

UNITED STATES 88210  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-25364

## 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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-046119 - A	
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 Renée Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FWL & 330' FNL At proposed prod. zone		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 miles north west of Loco Hills		10. FIELD AND POOL, OR WILDCAT High Lonesome - Queen	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20-T16S-R29E	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Eddy	
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. 990'		19. PROPOSED DEPTH 1850'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 8/15/85	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3636' G.L.		22. APPROX. DATE WORK WILL START* 8/15/85	

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	310'	Circulated - 300 sx
7-7/8"	5-1/2"	14	1850'	400 sx

Propose to drill a new well to test the Penrose Sand in the Queen formation, Will run 8-5/8" casing to the top of the salt. Will drill with fresh water and mud up with 30 vis mud at total depth. If production is indicated by logs, will run 5-1/2" casing and attempt completion.

Salt 320'  
Yates 726'  
Queen 1470'  
T.D. 1850'

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 Paul Ragdale TITLE Operations Manager DATE 7/24/85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Mark H. H. H. TITLE CARLSBAD RESIDENT DATE 8-7-85  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL REGULATIONS

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

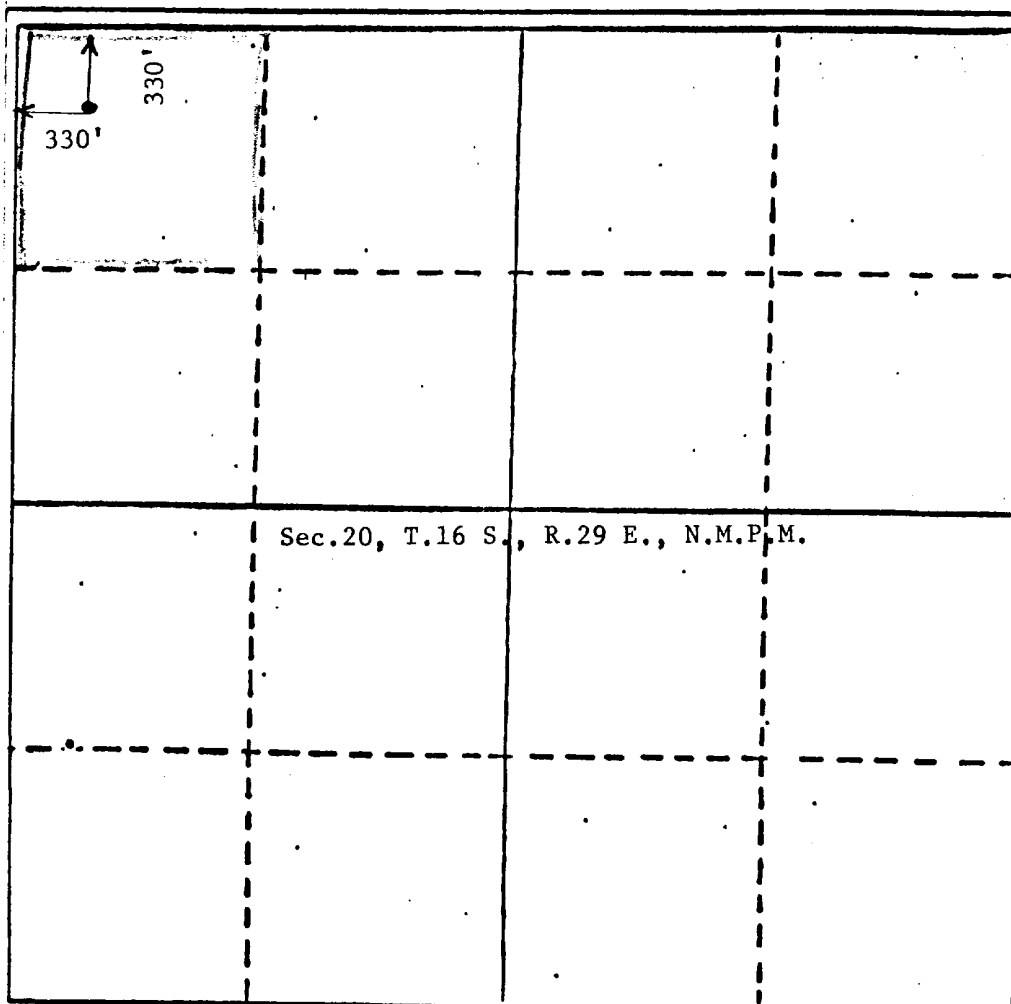
Operator McClellan Oil Corp.		Lease Renee Federal		Well No. 2
Unit Letter D	Section 20	Township 16 South	Range 29 East	County Eddy
Actual Footage Location of Well				
330 feet from the North line and		330 feet from the West line		
Ground Level Elev. 3636	Producing Formation Queen	Pool High Lonesome	Dedicated 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.

*Paul Ragsdale*  
Name  
Paul Ragsdale

Position  
Operations Manager

Company  
McClellan Oil Corp.

Date  
July 24, 1985

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

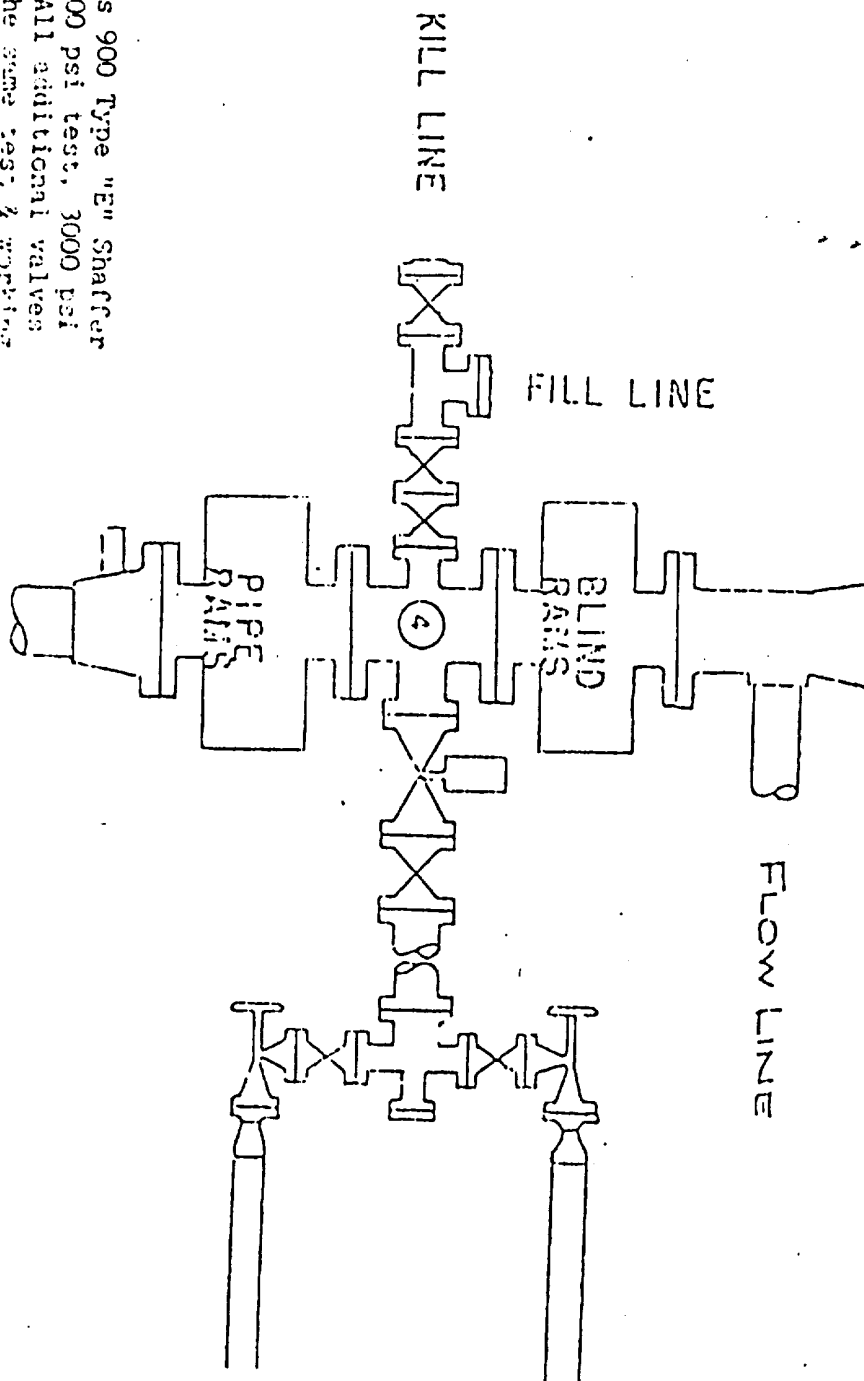
July 23, 1985

Registered Professional Engineer and/or Land Surveyor

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

Certificate No.  
6290

WEK DRILLING CO., INC. - Rig 1 & 3.  
**BLOWOUT PREVENTER SPECIFICATION**



BOP's are 10" Series 900 Type "E" Shaffer  
 Double Hydraulic 6000 psi test, 3000 psi  
 working pressure. All additional valves  
 & connections are the same test & working  
 pressures.

EXHIBIT "E"  
 McClellan Oil Corporation  
 BOP Specification

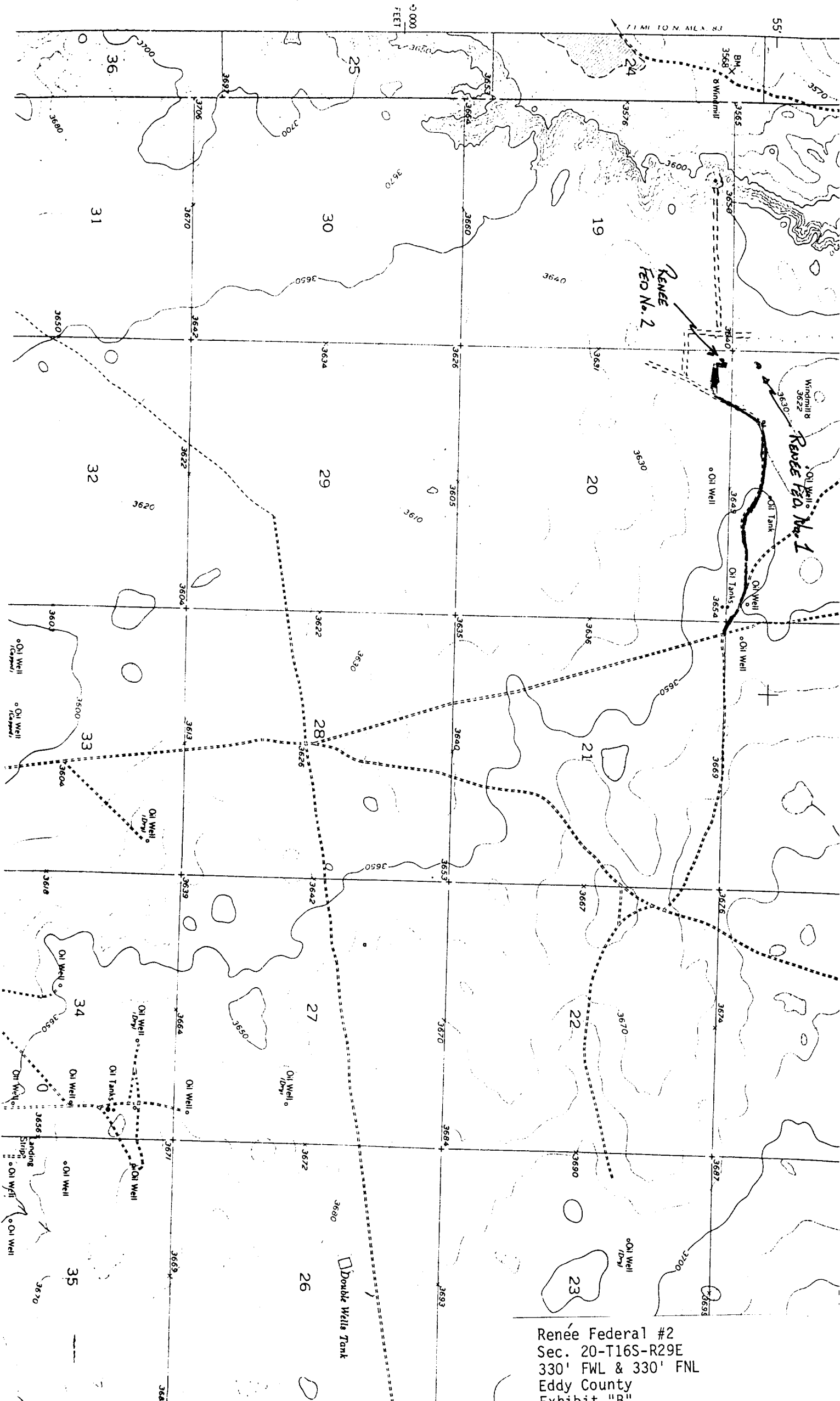
McClellan Oil Corp.  
Renee Federal No. 2

REQUIREMENTS  
(NTL-6)

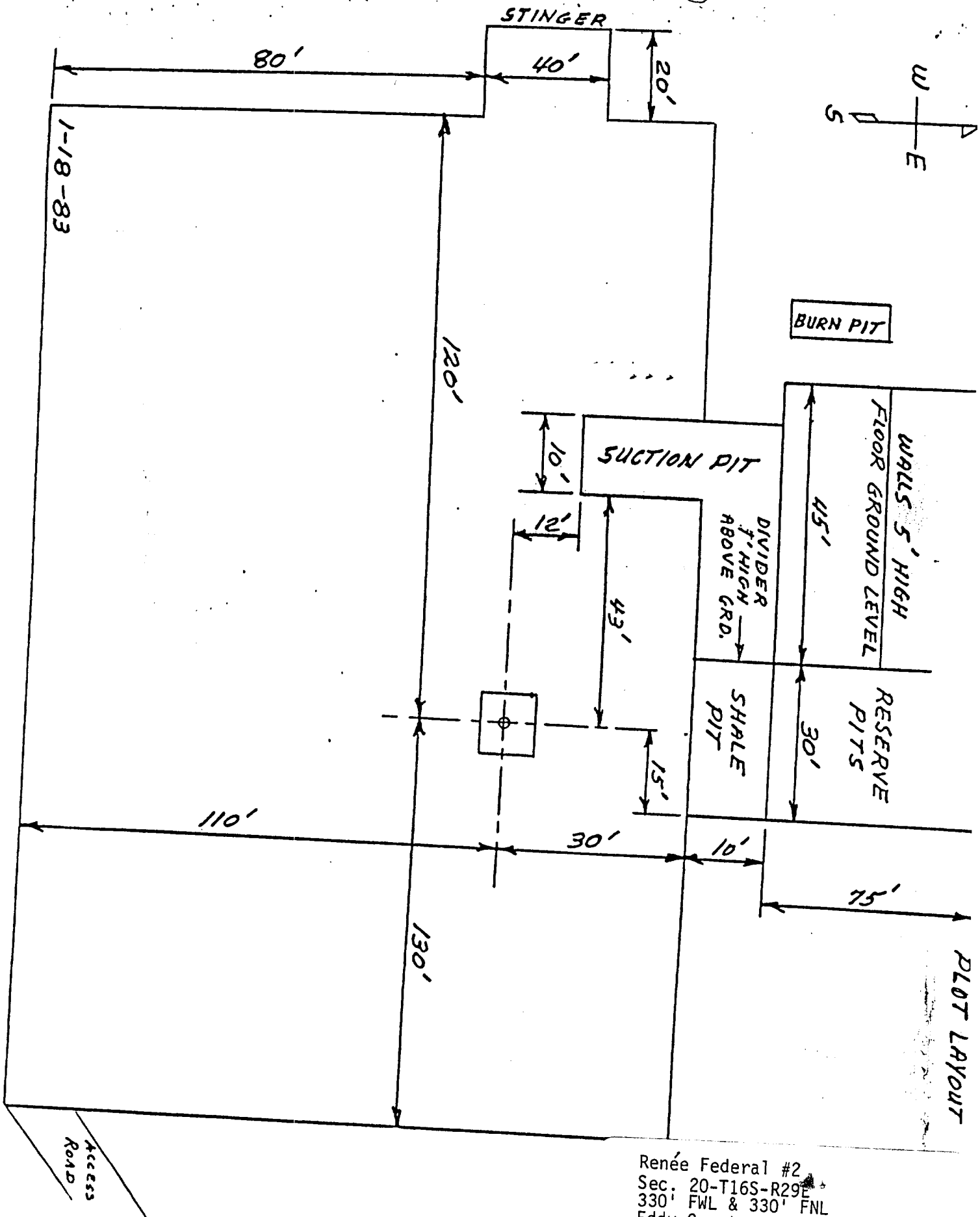
1. Location: 330' FNL & 330' FWL of Section 20-T16S-R29E, Eddy County
2. Elevation: 3636' G.L.
3. Geologic name of surface formation: See archaeological report
4. Type of drilling rig and associated equipment: Rotary
5. Proposed drilling depth and objective formation: 1850', Penrose
6. Estimated tops of geologic markers:

Yates	<u>726'</u>	San Andres	<u>          </u>	Abo	<u>          </u>
7-Rivers	<u>          </u>	Glorieta	<u>          </u>	Wolfcamp	<u>          </u>
Queen	<u>1470'</u>	Tubb	<u>          </u>		
7. Estimated depths of any oil, water, or gas: Possible oil at 1750'.
- 8-9. Proposed casing program:

<u>8-5/8"</u>	@	<u>310'</u>	Grade	<u>X-42</u>	Wt.	<u>20 lb.</u>	Type Cement	<u>300 sx-Circ.</u>
<u>5-1/2"</u>	@	<u>1850'</u>	Grade	<u>J-55</u>	Wt.	<u>14 lb.</u>	Type Cement	<u>400 sx</u>
10. Specifications for pressure control equipment and testing procedures:  
Schaeffer type E 10" series 900 hydraulic BOP
11. Type and characteristics of drilling fluids: Fresh water with 30  
viscosity.
12. Testing, logging, and coring programs: Will run Compensated Neutron,  
Formation Density, Laterolog.
13. Anticipated abnormal pressures or temperature: None anticipated
14. Anticipated commencement and completion date:  
August 15, 1985 - August 30, 1985



Renée Federal #2  
Sec. 20-T16S-R29E  
330' FWL & 330' FNL  
Eddy County  
Exhibit "R"



Renée Federal #2  
 Sec. 20-T16S-R29E  
 330' FWL & 330' FNL  
 Eddy County  
 Exhibit "D"

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico  
SERIAL No.: LC-046119-A

and hereby designates

NAME: McCLELLAN OIL CORPORATION  
ADDRESS: P. O. Drawer 730  
Roswell, New Mexico 88202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 16 SOUTH, RANGE 29 EAST, N.M.P.M.

Section 17:  $W\frac{1}{2}SW\frac{1}{4}$

Section 20:  $W\frac{1}{2}NW\frac{1}{4}$

Eddy County, New Mexico  
containing 160 acres, more or less  
AS TO THE RIGHTS FROM THE SURFACE TO A DEPTH OF 2000' ONLY.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

NORWOOD OIL COMPANY

BY: Betty Ruth Norwood  
(Signature of lessee)

Betty Ruth Norwood, President

P. O. Drawer 1029 Malakoff, TX 75148

(Address)

July 9, 1955  
(Date)