

Drawer DD
Artesia, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP NOTE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-005-61827

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, New Mexico 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 660' FSL & 1980' 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 drlg. unit line, if any)
 660'

16. NO. OF ACRES IN LEASE
 2441.49

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1320'

19. PROPOSED DEPTH
 4100'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3788' G.L.

5. LEASE DESIGNATION AND SERIAL NO.
 NM-36409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 McClellan Fed. MOC Fed.

9. WELL NO.
 4

10. FIELD AND POOL, OR WILDCAT
 X Undesignated Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 29-T5S-R25E

12. COUNTY OR PARISH
 Chaves

13. STATE
 NM

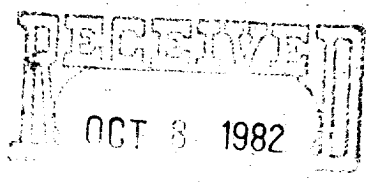
23. PROPOSED CASING AND CEMENTING PROGRAM

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	1000'	250 sx (circulated)
7-7/8"	4-1/2"	10.5	4100'	350 sx

Propose to drill and test the Abo formation. Approximately 1000' 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 - 1356', Tubb - 2884', Abo - 3637'

Mud Program: Fresh water to top of Abo. Will mud up 100' above Abo with 15cc water loss, 9.5 lb/gal mud wt. 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 Mark McClellan TITLE Geologist DATE October 6, 1982

(This space for Federal or State office use)
 PERMIT NO. (Orig. Sgd.) GEORGE H. STEWART APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

NOV 4 1982
 JAMES A. GILHAM
 DISTRICT SUPERVISOR

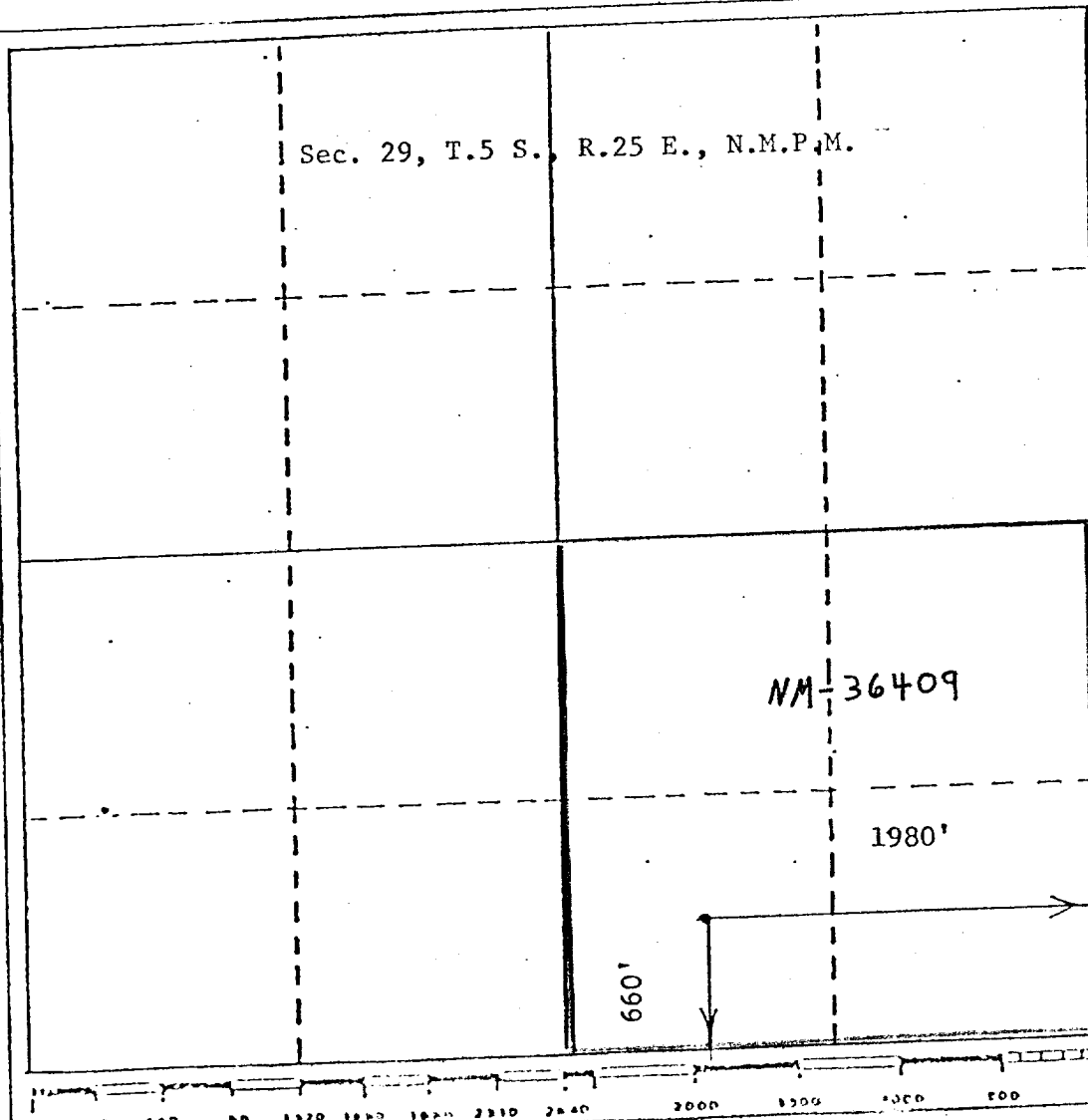
Posted to file
 2 P.C. 11/5/82

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

Operator McClellan Oil Corp.		Lease MOC Federal		Well No. #4
Unit Letter 0	Section 29	Township 5 South	Range 25 East	County Chaves
Actual Postage Location of Well: 1980 feet from the East line and 660 feet from the South line				Dedicated Acreage: 160 Acres
Ground Level Elev. 3788	Producing Formation Abo		Pool Undesignated Abo	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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: October 5, 1982

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.

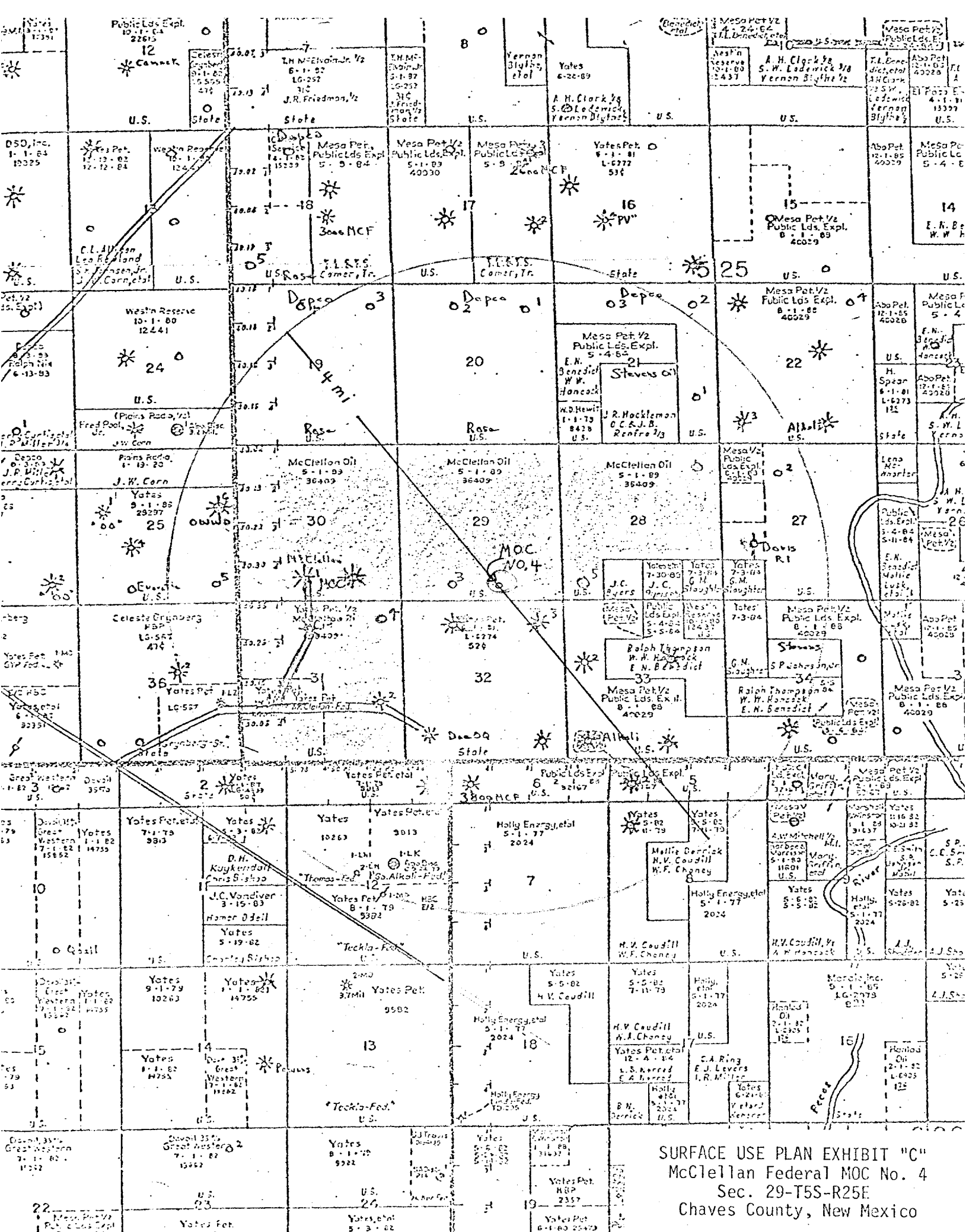
JOHN D. JAQUES
NEW MEXICO
October 5, 1982
Registered Professional Engineer and/or Land Surveyor
John D. Jaques P.E. & L.S.
Certificate No. 6190

McClellan Fed. MOC No. 4
REQUIREMENTS
(NTL-6)

1. Location: 660' FSL & 1980' FEL, Section 29-T5S-R25E
2. Elevation: 3788' G.L.
3. Geologic name of surface formation: See archaeological report
4. Type of drilling rig and associated equipment: Rotary Rig
5. Proposed drilling depth and objective formation: 4100', Abo
6. Estimated tops of geologic markers:

Yates _____	San Andres <u>590'</u>	Abo <u>3637'</u>
7-Rivers _____	Glorieta <u>1356'</u>	Wolfcamp _____
Queen _____	Tubb <u>2884'</u>	_____
7. Estimated depths of any oil, water, or gas: 3637'-4100', Possible gas
- 8-9. Proposed casing program:

<u>13-3/8" @ 40'</u>	Grade <u>H-40</u>	Wt. <u>48</u>	Type Cement <u>6 yards</u>
<u>8-5/8" @ 1000'</u>	Grade <u>J-55</u>	Wt. <u>23</u>	Type Cement <u>Class "C"</u>
<u>4-1/2" @ 4100'</u>	Grade <u>J-55</u>	Wt. <u>10.5</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 15cc 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: Nov. 5, 1982 to Nov. 20, 1982
15. Other pertinent information: _____



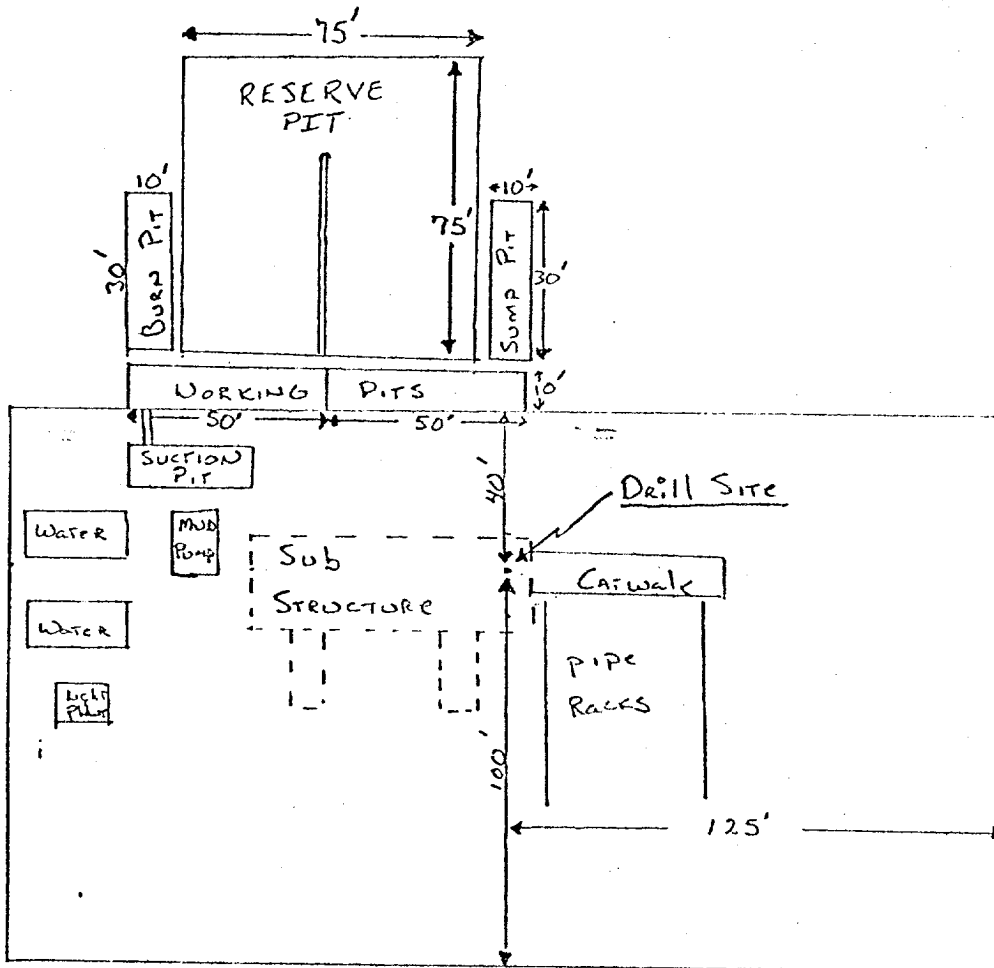
SURFACE USE PLAN EXHIBIT "C"
 McClellan Federal MOC No. 4
 Sec. 29-T5S-R25E
 Chaves County, New Mexico

McCLELLAN OIL CORPORATION
SUGGESTED PAD DIMENSIONS

Reserve Pits 4 ft. deep, plastic lined

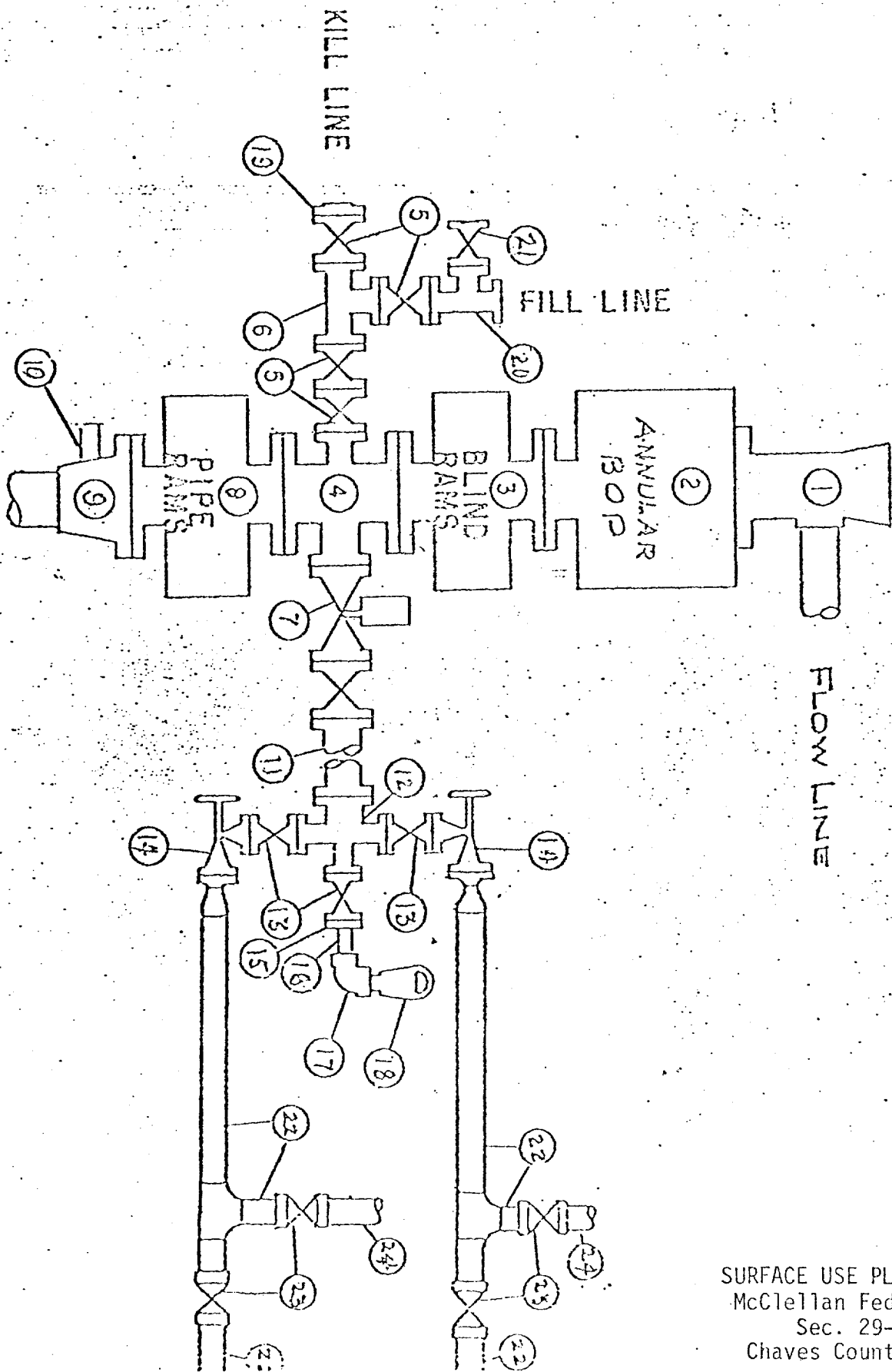
Working pits 5 ft. deep

No cellar



Scale 1" = 50'

BLOWOUT PREVENTER SPECIFICATION



SURFACE USE PLAN EXHIBIT "E"
 McClellan Federal MOC No. 4
 Sec. 29-T5S-R25E
 Chaves County, New Mexico