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 NEW MEXICO OIL CONSERVATION COMMISSION
 NOV 01 1984
 O. C. D.
 ARTESIA, OFFICE

Form C-101
 Revised 1-1-65

5A. Indicate Type of Lease
 STATE FEE
 5. State Oil & Gas Lease No.
 L-2464

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 checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Tolmac State
2. Name of Operator McClellan Oil Corporation ✓		9. Well No. 4
3. Address of Operator P.O. Drawer 730, Roswell, NM 88202		10. Field and Pool, or Wildcat South Pecos Slope Abo
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980'</u> FEET FROM THE <u>North</u> LINE AND <u>1650'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>36</u> TWP. <u>9S</u> RGE. <u>25E</u> NMPM		12. County Chaves
19. Proposed Depth 4500'		19A. Formation Abo
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3622' G.L.
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor WEK
22. Approx. Date Work will start Nov. 24, 1984		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	23#	1100'	500 sx	Circulated
7-7/8"	4-1/2"	10.5#	4500'	300 sx	3290'

Propose to drill to approximately 4500' to test the Abo formation. If production is indicated, will run production casing and attempt completion.

Estimated geologic tops: San Andres: 545' Tubbs: 3150'
 Glorieta: 1650' Abo: 3890'

Mud program: Will use native mud to top of Abo. Mud up 100' above top of Abo with salt base gel having a water loss of 15cc and viscosity of 30-40.

Gas is dedicated.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 6-5-85
 UNLESS DRILLING UNDERWAY

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 Mark McClellan Title Geologist Date Oct 31, 1984

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE NOV 5 1984

CONDITIONS OF APPROVAL, IF ANY:

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

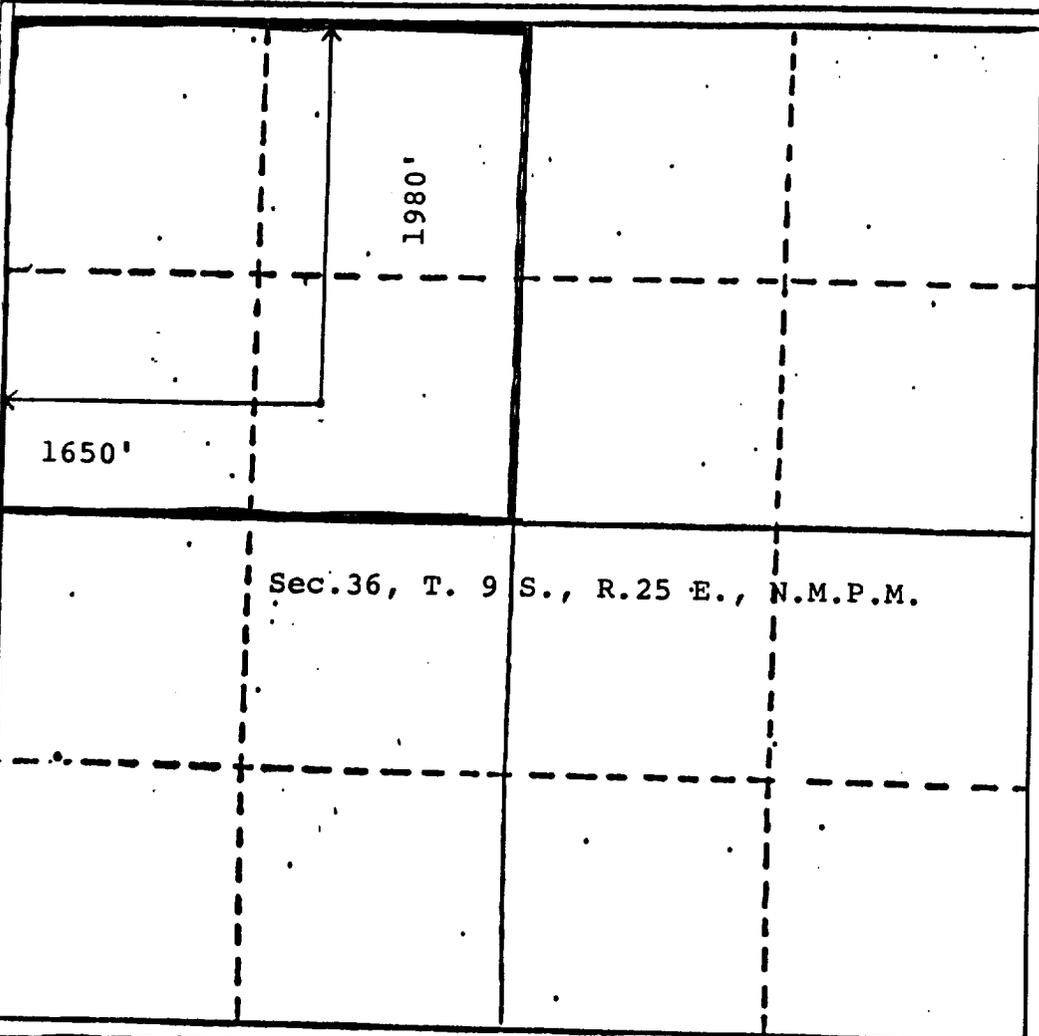
Operator McClellan Oil Corp.		Lease Tolmac State		Well No. #4
Unit Lessee F	Section 36	Township 9 South	Range 25 East	County Chaves
Actual Well Location of Well				
1980 feet from the North line and		1650 feet from the West line		
Ground Level Elev. 3622	Producing Formation Abo	Pool South Pecos Slope Abo	Dedicated Acreage 160	

- 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 Division



CERTIFICATION

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

Mark McClellan

Name
Mark McClellan

Position
Geologist

Company
McClellan Oil Corporation

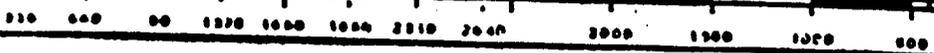
Date
October 31, 1984

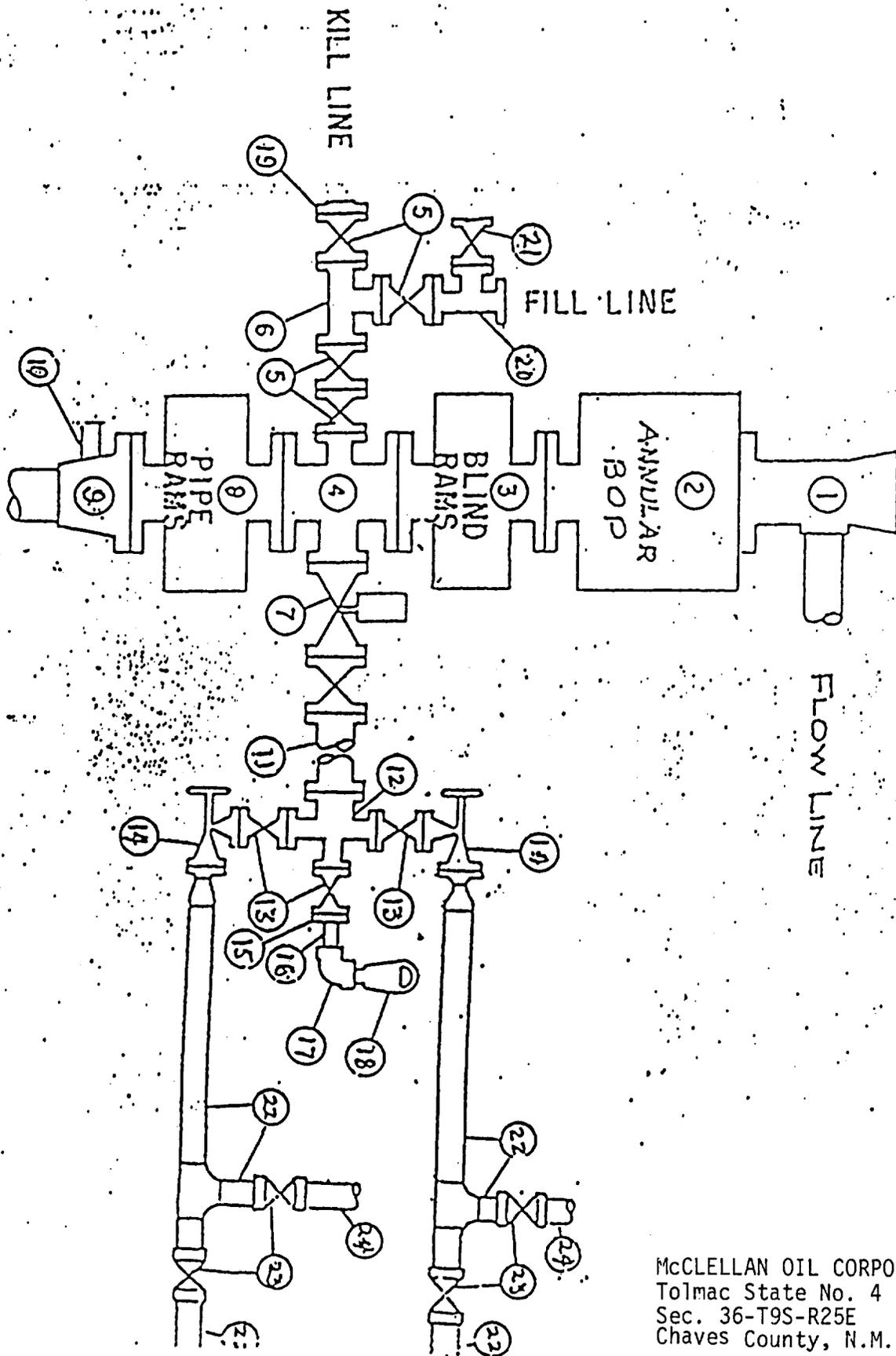
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 30, 1984

Professional Engineer
John D. Jacques, P.E. & L.S.

Certificate No.
6290





McCLELLAN OIL CORPORATION
 Tolmac State No. 4
 Sec. 36-T9S-R25E
 Chaves County, N.M.

DEPARTMENT OF THE INTERIOR
GEOLOGIC L SURVEY

104°22'30"

590000E

560

R 25 E

R 26 E

20' 562

BITTER LAKE NATIONAL WILDLIFE REFUGE

BITTER LAKE NATIONAL WILDLIFE REFUGE

*Tolmac St.
No. 4*

