

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-25632
5. LEASE DESIGNATION AND SERIAL NO.

NM-41642

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Exxon Fed.

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

High Lonesome Queen

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 29-T16S-R29E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

330' FNL & 1980' FEL

At proposed prod. zone

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

19 miles north of Loco Hills, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

990'

19. PROPOSED DEPTH

1980'

20. ROTARY OR CABLE TOOL

Rotary

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

3609' G.L.

22. APPROX. DATE WORK WILL START*

Aug. 3, 1986

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	240'	Circ.-300 sxC + 2% CaCl ₂
7-7/8"	4-1/2"	10.5	1980'	400 sx "C"

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 viscosity mud at total depth. If production is indicated, will run 4-1/2" casing and attempt completion.

Posted ID-1
NL, API
6-20-86

18. 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.

SIGNED

Mark McClellan

TITLE

Geologist

DATE

5/27/86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Mark McClellan

AREA MANAGER

CONDITIONS OF APPROVAL, IF ANY:

TITLE

CARLSBAD RESOURCE AREA

DATE

6-13-86

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

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

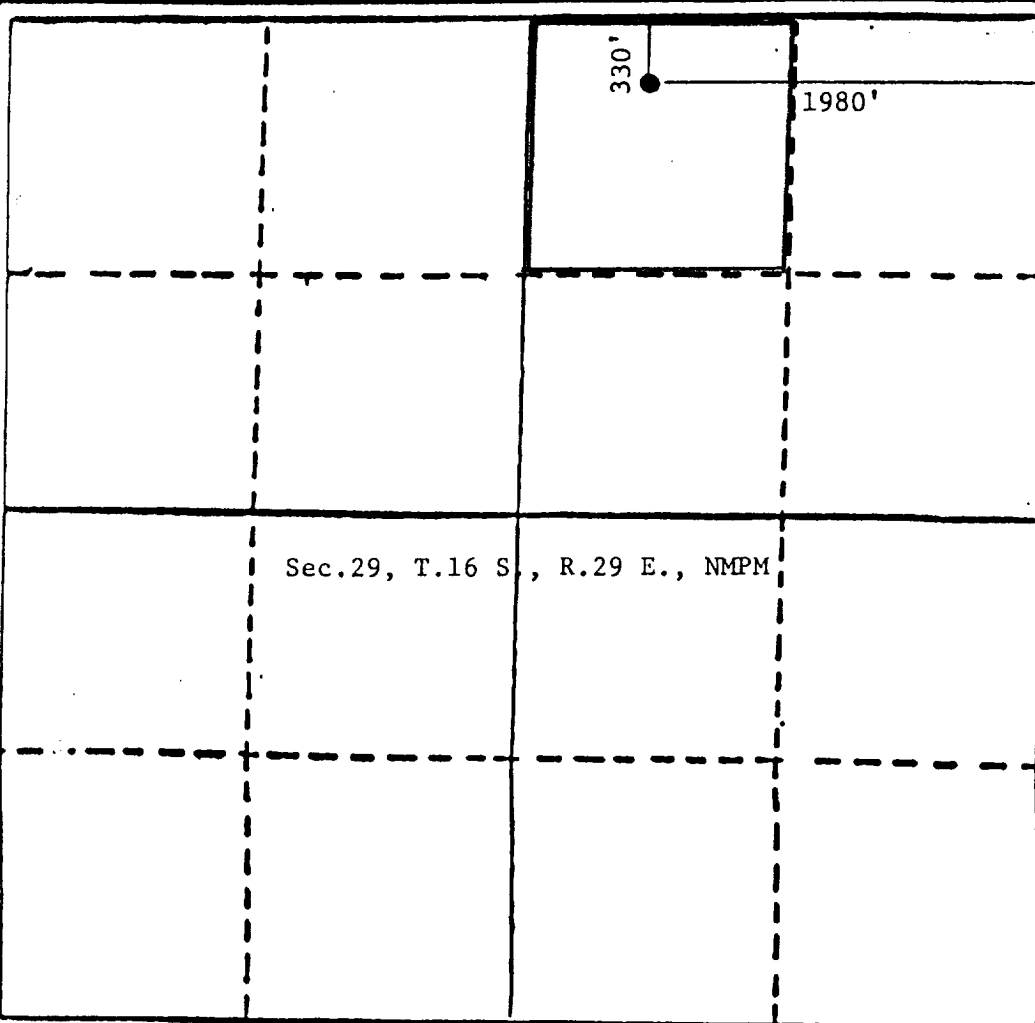
Operator McClellan Oil Corp.			Lease Exxon Federal			Well No. #3
Unit Letter B	Section 29	Township 16 South	Range 29 East	County Eddy		
Actual Footage Location of Well 330 feet from the North line and 1980 feet from the East line						
Ground Level Elev. 3609	Producing Formation Queen	Pool High Lonesome			Dedicated Acreage 40	

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
5/14/86

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

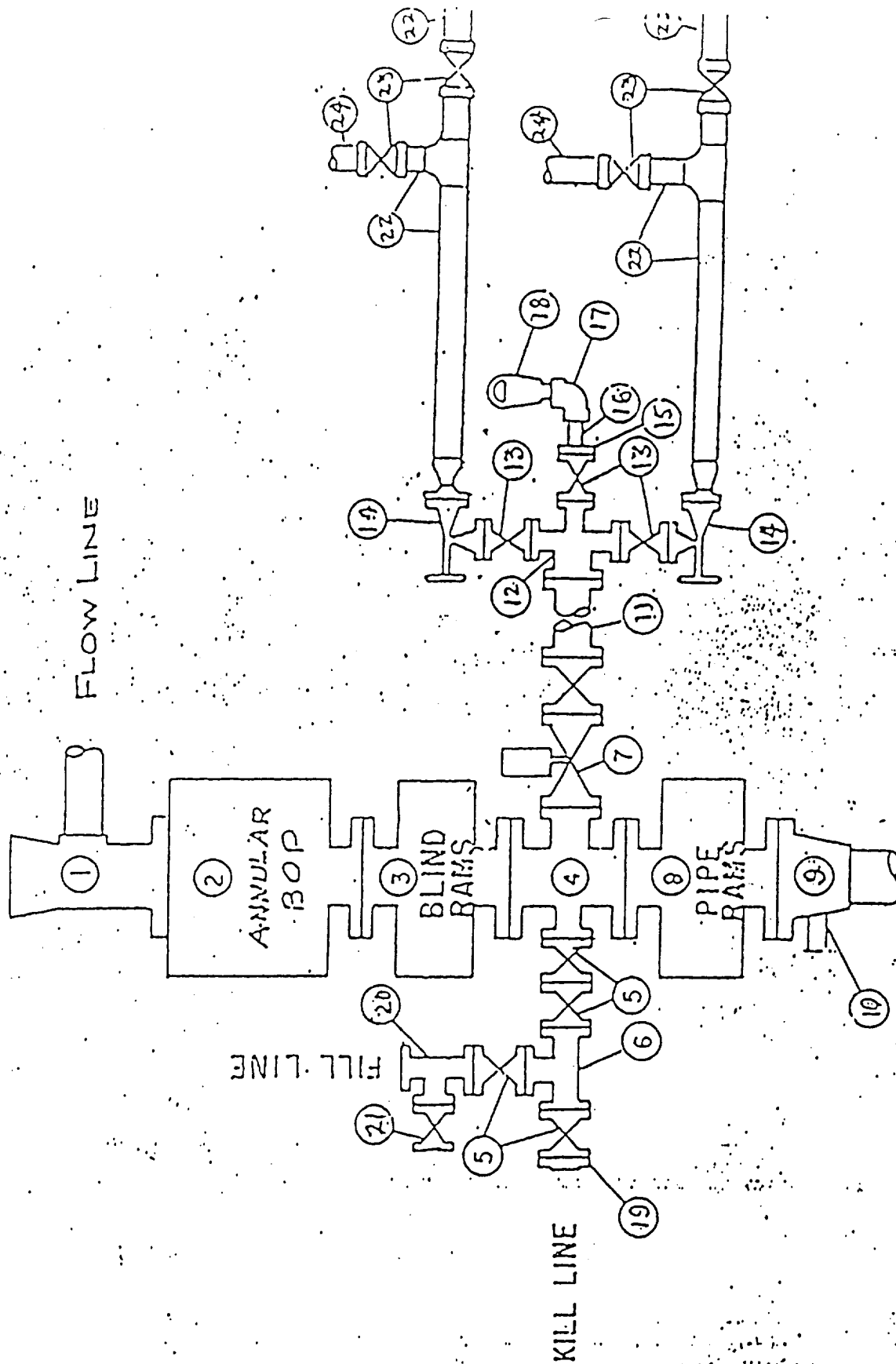
May 12, 1986

Registered Professional Geologist and/or Land Surveyor

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

Certificate No.
6290

BLUWOUT PREVENTER SPECIFICATION



SURFACE USE PLAN EXHIBIT "E"
 McClellan Oil Corporation
 Exxon Fed. No. 3
 Sec. 29-T16S-R29E
 Eddy County, N.M.

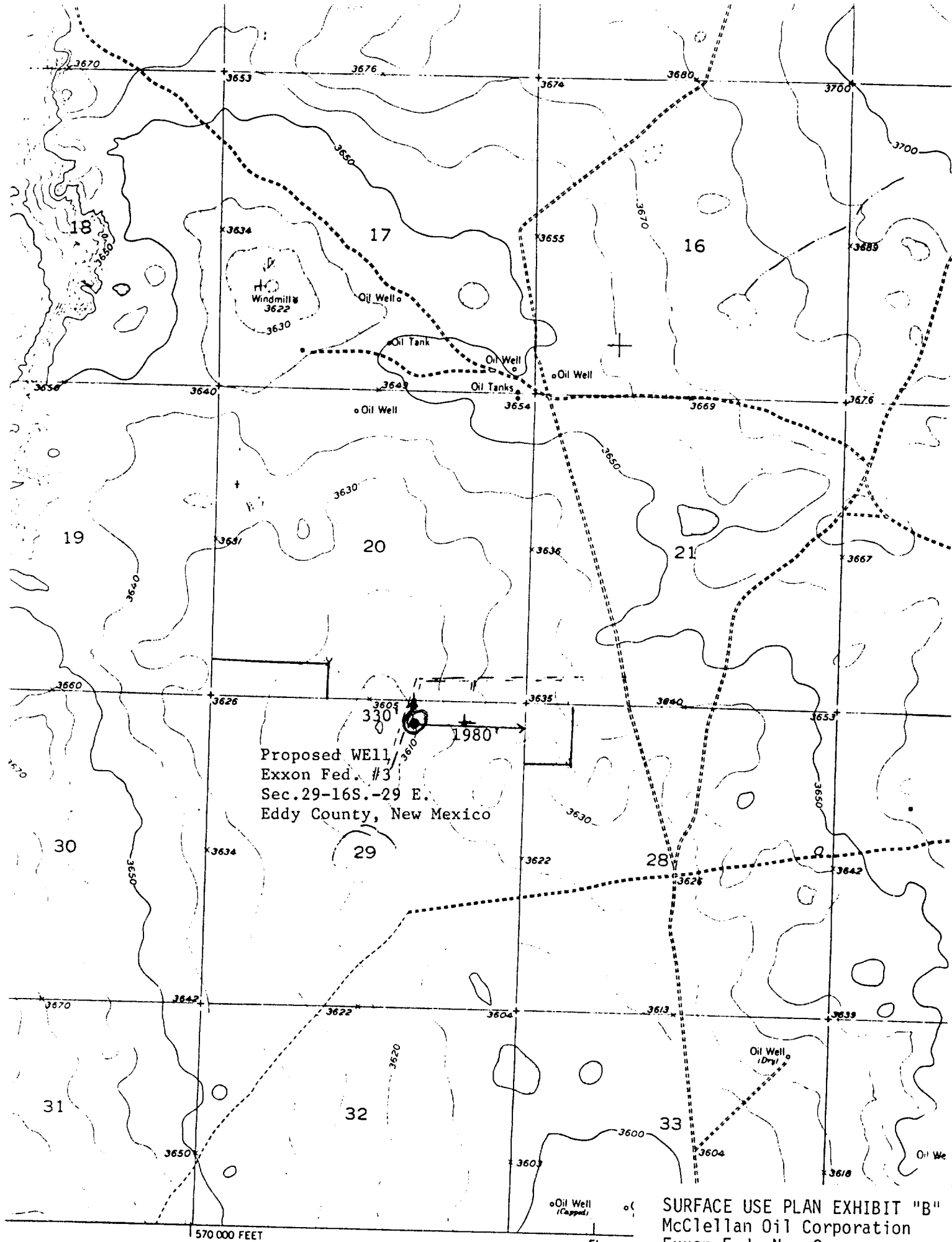
Exxon Fed. No. 3
McClellan Oil Corp.

REQUIREMENTS
(NTL-6)

1. Location: 330' FNL & 1980' FEL of Sec. 29-T16S-R29E, Eddy County, N.M.
2. Elevation: 3609' 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: 1980' - Penrose
6. Estimated tops of geologic markers:

Yates	<u>817'</u>	Penrose	<u>1826'</u>	Abo	<u> </u>
7-Rivers	<u>1036'</u>	Glorieta	<u> </u>	Wolfcamp	<u> </u>
Queen	<u>1574'</u>	Tubb	<u> </u>		
7. Estimated depths of any oil, water, or gas: Possible oil and gas at
1826' - 1875'
- 8-9. Proposed casing program:

<u>8-5/8"</u>	@	<u>240'</u>	Grade	<u>J-55</u>	Wt.	<u>24 lb.</u>	Type Cement	<u>Class "C"</u>
<u>4-1/2"</u>	@	<u>1980'</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 type E 10" series 900 hydraulic BOP
11. Type and characteristics of drilling fluids: Fresh water with a 30
viscosity.
12. Testing, logging, and coring programs: Compensated Neutron - Litho
Density Gamma Ray Log
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: 8/3/86 - 8/13/86



shed by the Geological Survey

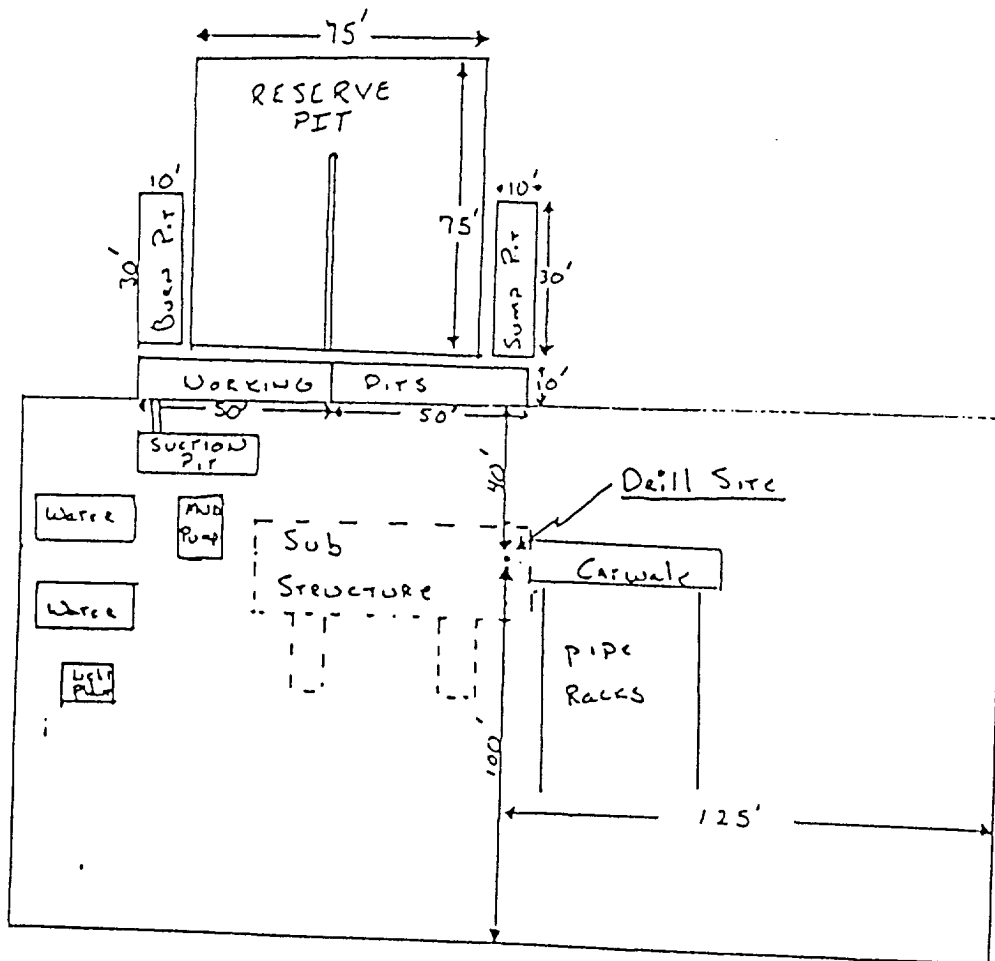
SURFACE USE PLAN EXHIBIT "B"
 McClellan Oil Corporation
 Exxon Fed. No. 3
 Sec. 29-T16S-R29E
 Eddy County, N.M.

McCLELLAN OIL CORPORATION
SUGGESTED PAD DIMENSIONS

Reserve Pits 4 ft. deep, plastic lined

Working pits 5 ft. deep

No cellar



Scale 1" = 50'