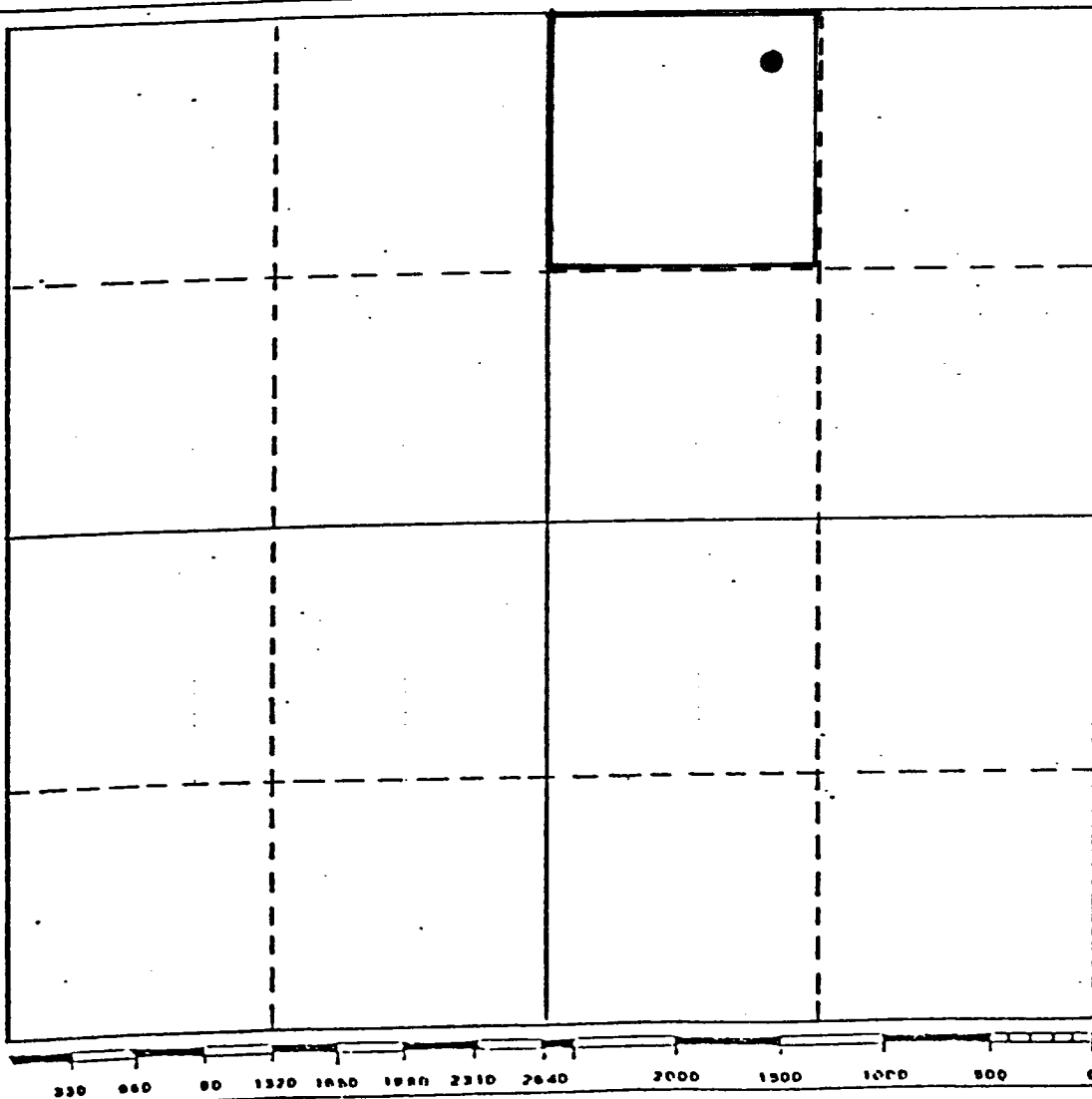
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Division.



## CERTIFICATION

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

Name  
**JOHN J. OVERBURCH**  
Position  
**PETROLEUM ENGINEER**  
Company  
**SIERRA OIL & GAS CO.**

Date  
**NOVEMBER 13, 1980**

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.

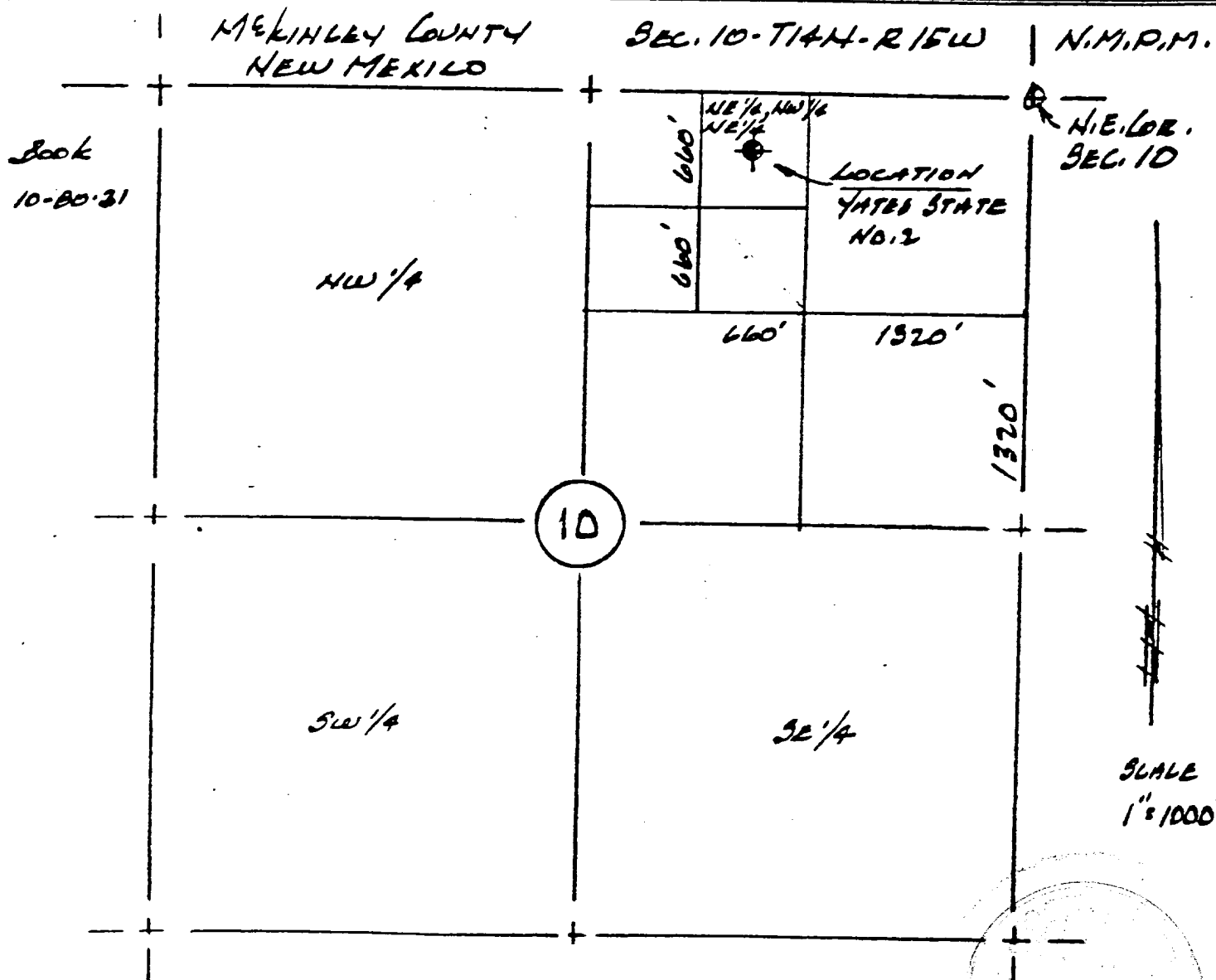
# YATES STATE No. 2 LOCATION

JOB No. \_\_\_\_\_

BY S.V.M.

CHK'D

DATE 11-1-60



YATES STATE No. 2 IS LOCATED 1588' FEET WEST AND 318' FEET SOUTH OF THE N.E. COR. SEC. 10 - T14N - R15W N.M.P.M., IN THE NE 1/4, NW 1/4, NE 1/4 OF SEC. 10.

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED BY ME FROM ACTUAL FIELD NOTES, AND IS TRUE TO THE BEST OF MY KNOWLEDGE.

DATE: 11-1-60

ELEVATION AT YATES STATE No. 2  
LOCATION IS 7192

GRANTS NEW MEXICO



*Sam A. Murray*  
SAM A. MURRAY  
REGISTERED LAND  
SURVEYOR NO. 6426  
NEW MEXICO