

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

McClellan Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Drawer 730, Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1980' FNL & 660' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

25 miles north and 13 miles east of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2310'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3793 G.L.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	40'	6 yards
12-1/4"	8-5/8"	23	900'	250 sx (circulated)
7-7/8"	4-1/2"	10.5	4100'	350 sx

Propose to drill and test the Abo formation. Approximately 900' of surface casing will be set and cement circulated. If production is indicated, will run production casing and attempt completion.

Formation Tops: San Andres - 590', Glorieta - 1600', Tubb - 3100', Abo - 3630'

Mud Program: Fresh water to top of Abo. Will mud up 100' above Abo with 15 cc water loss, 9.5 lb/gal mud weight and 40 viscosity mud.

Gas not dedicated.

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 Rapdale

TITLE

Operations Manager

DATE

8/21/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

S/Homer Meyer, Acting

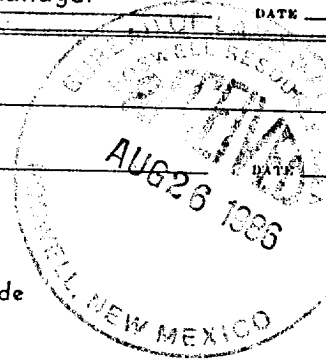
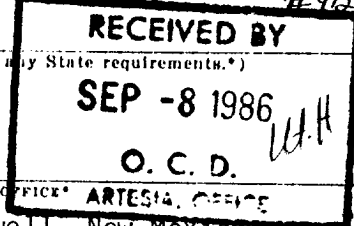
APPROVED BY

TITLE

Area Manager

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.



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

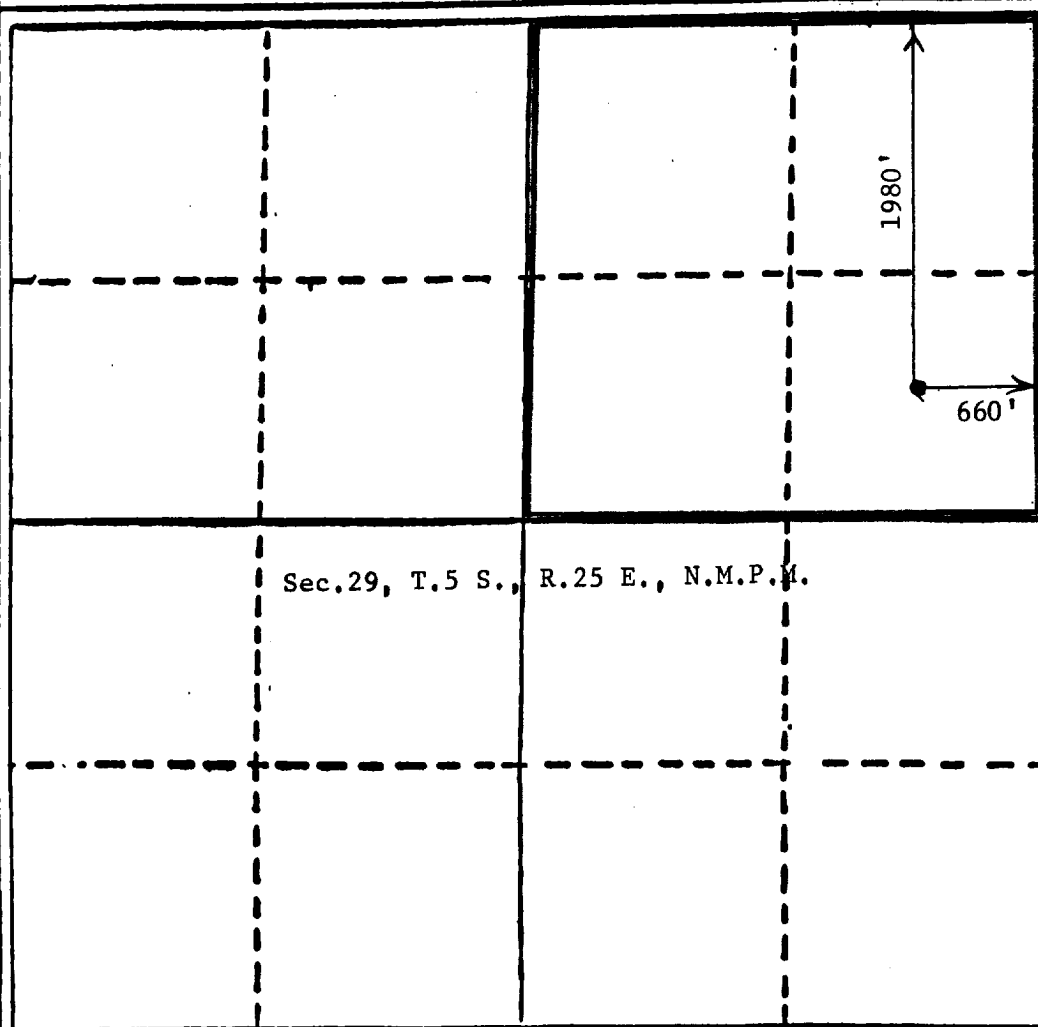
Operator McClellan Oil Corp.			Lease MCCLELLAN MOC Federal		Well No. 19
Unit H	Section 29	Township 5 South	Range 25 East	County Chaves	
Actual Location of Well 660		East		1980 North	
Ground Level Elev. 3793		Producing Formation Abo		Dedicated Acreage 160 Acres	
		Pool Pecos Slope			

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 Corporation

Date

8/25/86

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

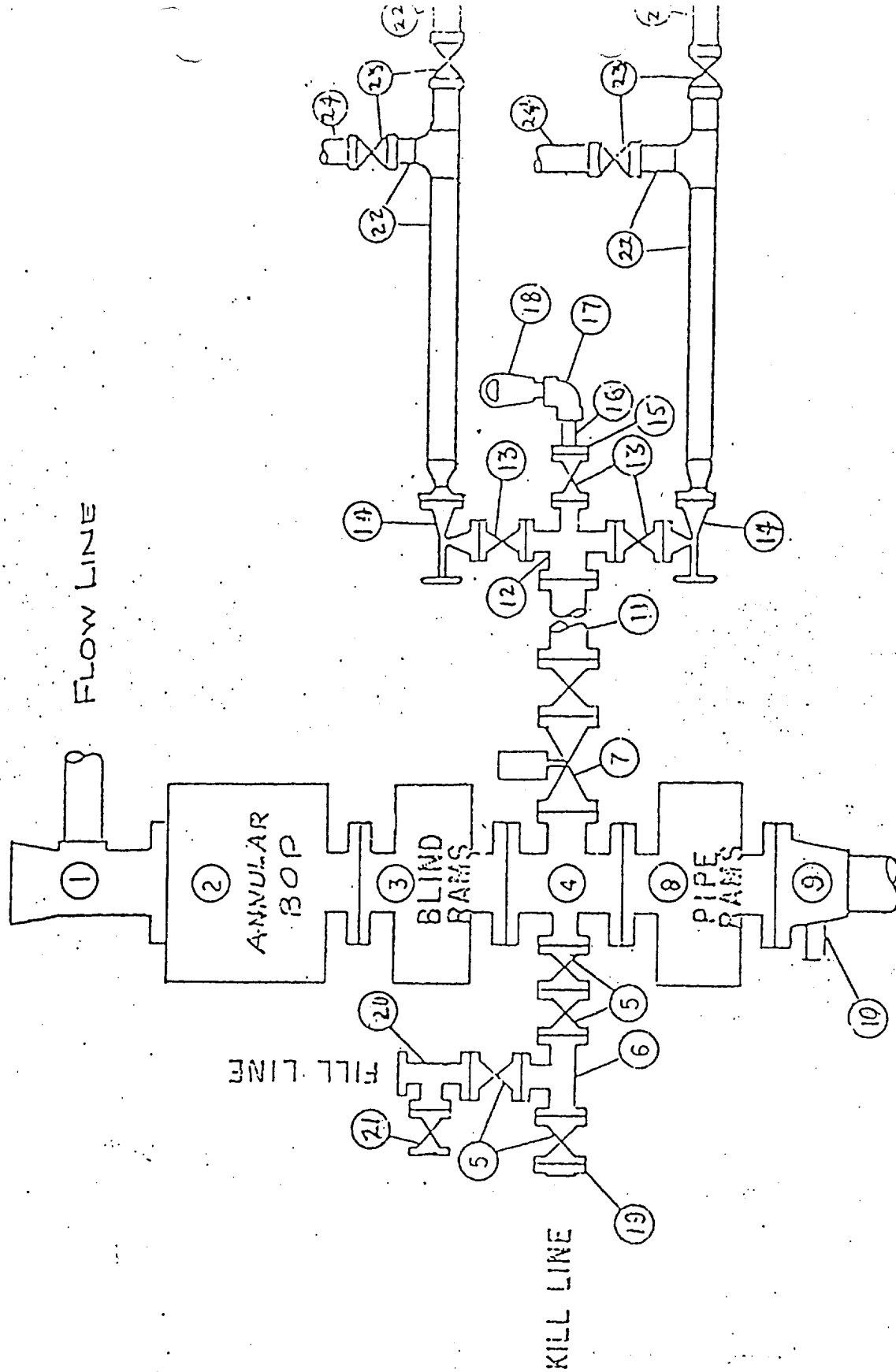
August 28, 1986

Notarized (Notarized) and/or (Notarized)

JOHN D. JAGUES, F.E. & L.S.

6290

BLOWOUT PREVENTER SPECIFICATION



SURFACE USE PLAN EXHIBIT "E"
 McClellan MOC Federal No. 9
 Sec. 29-T5S-R25E
 Chaves County, New Mexico

McClellan Oil Corp.

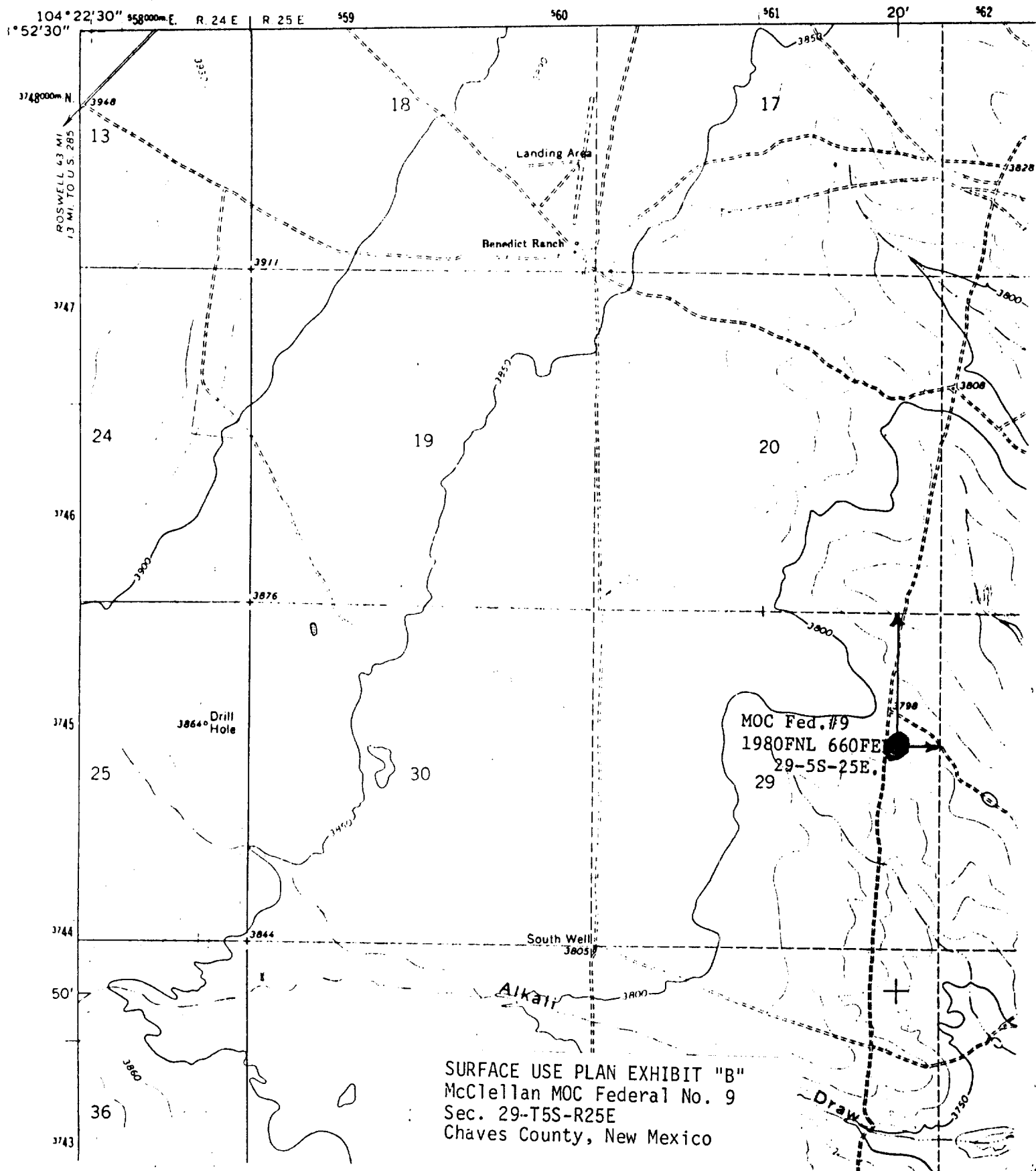
REQUIREMENTS
(NTL-6)

1. Location: 1980' FNL & 660' FEL, Section 29-T5S-R25E
 2. Elevation: 3793' 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: 4100', Abo
 6. Estimated tops of geologic markers:

Yates	<u> </u>	San Andres	<u>590'</u>	Abo	<u>3630'</u>
7-Rivers	<u> </u>	Glorieta	<u>1600'</u>	Wolfcamp	<u> </u>
Queen	<u> </u>	Tubb	<u>3100'</u>		
 7. Estimated depths of any oil, water, or gas: 3637'-4100', Possible gas
 - 8-9. Proposed casing program:

* <u>13-3/8"</u>	@	<u>40'</u>	Grade	<u>H-40</u>	Wt.	<u>48 lb.</u>	Type Cement	<u>6 yards</u>
<u>8-5/8"</u>	@	<u>1000'</u>	Grade	<u>J-55</u>	Wt.	<u>23 lb.</u>	Type Cement	<u>Class "C"</u>
<u>4-1/2"</u>	@	<u>4100'</u>	Grade	<u>J-55</u>	Wt.	<u>10.5 lb.</u>	Type Cement	<u>Class "C"</u>
 10. Specifications for pressure control equipment and testing procedures:
Schaeffer Model 39 (4500 psi test) See Exhibit "E"
 11. Type and characteristics of drilling fluids: Fresh water to top of Abo.
Mud up 100' above Abo with 15 cc water loss, 40 visc. and 9.5 lb/gal mud.
 12. Testing, logging, and coring programs: No testing or coring is
anticipated. Will run Compensated Neutron - Formation Density and Dual
Laterolog Gamma Ray Logs.
 13. Anticipated abnormal pressures or temperature: None
 14. Anticipated commencement and completion date: Oct 1, 1986 - Dec 1, 1986
- 0 * If necessary, due to lost circulation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



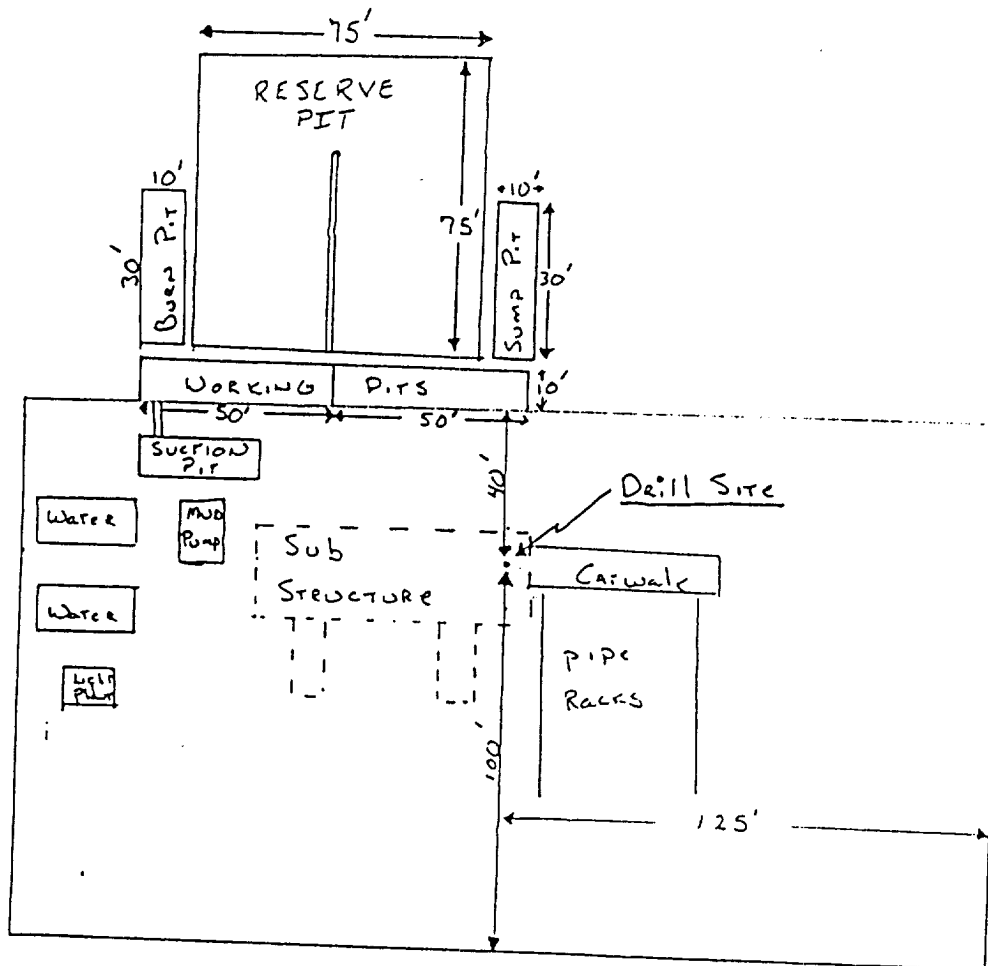
SURFACE USE PLAN EXHIBIT "B"
McClellan MOC Federal No. 9
Sec. 29-T5S-R25E
Chaves County, New Mexico

McCLELLAN OIL CORPORATION
SUGGESTED PAD DIMENSIONS

Reserve Pits 4 ft. deep, plastic lined

Working pits 5 ft. deep

No cellar



Scale 1" = 50'