

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

30-005-62006
Form approved.
Budget Bureau No. 42-R1425
c/s 7

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
RECEIVED MAY 19 1983
b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
2. NAME OF OPERATOR
McClellan Oil Corporation
3. ADDRESS OF OPERATOR
P.O. Drawer 730, Roswell, New Mexico
O. C. D. ARTESIA, OFFICE
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
660' FNL & 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, N.M.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
660'
(Also to nearest drlg. unit line, if any)
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.
3974'
19. PROPOSED DEPTH
4150
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3837 G.L.
22. APPROX. DATE WORK WILL START*

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.
5
10. FIELD AND POOL, OR WILDCAT
Pecos Slope Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30-T5S-R25E
12. COUNTY OR PARISH
Chaves
13. STATE
N.M.

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	4150	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.

Geologic Tops: San Andres - 590' Glorieta - 1600' Tubb - 2885' Abo - 3640'

Mud Program: Fresh water to top of Abo. Will mud up with 15 cc water loss, 35 visc. mud and 9.6-9.8 lb/gal wt.

GAS ^{IS} DEDICATED

RECEIVED

APR 27 1983

Posted as per 5-10-83

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 ROSWELL, NEW MEXICO DATE 4/26/83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

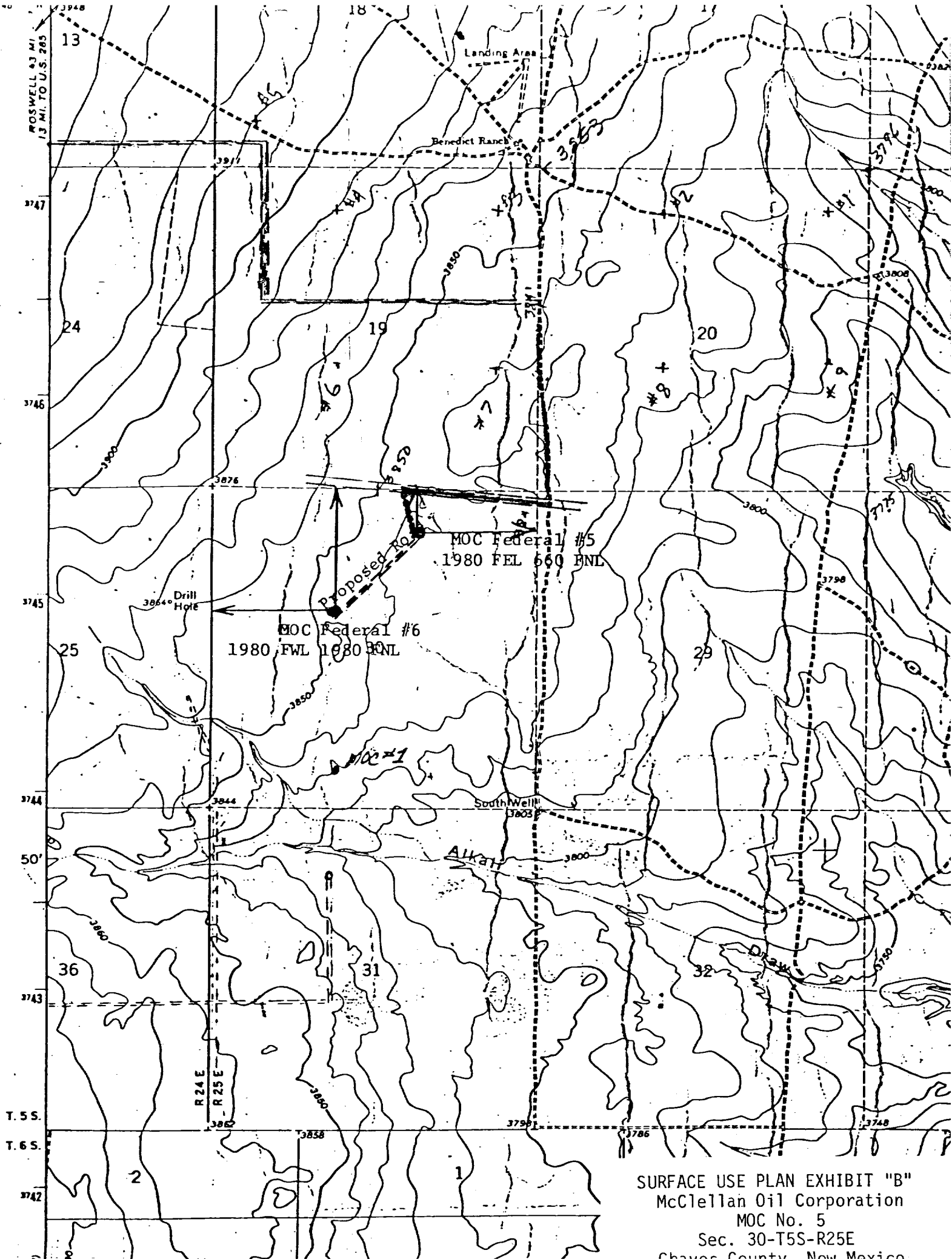
APPROVED BY A. L. Lopez TITLE Acting Asst. District Manager for Minerals DATE 5/17/83

McClellan Federal MOC No. 5
REQUIREMENTS
(NTL-6)

1. Location: Sec. 30-T5S-R25E, 660' FNL & 1980' FEL
2. Elevation: 3837' 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: 4150', Abo
6. Estimated tops of geologic markers:

Yates _____	San Andres <u>590</u>	Abo <u>3640</u>
7-Rivers _____	Glorieta <u>1600</u>	Wolfcamp _____
Queen _____	Tubb <u>2885</u>	_____
7. Estimated depths of any oil, water, or gas: 3640' - 4150': 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" @ 4150'</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: Schaffer Model 39 (4500 psi test) See Exhibit E
11. Type and characteristics of drilling fluids: Fresh water and native mud to top of Abo. Will mud up 100' above Abo with 20cc water loss, 35 Visc. mus and 9.6 lb/gal wt
12. Testing, logging, and coring programs: Compensated Neutron, Compensated Density and Dual Laterlog gamma ray logs.
13. Anticipated abnormal pressures or temperature: None anticipated
14. Anticipated commencement and completion date: May 10, 1983 - May 25, 1983
15. Other pertinent information: _____



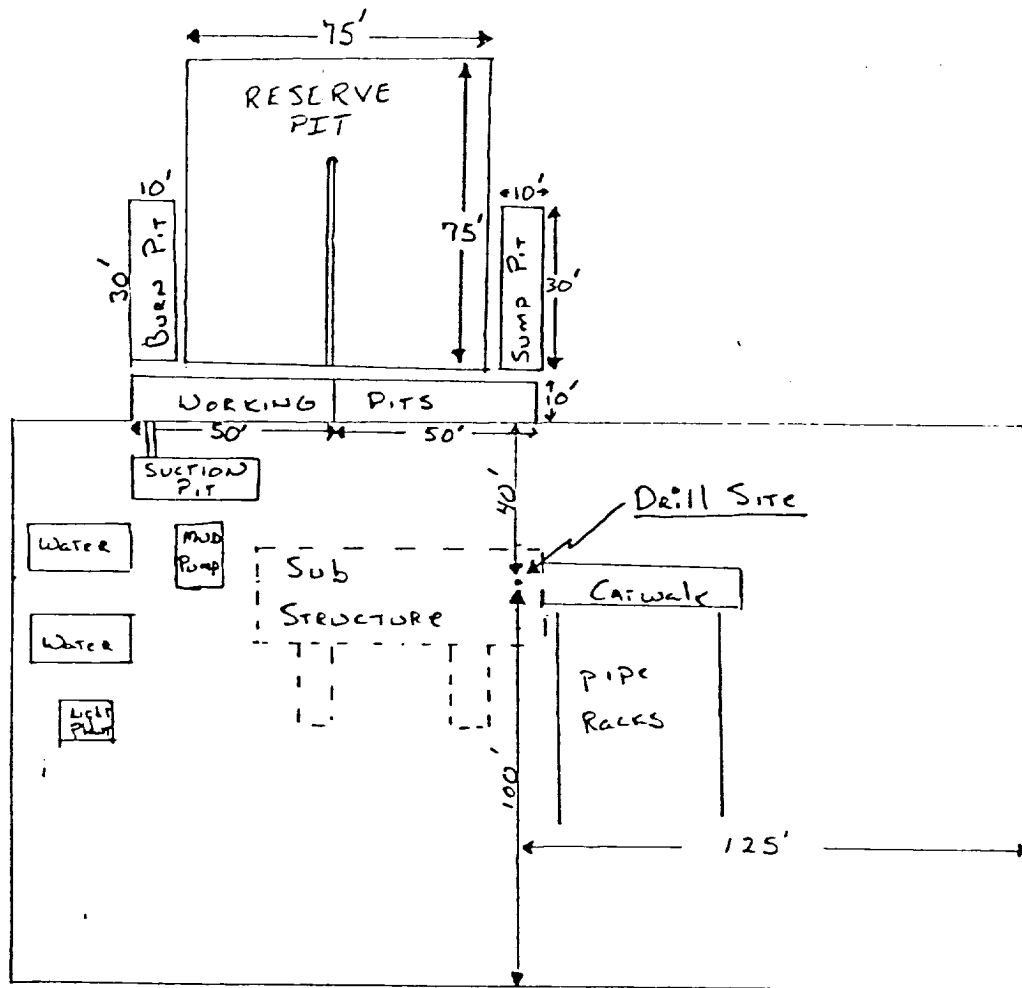
SURFACE USE PLAN EXHIBIT "B"
McClellan Oil Corporation
MOC No. 5
Sec. 30-T5S-R25E
Chaves County, New Mexico

McCLELLAN OIL CORPORATION
SUGGESTED PAD DIMENSIONS

Reserve Pits 4 ft. deep, plastic lined

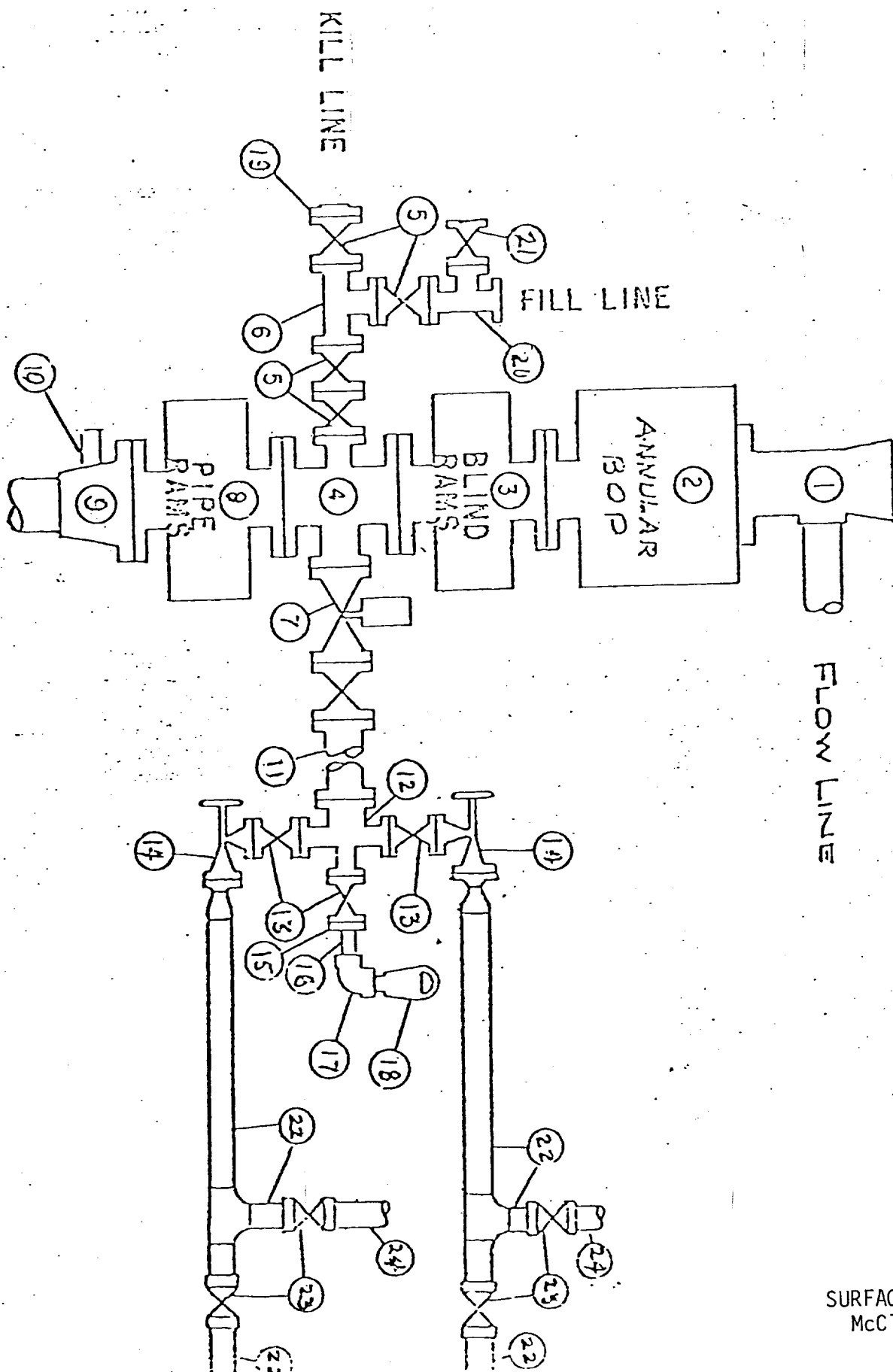
Working pits 5 ft. deep

No cellar



Scale 1" = 50'

BLOWOUT PREVENTER SPECIFICATION



SURFACE USE PLAN EXHIBIT "E"
 McClellan Oil Corporation
 MOC No. 5
 Sec. 30-T5S-R25E
 Chaves County, New Mexico