

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-61305

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

RECEIVED

3. ADDRESS OF OPERATOR

P. O. Drawer 730, Roswell, New Mexico 88201

DEC 23 1981

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

At surface

660' FSL & 1980' FWL

O. C. D.

ARTESIA, OFFICE

At proposed prod. zone

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

32 miles north and 14 miles east of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

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.

1800'

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3832' GL

22. APPROX. DATE WORK WILL START*

December 28, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

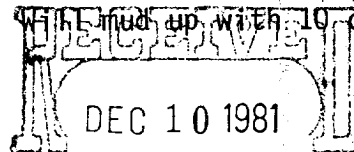
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32 lb.	360' 900'	250 sx (Circulated)
7-7/8"	4-1/2"	10 1/2 lb.	4100'	450 sx

Propose to drill and test the Abo formation. Approximately 360' of surface casing will be set and cement circulated to shut off gravel and cavings. Casing will be set 100' below water zone. If production is indicated, will run production casing and attempt completion.

Geologic Tops: San Andres 560', Glorieta 1520', Tubb 2985', Abo 3600'.

Mud Program: Fresh water to top of Abo. While mud up with 10 cc water loss, 50 viscosity salt-base gel.

Gas Not Dedicated.



Posted ID-1
API + NL Book
12-31-81

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

TITLE Operator

DATE 9/09/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

AS AMENDED

DEC 21 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVAL DATE

TITLE

DATE

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

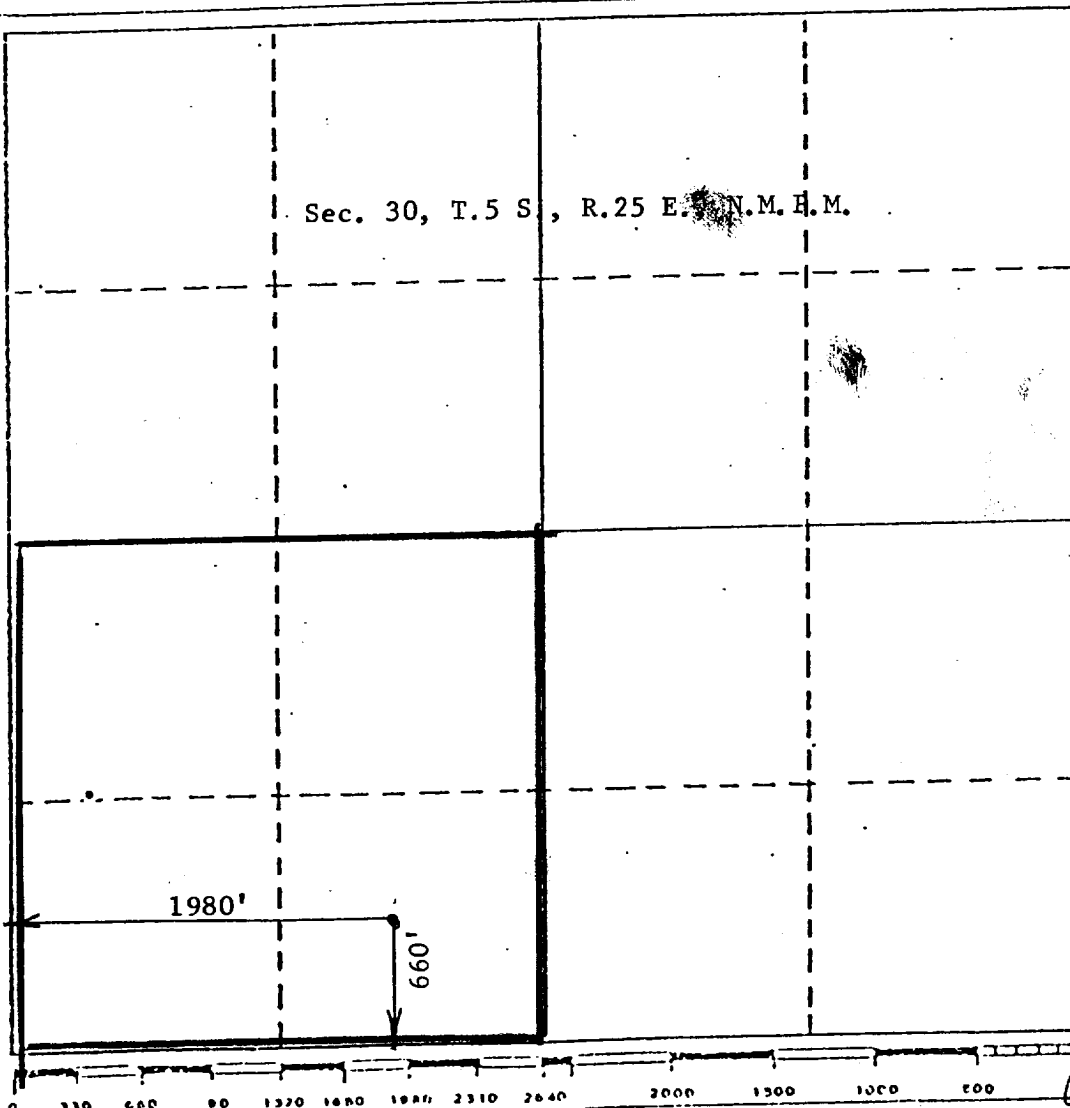
Operator McClellan Oil Corp.		Lease McClellan Federal		Well No. #1
Unit Letter N	Section 30	Township 5 South	Range 25 East	County Chaves
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 3832	Producing Formation Abo	Pool Undesignated Abo	Dedicated Acreage: 160 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.

Name

Jack L. McClellan

Position

Operator

Company

McCLELLAN OIL CORP.

Date

November 29, 1981

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

November 23, 1981

Registered Professional Engineer and/or Surveyor

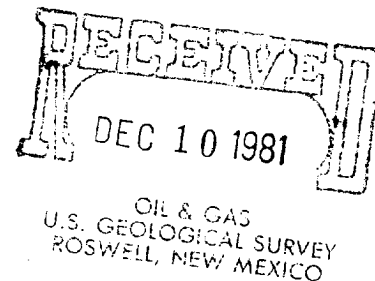
John D. Jaquess P.E. & L.S.

Certificate No.

6290

SURFACE USE PLAN

McClellan Oil Corporation: No. 1 McClellan MOC
1980' FWL & 660' FSL, Section 30, T5S, R25E
Chaves County, New Mexico
Federal Lease NM-36409



1. Existing Roads

Exhibit "A" is a portion of a Chaves County road map prepared by the New Mexico State Highway Department, showing the proposed well site in relation to U. S. Highway 285. U. S. 285 will be used for approximately 31 miles from the junction of U. S. 285 and U. S. 70 north of Roswell to the county road leading to the location. The county road will be used for approximately 10 miles from U. S. 285 to an existing access pipeline road. The county road is a well traveled gravel-caliche ranch-oilfield road approximately 20'-40' in width and is maintained by the county, area ranchers and oil operators who utilize the road. U. S. 285 and the county road to be used are marked in yellow and the proposed well site, access road and nearby towns are marked in red.

2. Planned Access Roads

Exhibit "B" shows the county road and existing access roads. The proposed access road is to improve an existing road marked in yellow and build approximately 1800' of new road, marked in red. This road will be approximately 12' wide, graded and packed and, if necessary, covered with caliche. No fences will be involved or crossed.

3. Location of Existing Wells

Exhibit "C" shows all of the producing wells within 2 miles of the proposed test with ownership of various tracts.

4. Location of Tank Battery, Production Facilities & Production Gathering & Service Lines

If gas production is achieved the location of the line will be determined by the purchaser laying in the gathering system to his existing gas lines.

5. Location and Type of Water Supply

There is no useable water in this area. All water needed for drilling, testing, and completion will be trucked in by a commercial transport on existing roads as shown on Exhibit "A".

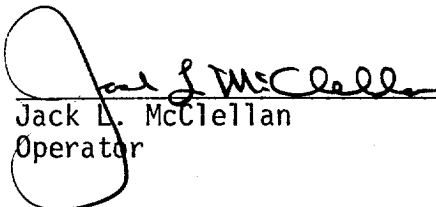
6. Source of Construction Materials

If it is necessary to use caliche on new road and location, this material will be obtained from the existing pits in the area as determined by the dirt contractor.

7. Handling of Waste Disposal

All waste material remaining after the drilling of this well will be placed in mud pits as shown on Exhibit "D". Any combustible or biochemically degradable material will be placed in the "burn and trash pit".

8. Ancillary Facilities
No ancillary facilities are planned.
9. Well Site Layout
This information is shown on Exhibit "D".
10. Plan for Restoration of Surface
All pits will be filled in and leveled. Deadmen will be removed. The access road and location will be restored as near as possible to its natural state following instructions from appropriate governmental agency, if well is abandoned; otherwise the location will be cleared and maintained in an orderly manner.
11. Other Information
The topography of the land surrounding the staked well as depicted on Exhibit "A-1" is on a reasonably flat plateau but is bordered to the south by an eroded arroyo. The drill site is on Federal land.
12. Operator Representatives
- | | | | |
|---------------------------|----------------|-------------|------------------|
| Paul Ragsdale | (505) 622-8302 | or 622-3200 | Office |
| 601 Moore | (505) 623-3940 | | Home |
| Roswell, New Mexico 88201 | (505) 623-0989 | | Mobile Unit 4125 |
| Jack L. McClellan | (505) 622-3200 | | Office |
| 3106 North Montana | (505) 622-4076 | | Home |
| Roswell, New Mexico 88201 | | | |
13. Certification
I certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by McClellan Oil Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



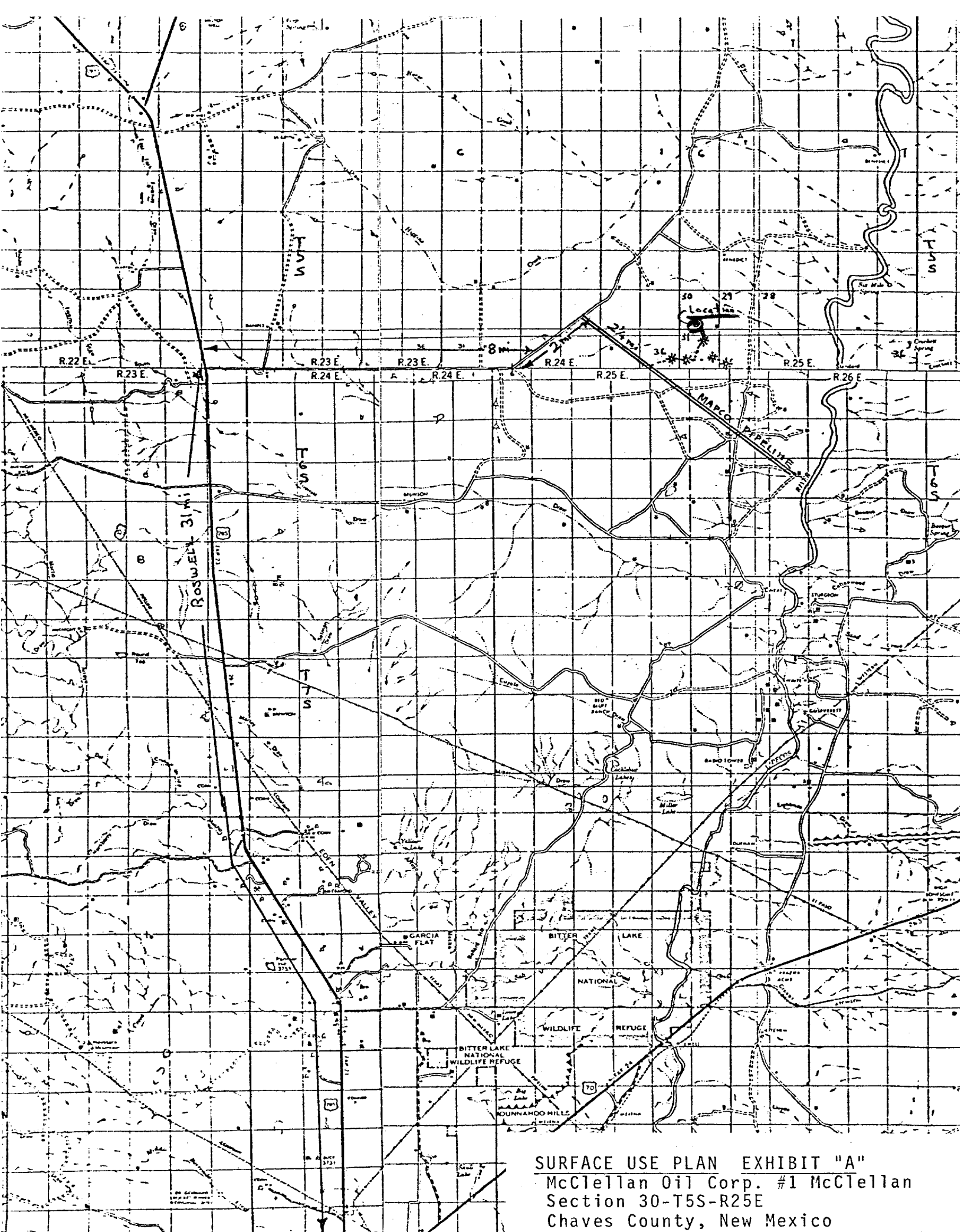
Jack L. McClellan
Operator

McCLELLAN OIL CORPORATION
No. 1 McCLELLAN
REQUIREMENTS
(NTL-6)

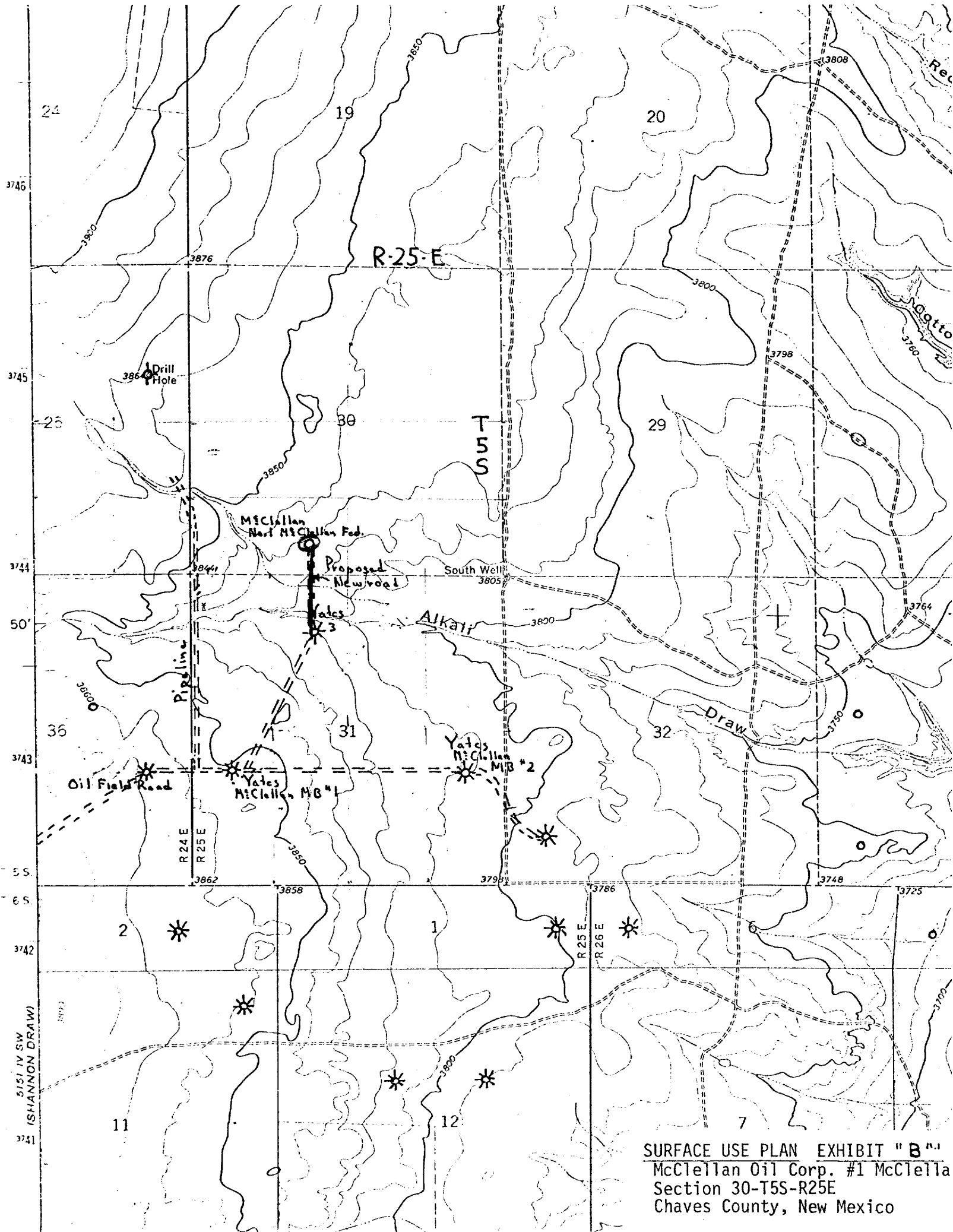
1. Location: 660' FSL & 1980' FWL
2. Elevation: 3832' G.L.
3. Geologic name of surface formation: _____
4. Type of drilling rig and associated equipment: rotary rig
5. Proposed drilling depth and objective formation: 4100' Abo
6. Estimated tops of geologic markers:

Yates _____	San Andres <u>560'</u>	Abo <u>3600'</u>
7-Rivers _____	Glorieta <u>1520'</u>	Wolfcamp _____
Queen _____	Tubb <u>2985'</u>	_____
7. Estimated depths of any oil, water, or gas: 3600-4100' (Gas)
- 8-9. Proposed casing program:

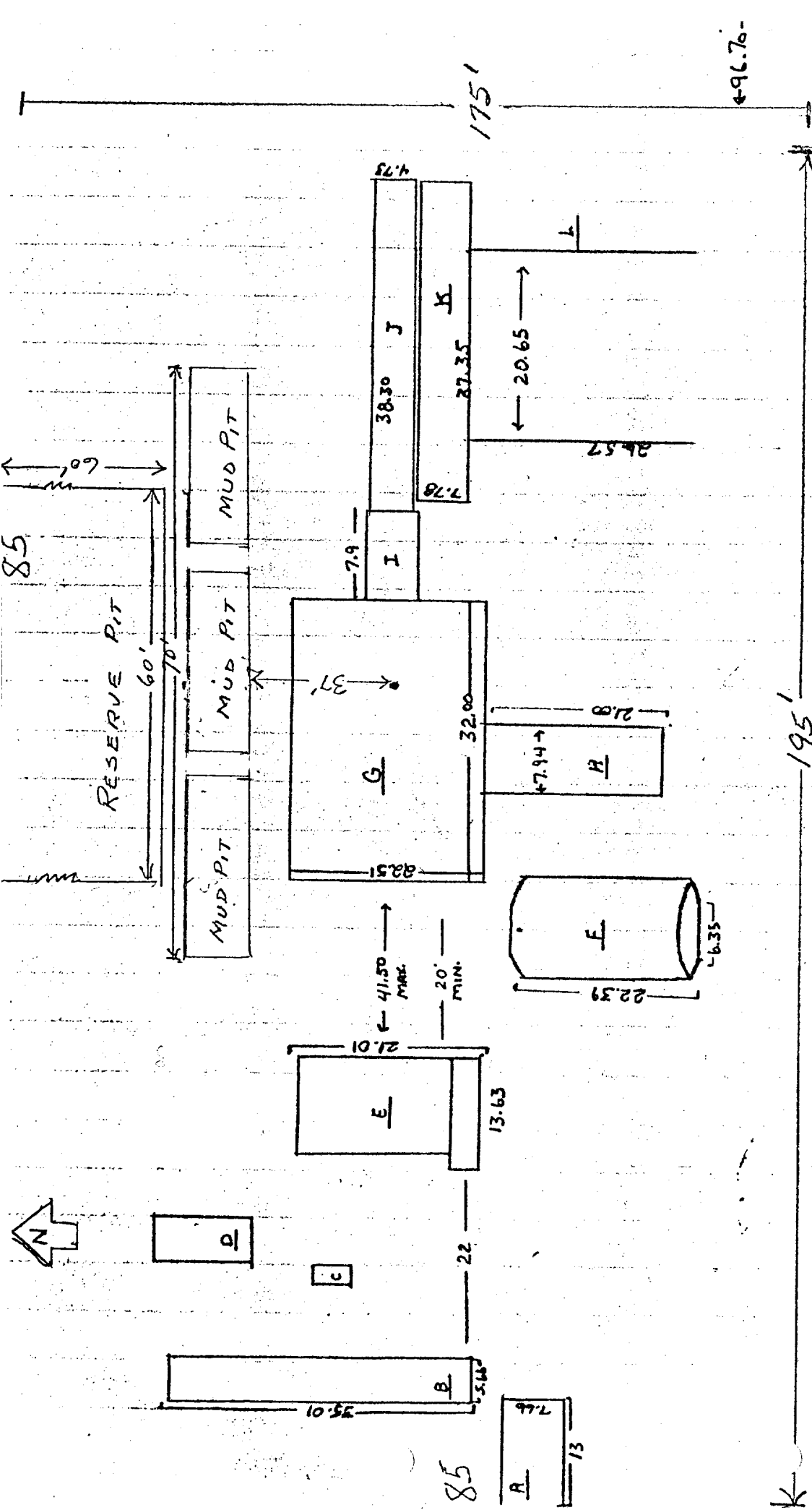
<u>10-3/4" @ 360'</u>	<u>Grade J-55</u>	<u>Wt. 32</u>	<u>Type Cement Class "C"</u>
<u>4-1/2" @ 4100'</u>	<u>Grade J-55</u>	<u>Wt. 10½</u>	<u>Type Cement Class "C"</u>
<u> " @ '</u>	<u>Grade </u>	<u>Wt. </u>	<u>Type Cement </u>
10. Specifications for pressure control equipment and testing procedures: Schaffer Model 39 (4500 psi test). See Exhibit "E" - Yellow Jacket
11. Type and characteristics of drilling fluids: Fresh water and native mud to top of Abo. Will mud 100' above Abo with 10 cc water loss, 50 viscosity salt gel.
12. Testing, logging, and coring programs: No testing or coring will be done.
Compensated Neutron-Formation Density and Dual Laterolog Micro-SFL logs will be run.
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: 12/11/81-12/25/81
15. Other pertinent information: _____



SURFACE USE PLAN EXHIBIT "A"
McClellan Oil Corp. #1 McClellan
Section 30-T5S-R25E
Chaves County, New Mexico



SURFACE USE PLAN EXHIBIT "B"
McClellan Oil Corp. #1 McClellan
Section 30-T5S-R25E
Chaves County, New Mexico



TEX-MEX RIG #2

Substructure	DESCRIPTION
A	BOTTOM DOG HOUSE
B	FUEL TANKS
C	LIGHT PLANT
D	SUCTION PUMP (mud mixing)
E	SUCTION PUMP
F	FRESH WATER TANK
G	Substructure
H	Top Dog house
I	V-Door
J	Car Walk
K	Pipe Baskets
L	Pipe Racks
M	HEAD ROPE RACK
	96.70' FROM CENTER OF HOLE
	CELLAR = 6' X 6'