

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Post Office Drawer 730, Roswell, New Mexico 88201

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

At proposed prod. zone 1980 FSL & 1680 FEL

MAY 25 1981

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

10 miles northeast of Roswell, New Mexico

O. C. D.
ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

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

1680'

16. NO. OF ACRES IN LEASE

1400

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.

NA

19. PROPOSED DEPTH

4700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3657' GL

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-3/4"	8-5/8"	28 lb.	800'	400 sx circulated
7-7/8"	4-1/2"	10 1/2 lb.	4700'	300 sx

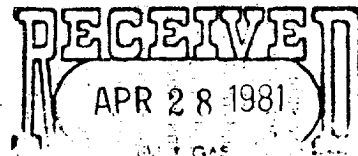
Propose to drill to approximately 4700' to test the Abo formation. If production is indicated, will set casing and attempt completion.

Estimated Geologic Tops: San Andres 760'
Glorieta 1840'

Tubb 3345'
Abo 4040'

Mud Program: Will drill with fresh water to the top of the Abo. Will mud-up with 10 cc water loss, 50 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

TITLE

Operator

DATE 4/22/81

(This space for Federal or State Office Use)

PERMIT NO.

(Orig. Sec.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

MAY 21 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

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

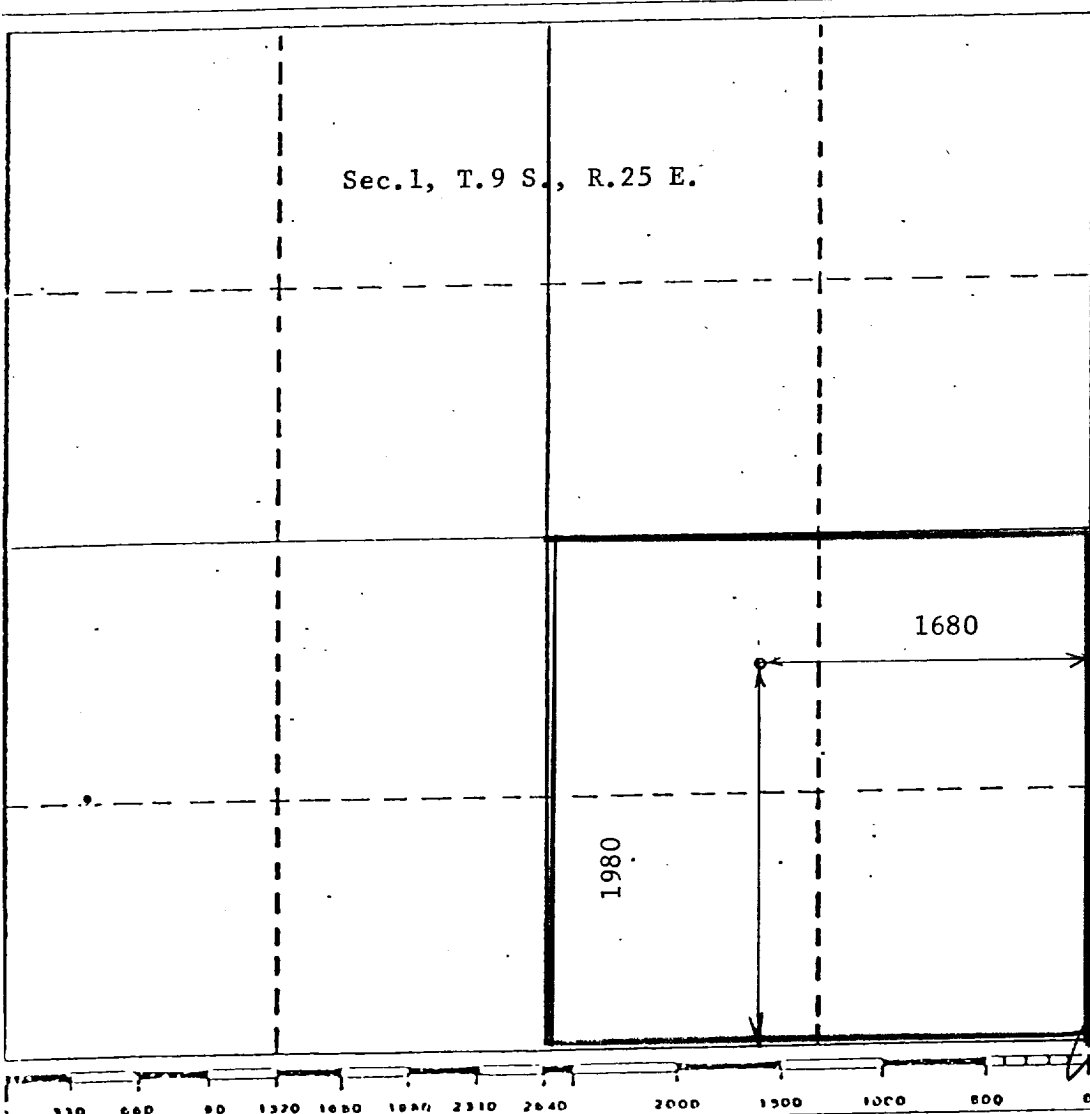
Operator McClellan Oil Corp.		Lease Leeman Federal		Well No. 11
Unit Letter J	Section 1	Township 9 South	Range 25 East	County Chaves
Actual Footage Location of Well:				
1980 feet from the South		line and 1680	feet from the East	line
Ground Level Elev. 3657	Producing Formation Abo	Pool Undesignated	Dedicated 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
President
Company
McClellan Oil Corp.
Date
April 22, 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
April 21, 1981
Registered Professional Engineer and/or Land Surveyor
John D. Laquess, P.E. & L.S.
Certificate No.
6290

SURFACE USE PLAN

REQUIREMENTS
(NTL-6)

1. Location: 1980' FSL & 1680' FEL, Section 1-T9S-R25E, Chaves County, New Mexico
2. Elevation: 3657' G.L.
3. Geologic name of surface formation: Recent alluvium of Quaternary age
4. Type of drilling rig and associated equipment: Rotary - Type and size as yet to be determined when contract is secured.
5. Proposed drilling depth and objective formation: 4700' - Abo
6. Estimated tops of geologic markers:

Yates _____	San Andres <u>775</u>	Abo <u>4065</u>
7-Rivers _____	Glorieta <u>1865</u>	Wolfcamp _____
Queen _____	Tubb <u>3355</u>	_____
7. Estimated depths of any oil, water, or gas: Gas: 4100-4300' (Abo)
- 8-9. Proposed casing program:

<u>8-5/8" @ 800'</u>	Grade <u>J-55</u>	Wt. <u>28#</u>	Type Cement <u>150 sx Halliburton Lite-200</u>	Class <u>"C"</u>
<u>4-1/2" @ 4700'</u>	Grade <u>J-55</u>	Wt. <u>10 1/2#</u>	Type Cement <u>300 sx Class "C" Pozmix</u>	
<u> " @ '</u>	Grade <u> </u>	Wt. <u> </u>	Type Cement <u> </u>	
10. Specifications for pressure control equipment and testing procedures: N.A. (Blowout preventor diagram attached to Surface Use Plan)
11. Type and characteristics of drilling fluids: Drill with fresh water to top of Abo. Mud-up with 10cc and 50 viscosity.
12. Testing, logging, and coring programs: No testing or coring is anticipated.
Will run compensated neutron formation density and dual laterolog - Micro-SFL.
13. Anticipated abnormal pressures or temperature: None expected.
14. Anticipated commencement and completion date: June 1, 1981 - June 30, 1981
15. Other pertinent information: _____

SURFACE USE PLAN

McClellan Oil Corporation: Leeman Federal No. 1
1980' FSL & 1680' FEL Section 1, T9S, R25E
Chaves County, New Mexico
Federal Lease NM-13978

1. Existing Roads

Exhibit "A" is a portion of the Chaves County road map of the New Mexico State Highway Department, showing the proposed well site in relation to nearby highways and ranch-oil field roads. U. S. Highway 70 will be used for 14 miles from Roswell to the ranch road. This highway is maintained by the State of New Mexico. The oil field-ranch road will be used for approximately 3 miles. This road is constructed of caliche, is approximately 12' to 35' in width and is maintained by the county area ranchers and oil operators who utilize this road. All roads and highways to be used are marked in yellow and the proposed well site and nearby towns are marked in red.

2. Planned Access Road

Exhibit "B" shows the ranch and oil field roads. The new road to be constructed is marked in red and is approximately 3360' in length. Approximately 6 miles of existing ranch road will be repaired and utilized (shown in green on Exhibit "B" 1). This road is approximately 12' wide. The existing road will be watered and graded. Existing fences will be left intact.

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

It will be necessary to use caliche on new road and location. This material will be obtained from the pit as shown on Exhibit "B".

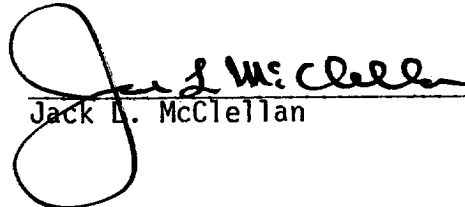
7. Handling of Waste Disposal

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

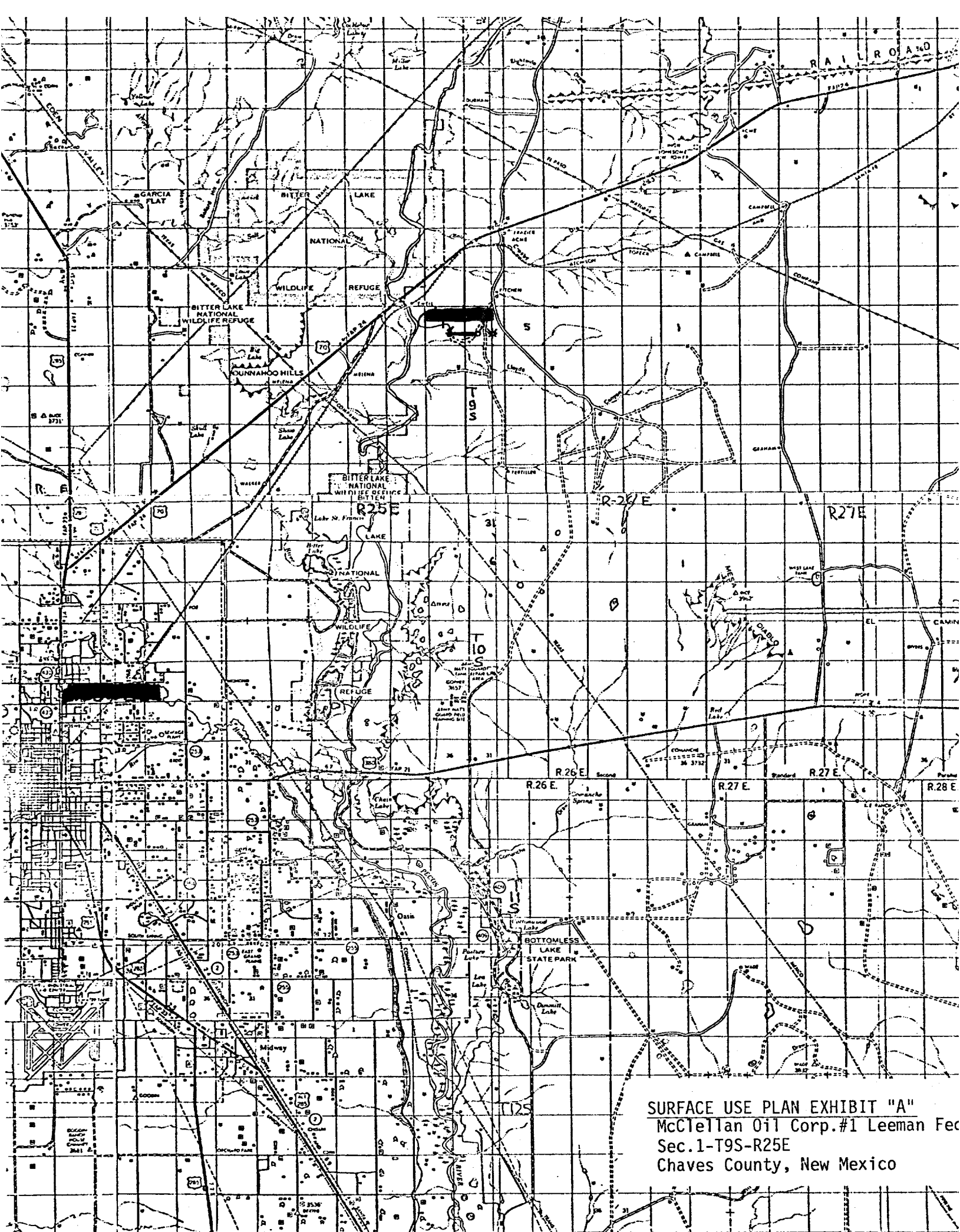
8. Ancillary Facilities

No ancillary facilities are planned.

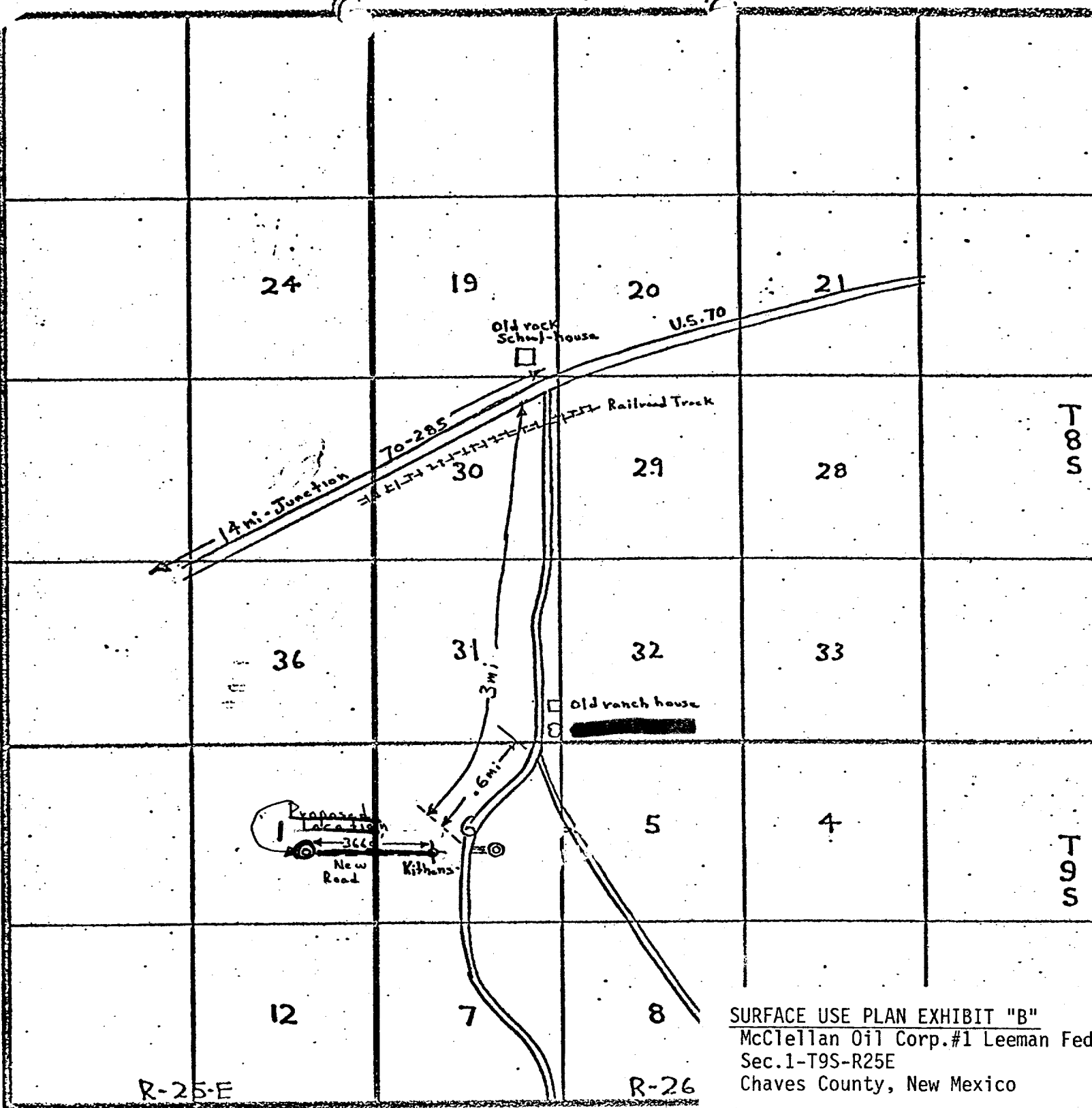
9. Well Site Layout
This information is shown on Exhibit "B".
10. Plan for Restoration of Surface
All pits will be filled in and leveled. Deadmen will be removed. The access road and location will be restored as near as possible to its natural state following instructions from appropriate governmental agency, if well is abandoned, otherwise the location will be cleared and maintained in an orderly manner.
11. Other Information
No unusual topography exists on the well site or access roads and the surface is comprised of Exhibit "E".
12. Operator Representatives
- | | |
|-------------------|---|
| Paul Ragsdale | Post Office Drawer 730, Roswell, New Mexico 88201 |
| 623-3940 Home | Mobile Unit 4128 (Roswell Caprock - 623-0989) |
| Jack L. McClellan | 3106 North Montana, Roswell, New Mexico 88201 |
| 622-3200 Office | |
| 622-4076 Home | |
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



SURFACE USE PLAN EXHIBIT "A"
McClellan Oil Corp. #1 Leeman Field
Sec. 1-T9S-R25E
Chaves County, New Mexico



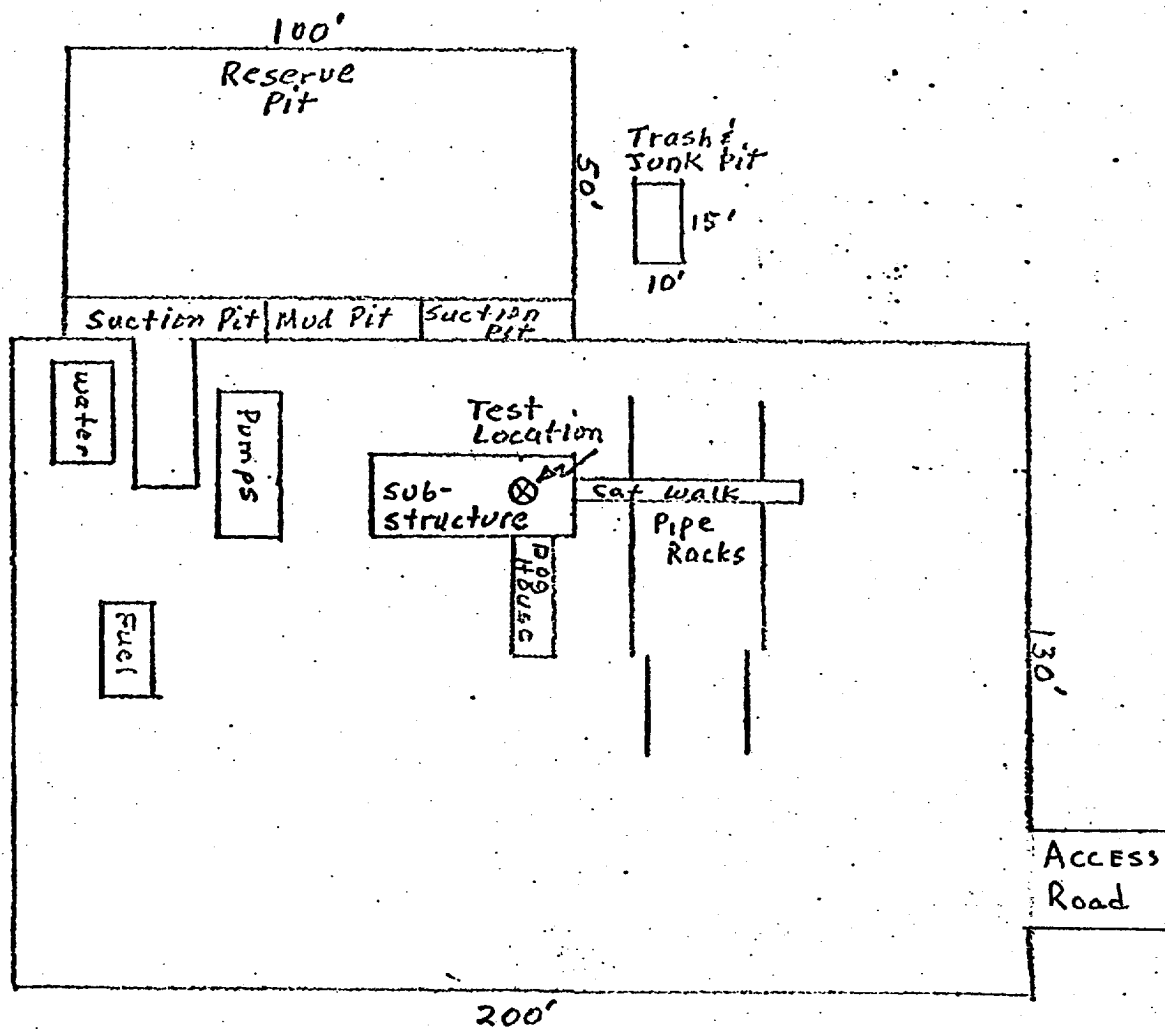
SURFACE USE PLAN EXHIBIT "B"
 McClellan Oil Corp. #1 Leeman Fed
 Sec. 1-T9S-R25E
 Chaves County, New Mexico

County _____ State _____

Section _____ Township _____ Range _____

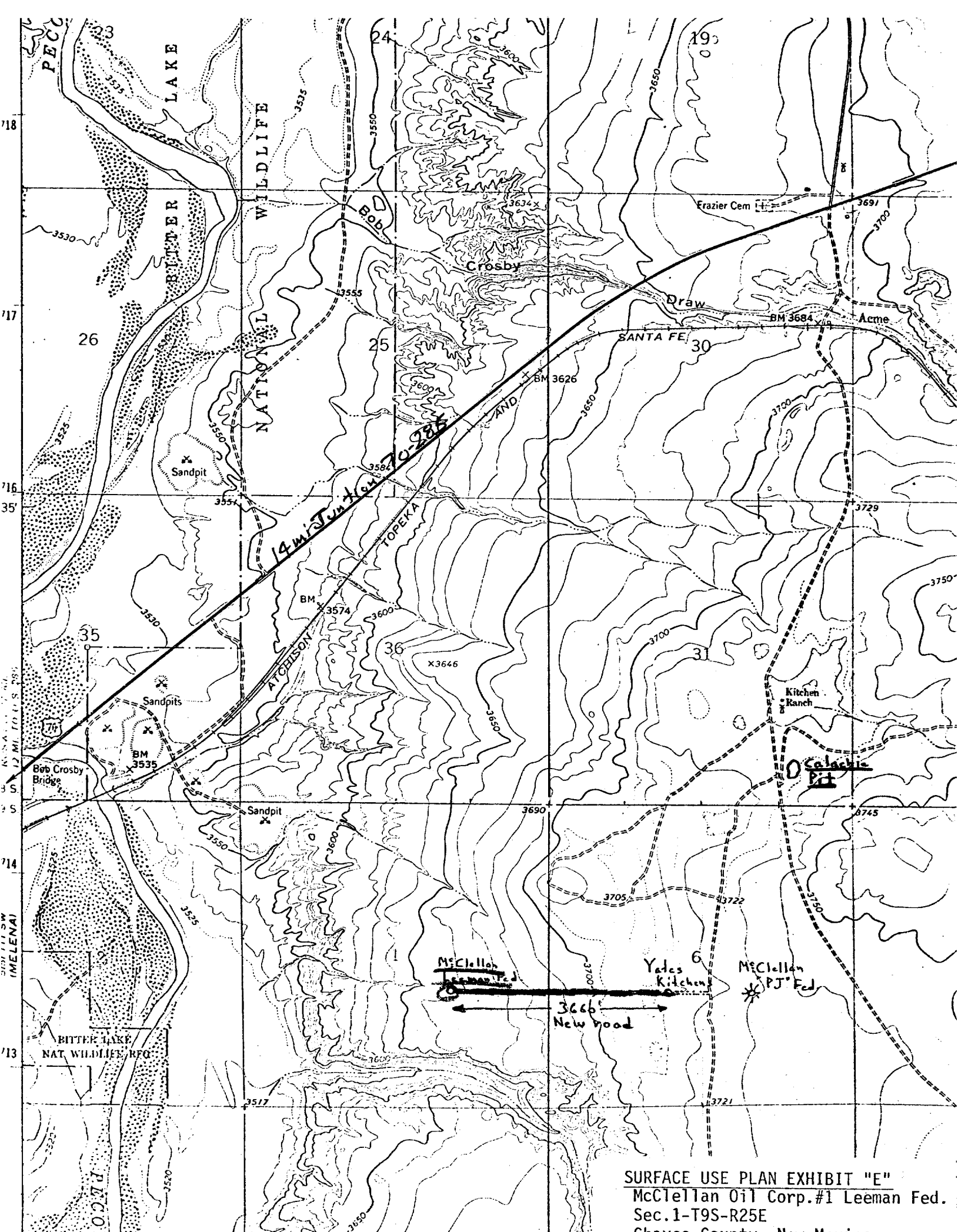
Remarks:

[illegible][illegible]



RIG LAY OUT

SURFACE USE PLAN EXHIBIT "D"
McClellan Oil Corp. #1 Leeman Fed.
Sec. 1-T9S-R25E
Chaves County, New Mexico



SURFACE USE PLAN EXHIBIT "E"
McClellan Oil Corp. #1 Leeman Fed.
Sec. 1-T9S-R25E
Chaves County, New Mexico

