

RECEIVED BY

JAN 18 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION
Drawer 730, Roswell, NM 88202
Artesia, NM 88210
Other locations on
reverse sideForm approved,
Budget Bureau No. 42-R1425.

30-005-62243

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WELL DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-23540	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR McClellan Oil Corporation ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 730, Roswell, NM 88202		8. FARM OR LEASE NAME Mark Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL & 660' FEL At proposed prod. zone		9. WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles north of Loco Hills, NM		10. FIELD AND POOL, OR WILDCAT Double South	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25-T15S-R29E	
16. NO. OF ACRES IN LEASE 440		12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		20. ROTARY OR CABLE TOOLS Cable Tools	
19. PROPOSED DEPTH 2200'		21. APPROX. DATE WORK WILL START* Jan. 25, 1985	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3883' G.L.			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8-5/8"	24#	450'	150 sx CIRCULATE
8"	4-1/2"	10.5#	2200'	150 sx

Proposed to drill to 2200' in order to test the Queen Sand. If production is indicated, will run 4-1/2" casing and attempt completion.

DEC 2 1984

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 Mark McClellan TITLE Geologist DATE 12/20/84
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
S/Phil Kirk
APPROVED BY _____ TITLE Area Manager DATE 1-16-85
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

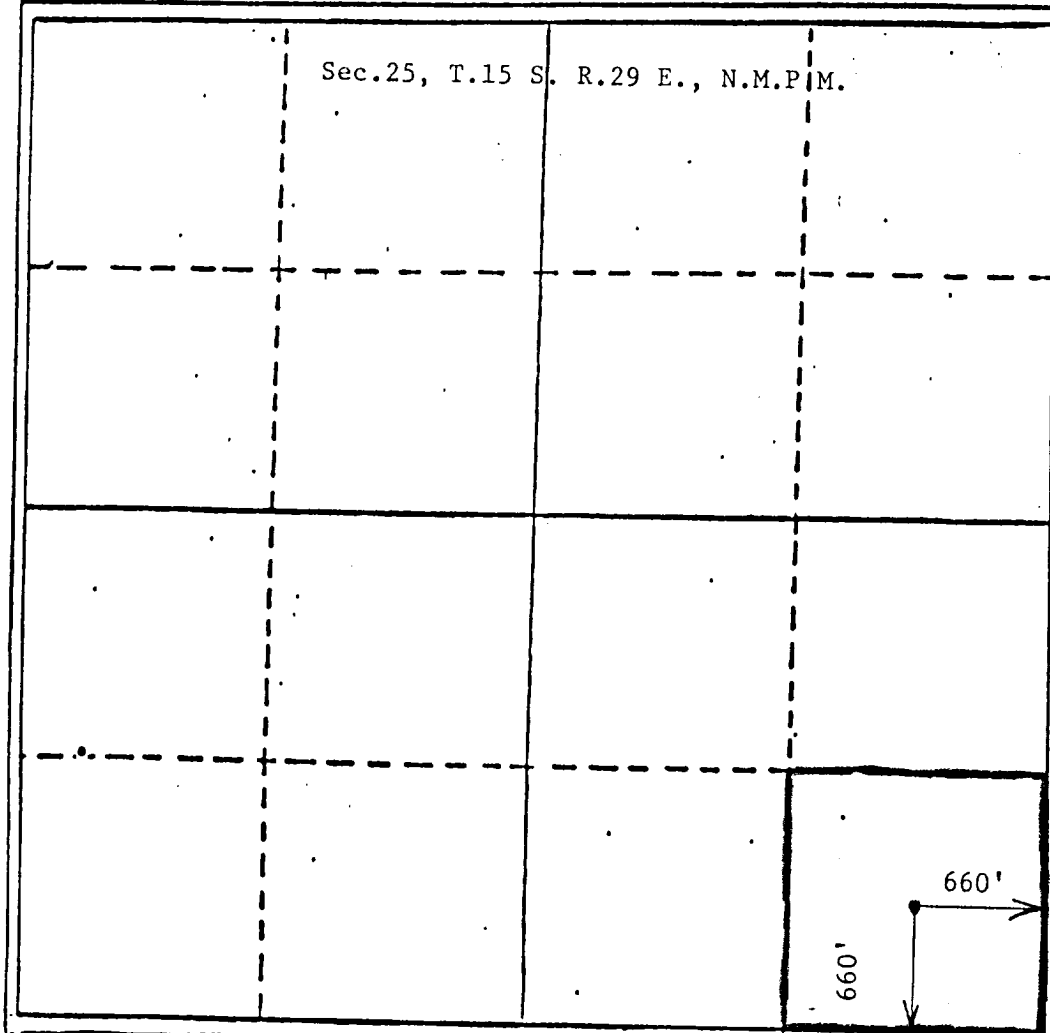
Operator McClellan Oil Corp.		Lease Mark Federal		Well No. #1
Unit Letter P	Section 25	Township 15 South	Range 29 East	County Chaves
Actual Footage Location of Well 660 feet from the South line and 660 feet from the East line				
Ground Level Elev. 3883'	Producing Formation Queen	Pool Double "L" South		Dedicated Acreage 40 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.

Mark McClellan

Name

Mark McClellan

Position

Geologist

Company

McClellan Oil Corporation

Date

December 19, 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

December 19, 1984

Registered Professional Engineer and/or Land Surveyor

John D. Jaquess
John D. Jaquess, P.E. & L.S.

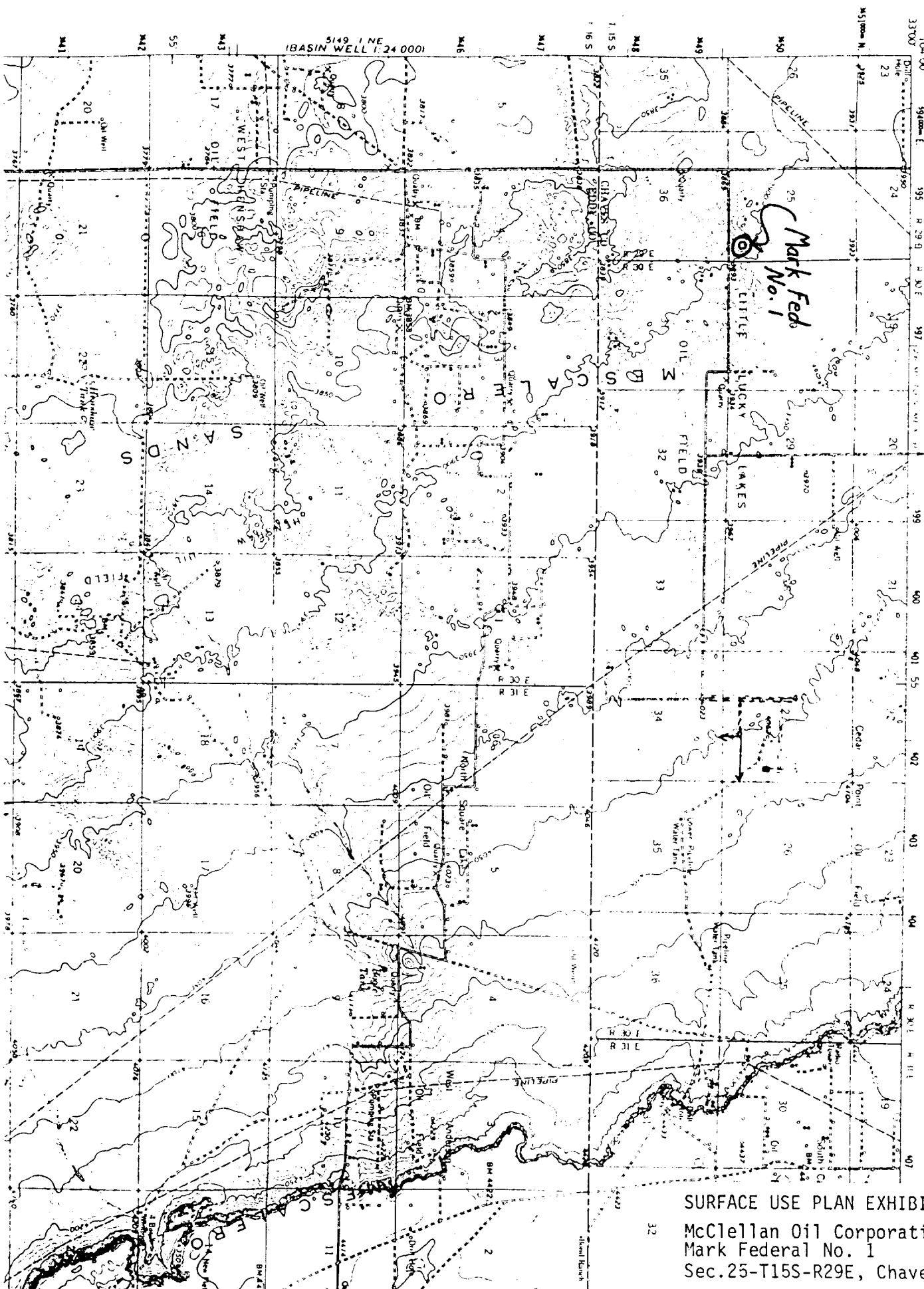
Certificate No.

6290

1. Location: 660' FSL & 660' FEL of Sec. 25-T15S-R29E
2. Elevation: 3883' G.L.
3. Geologic name of surface formation: See archaeological report
4. Type of drilling rig and associated equipment: Cable Tools
5. Proposed drilling depth and objective formation: 2200', Queen
6. Estimated tops of geologic markers:

Yates <u>1315'</u>	San Andres _____	Abo _____
7-Rivers _____	Glorieta _____	Wolfcamp _____
Queen <u>2050'</u>	Tubb _____	_____
7. Estimated depths of any oil, water, or gas: Possible oil @ 2050'
- 8-9. Proposed casing program:

<u>8-5/8" @ 450'</u>	Grade <u>J-55</u>	Wt. <u>24#</u>	Type Cement <u>Class "C"</u>
<u>4-1/2" @ 2200'</u>	Grade <u>J-55</u>	Wt. <u>10.5#</u>	Type Cement <u>Class "C"</u>
_____ " @ _____'	Grade _____	Wt. _____	Type Cement _____
10. Specifications for pressure control equipment and testing procedures: Cable Tool Control Head
11. Type and characteristics of drilling fluids: None (Cable Tool)
12. Testing, logging, and coring programs: Will bail test any oil shows.
Gamma Ray Neutron Log.
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: Jan.25, 1985-Feb.25,1985
15. Other pertinent information: None



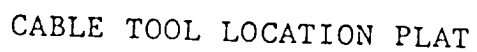
SURFACE USE PLAN EXHIBIT "B"

McClellan Oil Corporation
Mark Federal No. 1

Sec. 25-T15S-R29E, Chaves County



WELL Mark Fed. No. 1
LOCATION 660 FSL + 660 FEL
Sec. 25 - T15S - R29E



SURFACE USE PLAN EXHIBIT "D"
McClellan Oil Corporation
Mark Federal No. 1
Sec.25-T15S-R29E, Chaves County