

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-60531

APPLICATION FOR PERMIT TO 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. Box 848, Roswell, New Mexico 88201

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-8431  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Penjack  
 9. WELL NO.  
 1  
 10. FIELD AND POOL, OR WILDCAT  
 Wildcat  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 6, T10S, R26E  
 12. COUNTY OR PARISH  
 Chaves  
 13. STATE  
 New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 At proposed prod. zone 990' FNL & 660' FWL  
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 14 miles East of Roswell, New Mexico

16. NO. OF ACRES IN LEASE  
 1514.68  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40  
 18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660'  
 19. PROPOSED DEPTH  
 4800'  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3693.9' GR.  
 22. APPROX. DATE WORK WILL START\*  
 December 20, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	10-3/4"	38#	80'	Cement to surface
9-3/4"	8-5/8"	20#	800'*	500 sx
7-7/8"	4-1/2"	9 1/2#	4800'	250 sx

Will drill to approximately 4800' to test the Abo formation. If production is indicated, will set casing and attempt completion.

Estimated geologic tops are as follows:

San Andres	720'
Glorieta	1850'
Tubb	3300'
Abo	4050'
B. Abo	4800'

Mud program: Will use water loss of approximately 15 cc, viscosity of 30 during drilling to top of Abo formation. Mud will then be increased to 10cc, water loss of 50-60 viscosity.

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. SIGNER James L. McClellan TITLE Operator DATE 11/21/78

(This space for Federal or State office use)  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE 11-27-78

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*Top San Andres 720'



NMOCC COPY

United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U  
Artesia, New Mexico 88210

November 27, 1978

McClellan Oil Corp. &  
J. Penrod Toles  
P. O. Box 848  
Roswell, New Mexico 88201

McCLELLAN OIL CORP. & J. PENROD TOLES Penjack No. 1 990 FNL 660 1WL Sec. 6, T10S, R26E Chaves County Lease No. NM-8431
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Above Data Required on Well Sign

Gentlemen:

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 4,800 feet to test the Abo formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate sandstone brown (Federal Standard Color #595A, color 20318 or 30318).

Sincerely yours,

(Orig. Sgd.) ALBERT R. STALL

Albert R. Stall  
Acting District Engineer

**N MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator <b>McClellan Oil Corp. and J. Perrod Toles</b>		Lease <b>Pennjack <del>Blair</del></b>		Well No. <b>1</b>
Unit Letter <b>D</b>	Section <b>6</b>	Township <b>10 South</b>	Range <b>26 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>990</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line				
Ground Elev. Elev. <b>3693.9</b>	Producing Formation <b>400</b>	Pool <b>Wildcat <i>leho</i></b>	Dedicated Acreage: <b>38.98</b> Acres	

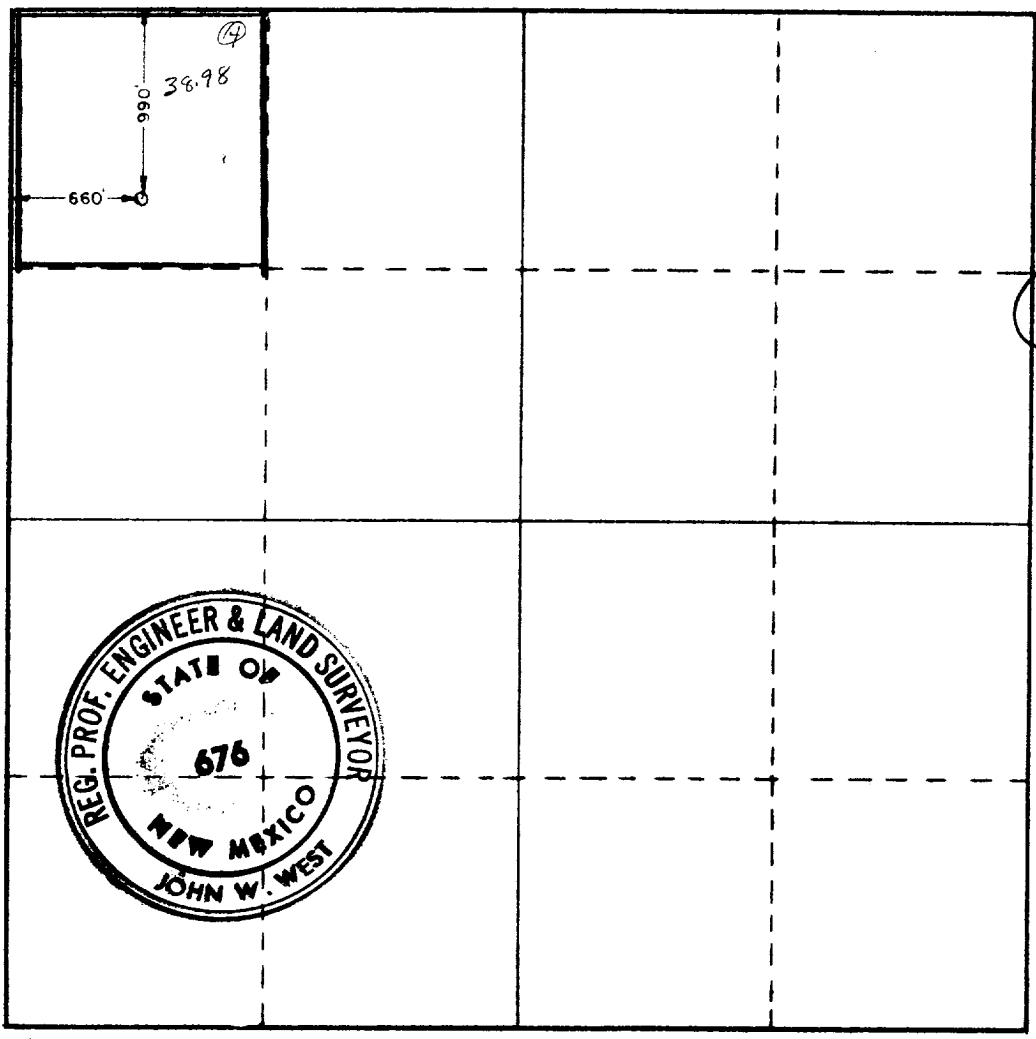
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

**RECEIVED**  
**NOV 24 1978**

Yes     No    If answer is "yes," type of consolidation \_\_\_\_\_  
**U.S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**

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 Commission.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>Jack L. McClellan</i>
Position	<b>President</b>
Company	<b>McClellan Oil Corporation</b>
Date	<b>November 24, 1978</b>
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	<b>November 22, 1978</b>
Registered Professional Engineer and/or Land Surveyor	
<i>John W. West</i>	
Certificate No.	<b>John W. West 676</b> <b>Ronald J. Eidsen 3239</b>



MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

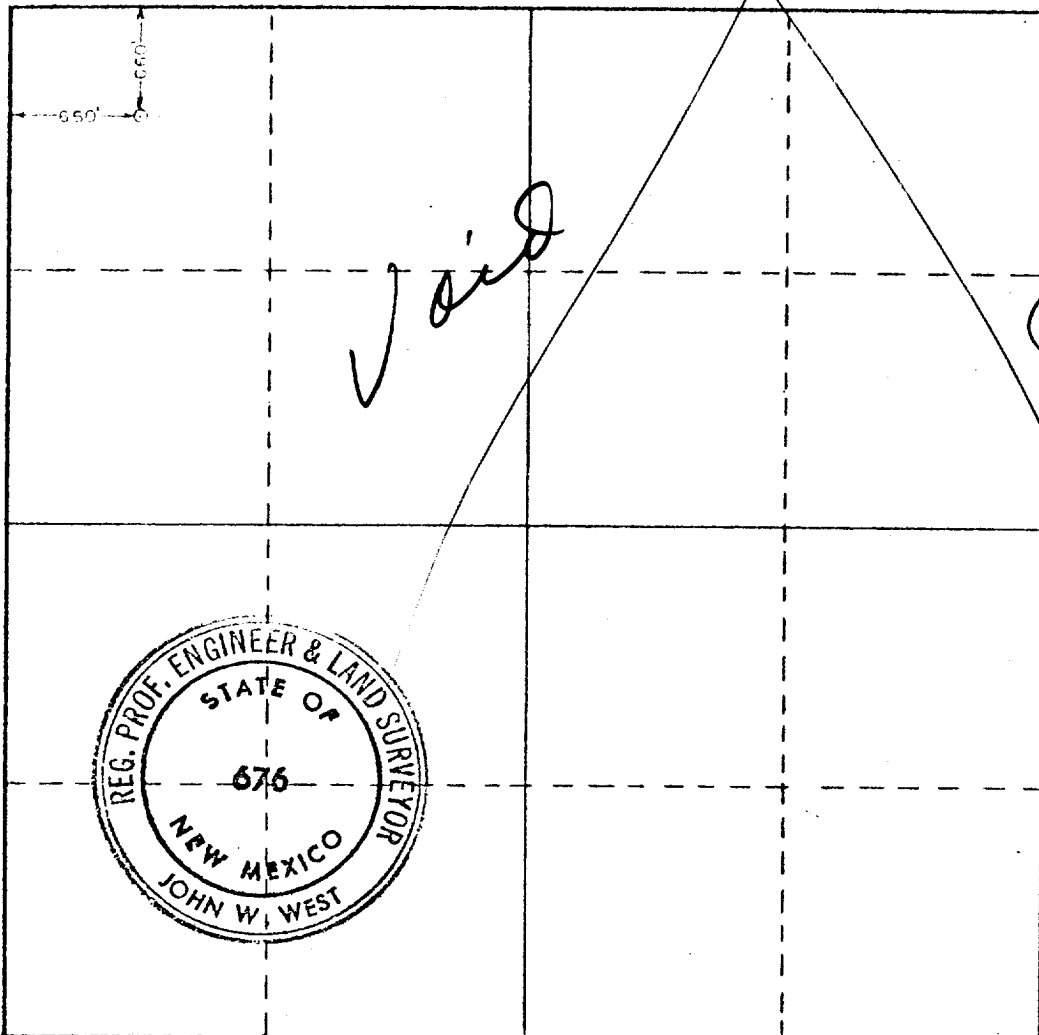
Operator <b>McClellan Oil Corp. &amp; J. Penrod Toles</b>			Lease <b>Pennjack Federal</b>			Well No. <b>1</b>		
Unit Letter <b>D</b>	Section <b>6</b>	Township <b>10 South</b>	Range <b>26 East</b>	County <b>Chavez</b>				
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line								
Ground Level Elev. <b>3693.9</b>	Producing Formation <b>Hill Camp</b>			Pool <b>Hill Camp</b>	Dedicated Acreage: <b>40</b> Acres			

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 Commission.



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 Corporation**

Date: **November 6, 1978**

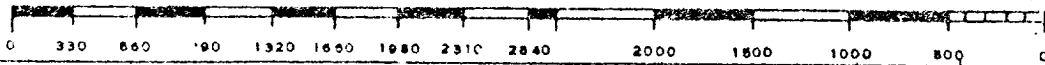
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **October 30, 1978**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **John W. West 676**

**Ronald J. Eidson 3239**



SURFACE USE PLAN

RECEIVED  
MAY 19 1964  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SURFACE USE PLAN

McClellan Oil Corporation and Mr. J. Penrod Toles  
660'FNL & 660'FWL Section 6-T10S-R26E  
990 Chaves County, New Mexico  
Federal Lease NM 8431

### 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 380 will be used for 8 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 6 miles. This road is constructed of caliche, is approximately 12' to 35' in width and is maintained by the county 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 180' in length. This road will be 12' wide. No caliche will be necessary as gypsum is outcropped on the surface. Existing gates and cattleguards will be utilized. All existing fences will be left intact. Approximately 1/10 mile of crude pipeline road will be bladed and used.

### 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

No construction material is anticipated as the surface consists of outcropped gypsum and will be levelled and graded.

### 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 "D".

10. Plan for Restoration of Surface

All pits will be filled in and levelled. 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

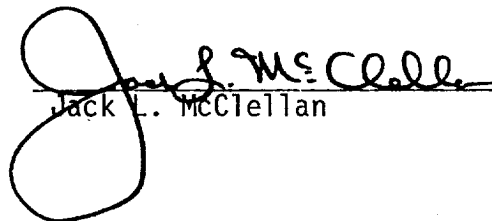
No unusual topography exists on the well site or access roads and the surface is comprised of outcropped gypsum.

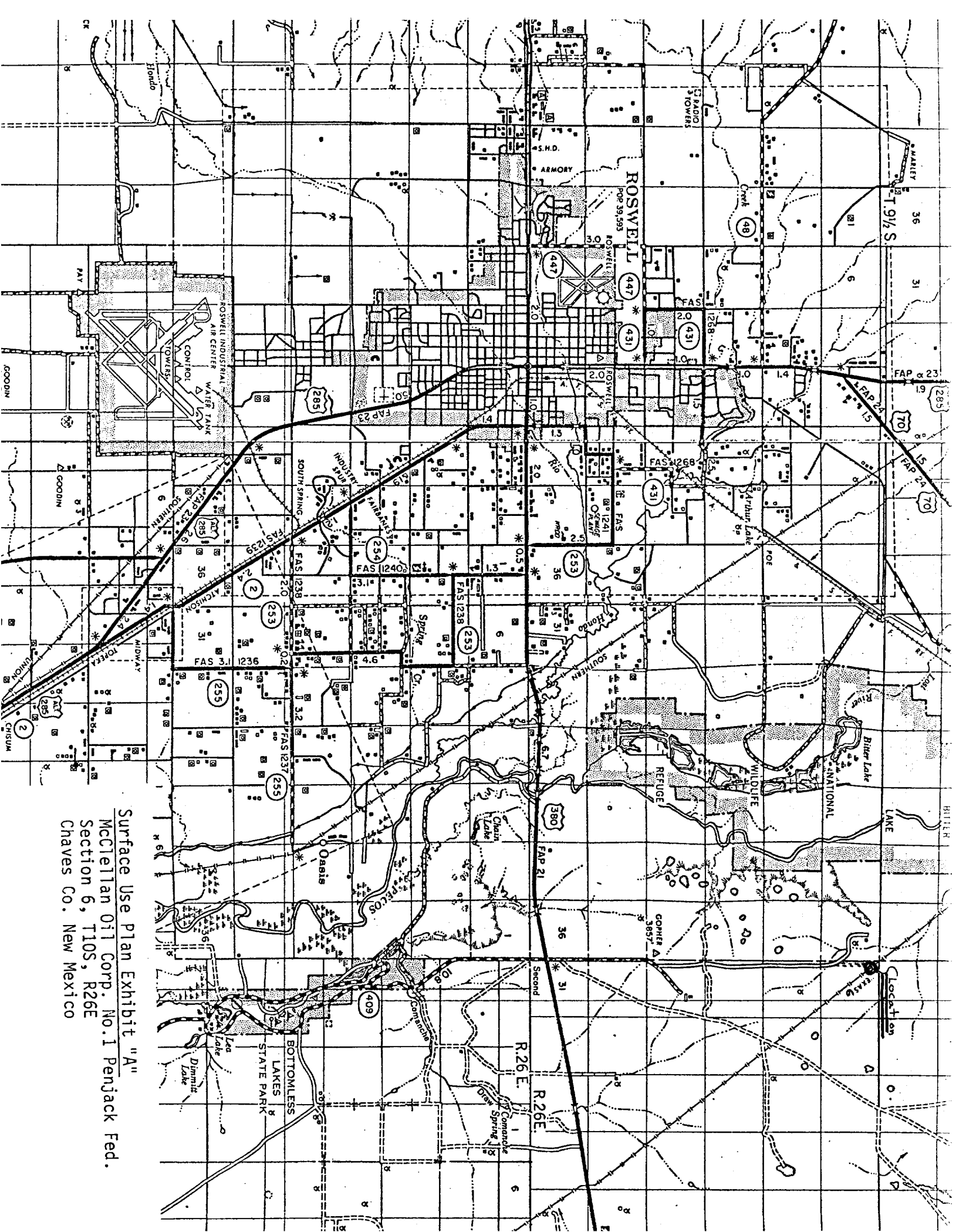
12. Operator Representatives

C. V. Miller	1106 Yates, Artesia, NM 88210 Mobile Unit 236 (Dial 748-1366)	746-3668
Cleo Brown	1808 Booker, Artesia, NM 88210 Mobile Unit 235 (Dial 748-1366)	748-2228
Jack L. McClellan	3106 North Montana, Roswell, NM 88201	622-3200 or 622-4076

13. Certification

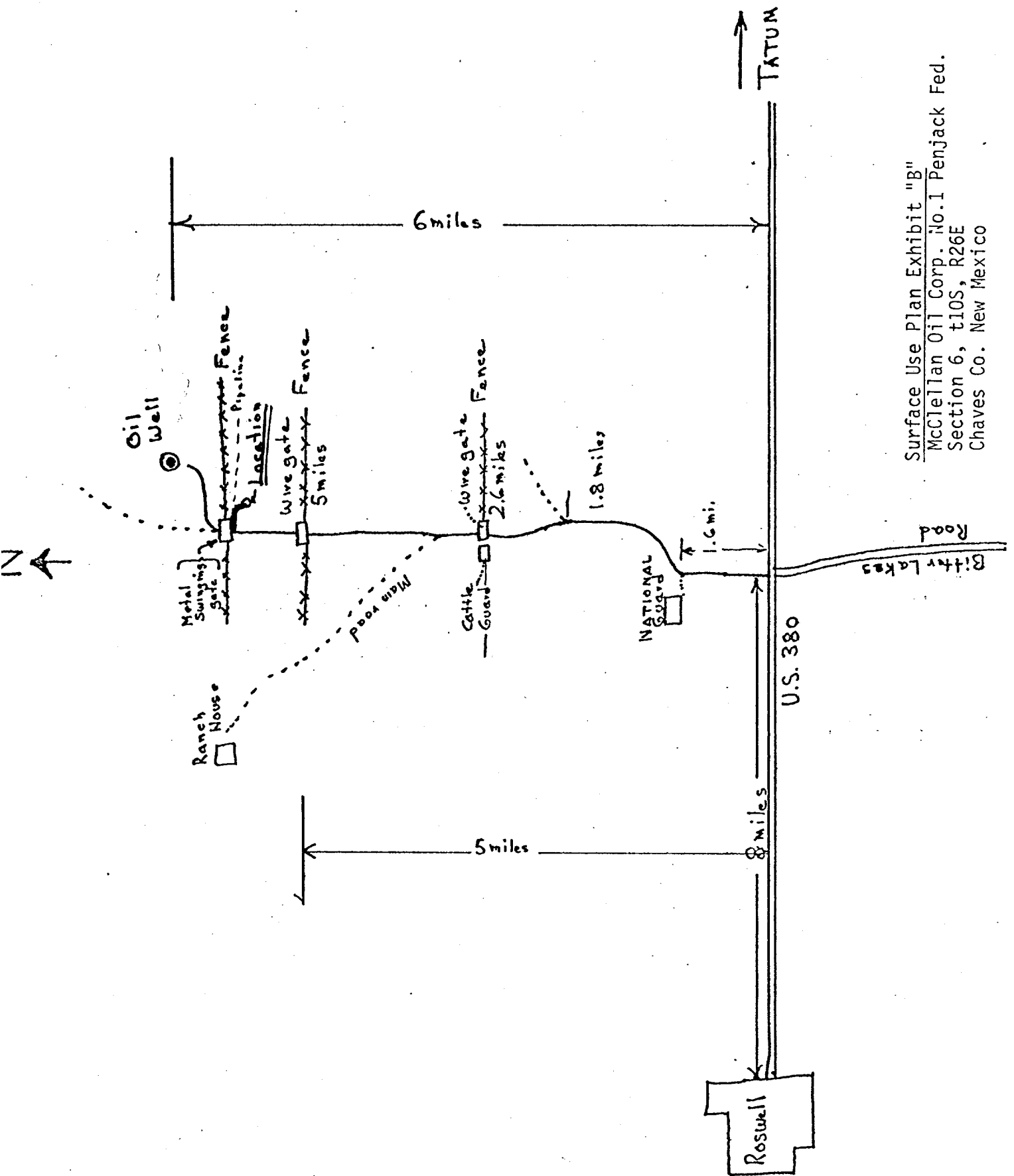
I certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with 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. No.1 Penjack Fed.  
 Section 6, T10S, R26E  
 Chaves Co. New Mexico

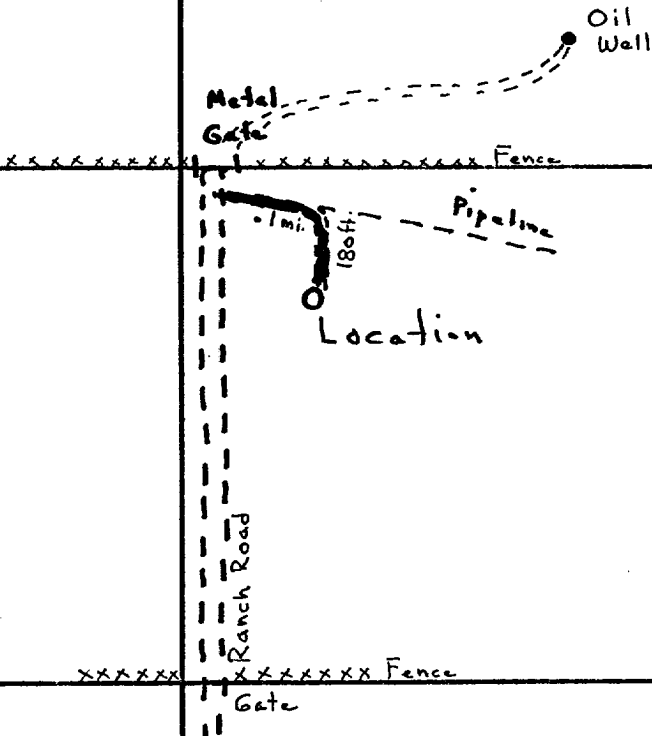




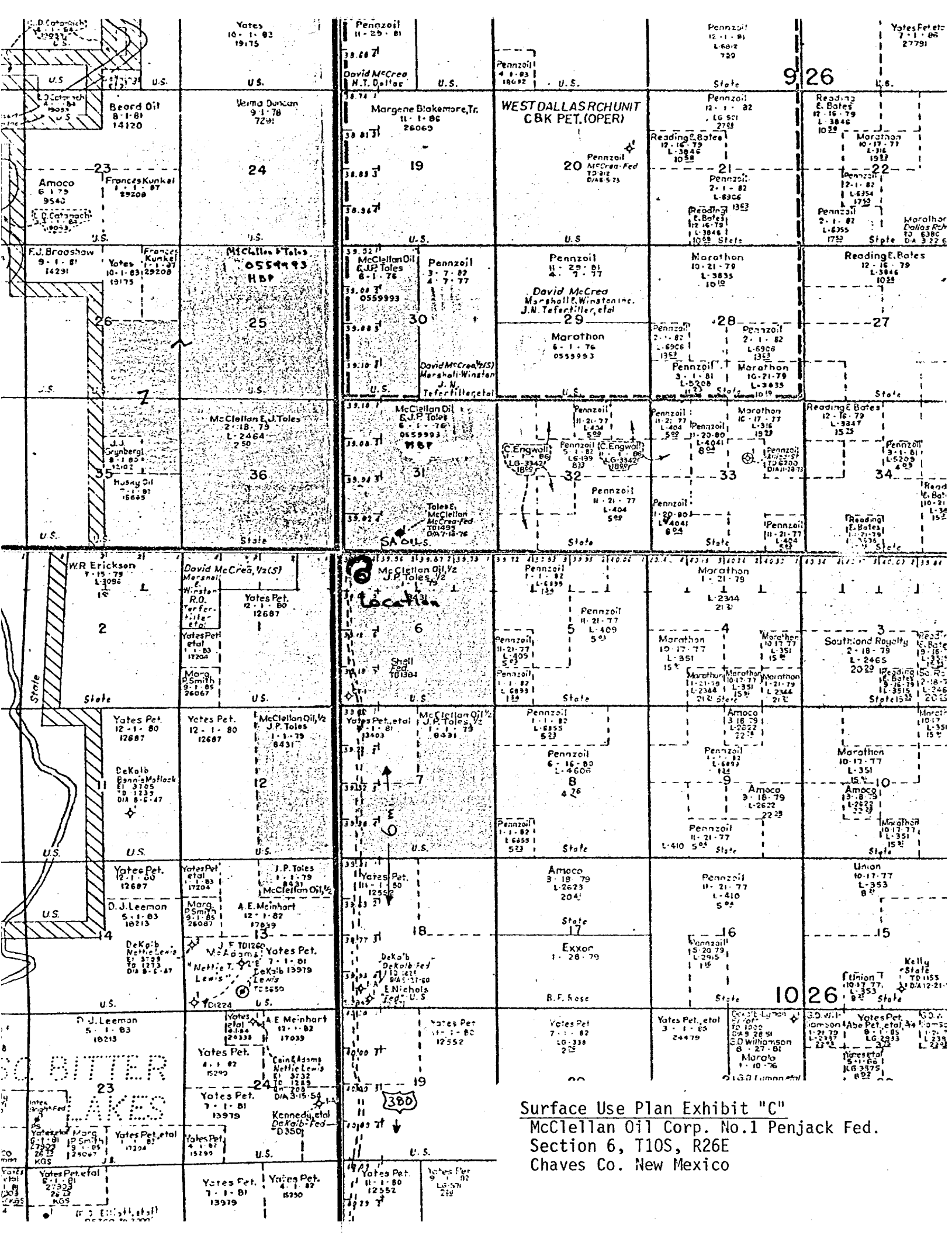
Surface Use Plan Exhibit "B"  
 McClellan Oil Corp. No. 1 Penjack Fed.  
 Section 6, T10S, R26E  
 Chaves Co. New Mexico



Ranch House  
□

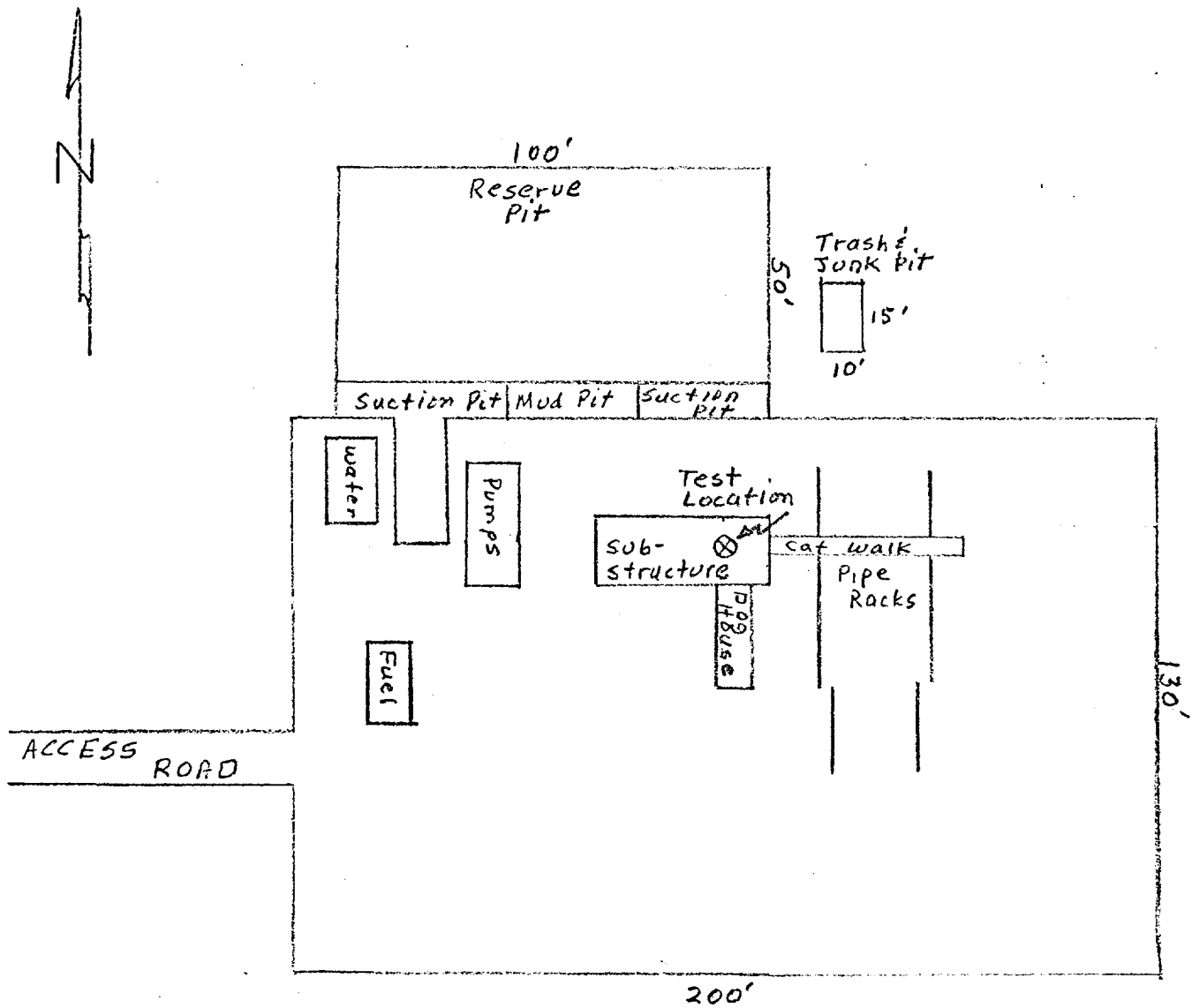


Surface Use Plan Exhibit "B"-1  
McClellan Oil Corp. Penjack Fed. #1  
Sec. 6, T10S, R26E  
Chaves Co. New Mexico



Surface Use Plan Exhibit "C"  
 McClellan Oil Corp. No.1 Penjack Fed.  
 Section 6, T10S, R26E  
 Chaves Co. New Mexico

Surface Use Plan Exhibit "D"  
McClellan Oil Corp. No.1 Penjack Fed.  
Section 6, T10S, R26E  
Chaves Co. New Mexico



RIG LAY OUT

# BLOWOUT PREVENTER SPECIFICATION

