

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-61347 RECEIVED

## 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

1980' FNL &amp; 660' FWL

At proposed prod. zone

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

12 miles North and 4 miles East of Roswell, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

1086.04

## 19. PROPOSED DEPTH

4000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3740' G.L.

## 22. APPROX. DATE WORK WILL START\*

January 20, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	54.5	80'	8 yards CIRCULATE
* 17-1/2"	13-3/8"	54.5	600'	500 sx Circulate
12-1/4"	8-5/8"	23	1400'	600 sx CIRCULATE
7-7/8"	4-1/2"	10.5	4000'	250 sx

We propose to drill and test the Abo formation. Approximately 600' of 17-1/2" hole will be drilled and if no problems occur, the hole will be reduced to 12-1/4" and drilled to 1400'. 8-5/8" casing will be run to shut off any thief zone. If production is indicated, 4-1/2" will be run and the Abo cemented with adequate cover, perforate and stimulate as needed for protection.

Gas is dedicated.

\*If lost circulation is encountered will run 13-3/8" casing. If no loss of circulation, reduce hole to 12-1/4" and drill to approximately 1400' and run 8-5/8" casing.

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

12/10/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

JAN 5 1982

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

All measurements must be from the outer boundaries of the lease.

Operator McClellan Oil Corp.		Lease Coyote Draw Federal		Well No. #5
Unit Letter E	Section 6	Township 8 South	Range 25 East	County Chaves
Actual Postage Location of Well: 660 feet from the West line and 1980 feet from the North line				
Ground Level Elev. 3740	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.

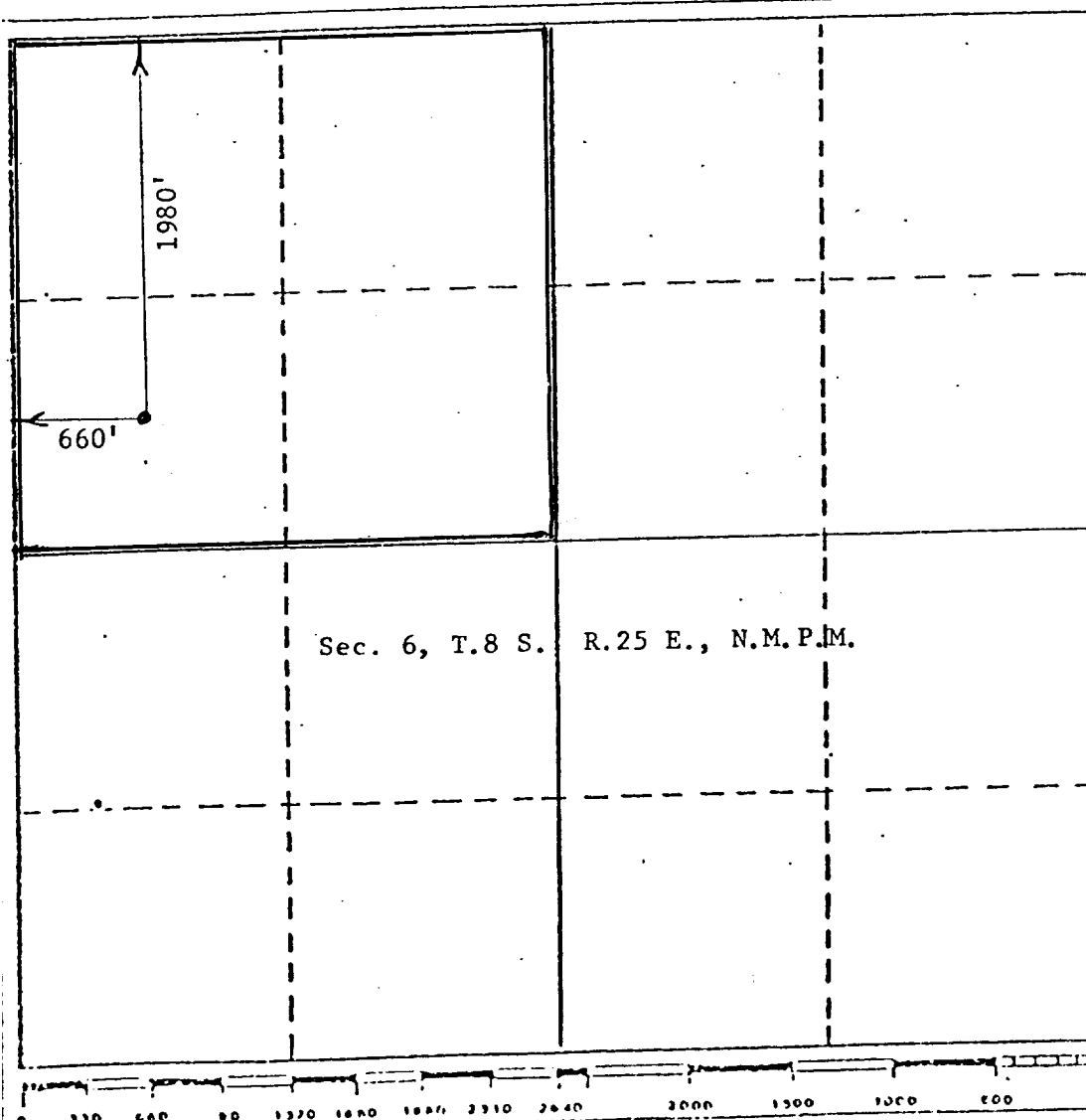
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

*Mark McClellan*

Name

Mark McClellan

Position

Geologist

Company

McClellan Oil Corporation

Date

December 10, 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 Licensed Surveyor

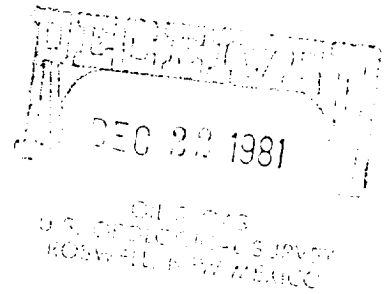
John D. Jaquess, P.E. &amp; L.S.

Certificate No.

6290

## SURFACE USE PLAN

McClellan Oil Corporation: Coyote Draw No. 5  
660' FWL & 1980' FNL, Section 6, T8S, R25E  
Chaves County, New Mexico  
Federal Lease NM-28306



### 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 7.6 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 8 miles from U.S. 285 to an existing access road. The county road is a well traveled gravel-caliche ranch-oilfield road approximately 20' in width and is maintained by the county, area ranchers and oil operators who utilize the road. U.S. 70 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 600' of new road, also marked in yellow. 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

It will be necessary to use caliche on new road and location. This material will be obtained from commercial sources.

### 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 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 is on a reasonably flat plateau but is bordered to the south by "chalk" bluffs and eroded arroyos. The drill site itself is on Federal land but the planned access road will cross private surface owned by the Spool Cattle Company of Amarillo, Texas. This road must provide access up the bluff coming out of a draw and following an existing road to the top of the plateau, rising approximately 133' from the draw to the well site in approximately 1.5 miles.

12. Operator Representatives

Paul Ragsdale	(505) 622-8302	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.

Mark McClellan  
Mark McClellan  
Geologist

1. Location: 1980' & 660' FWL, Section 6,T8S,R2 Chaves County, New Mexico

2. Elevation: 3740' G.L.

3. Geologic name of surface formation: Not Known (See Archaeological Report)

4. Type of drilling rig and associated equipment: Tex Mex Drilling Company Rotary Rig

5. Proposed drilling depth and objective formation: 4100' Abo

6. Estimated tops of geologic markers:

Yates	San Andres	<u>250'</u>	Abo	<u>3450'</u>
7-Rivers	Glorieta	<u>1050'</u>	Wolfcamp	
Queen	Tubb	<u>2800'</u>		

7. Estimated depths of any oil, water, or gas: 3450' - 4000' Gas

8-9. Proposed casing program:

*13-3/8 "	@	<u>600'</u>	Grade	<u>J-55</u>	Wt.	<u>54.5</u>	Type Cement	<u>Class "C" w/2% CaCl<sub>2</sub></u>
								<u>Circulate</u>
8-5/8 "	@	<u>1400'</u>	Grade	<u>J-55</u>	Wt.	<u>23</u>	Type Cement	<u>Class "C"</u>
4-1/2 "	@	<u>4000'</u>	Grade	<u>J-55</u>	Wt.	<u>10.5</u>	Type Cement	<u>50/50 Pozmix "C"</u>

10. Specifications for pressure control equipment and testing procedures: BOP's are Schaffer Model 39, 4500 lb. test. See exhibit "E".

11. Type and characteristics of drilling fluids: Native mud to top of Abo and salt base gel w/10 cc water loss, 50 viscosity and 9.2 lb/gal to T.D.

12. Testing, logging, and coring programs: No coring or testing is anticipated. Will run Compensated Neutron Formation Density, Dual Laterlog-Micro SFL, Gamma Ray.

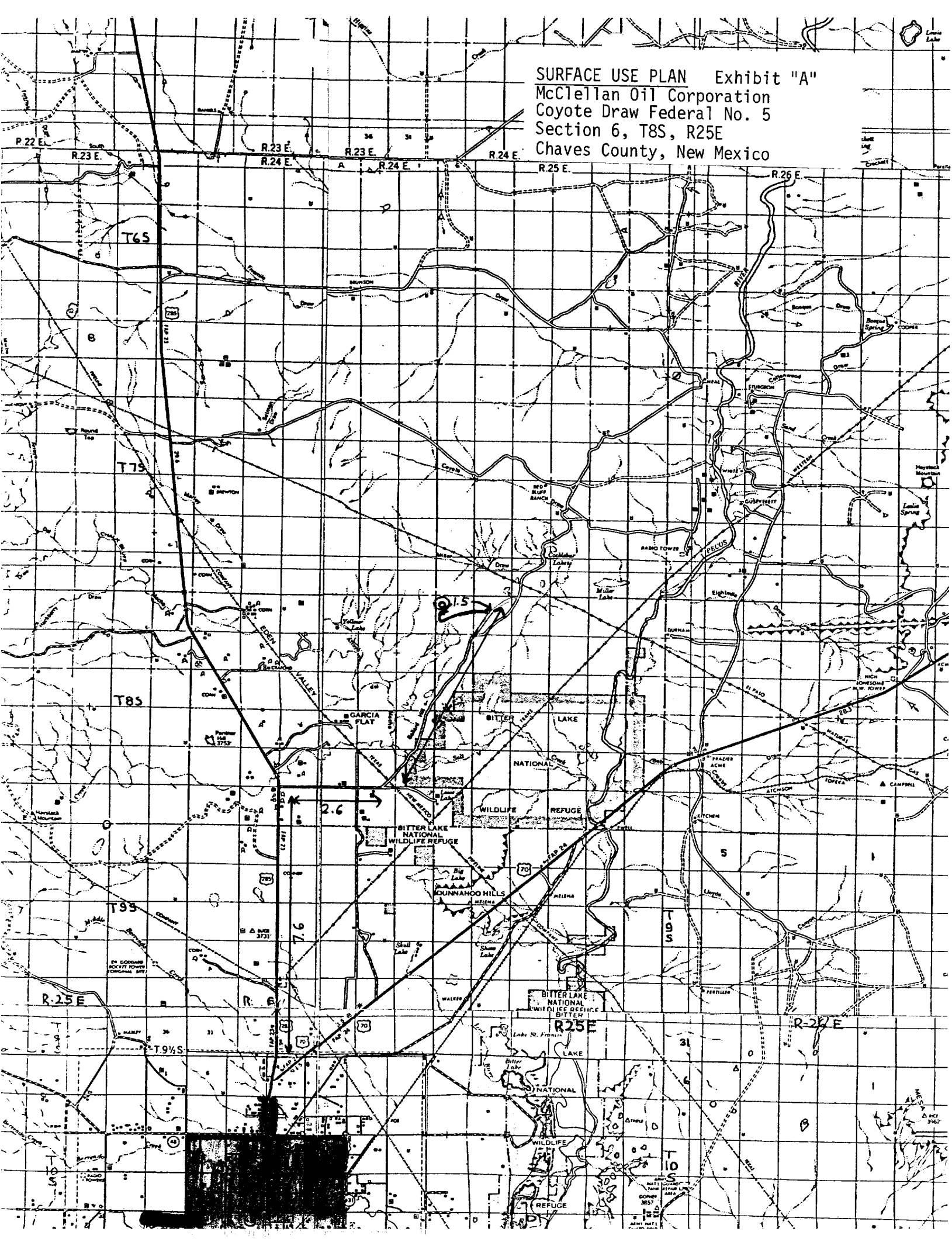
13. Anticipated abnormal pressures or temperature: None anticipated.

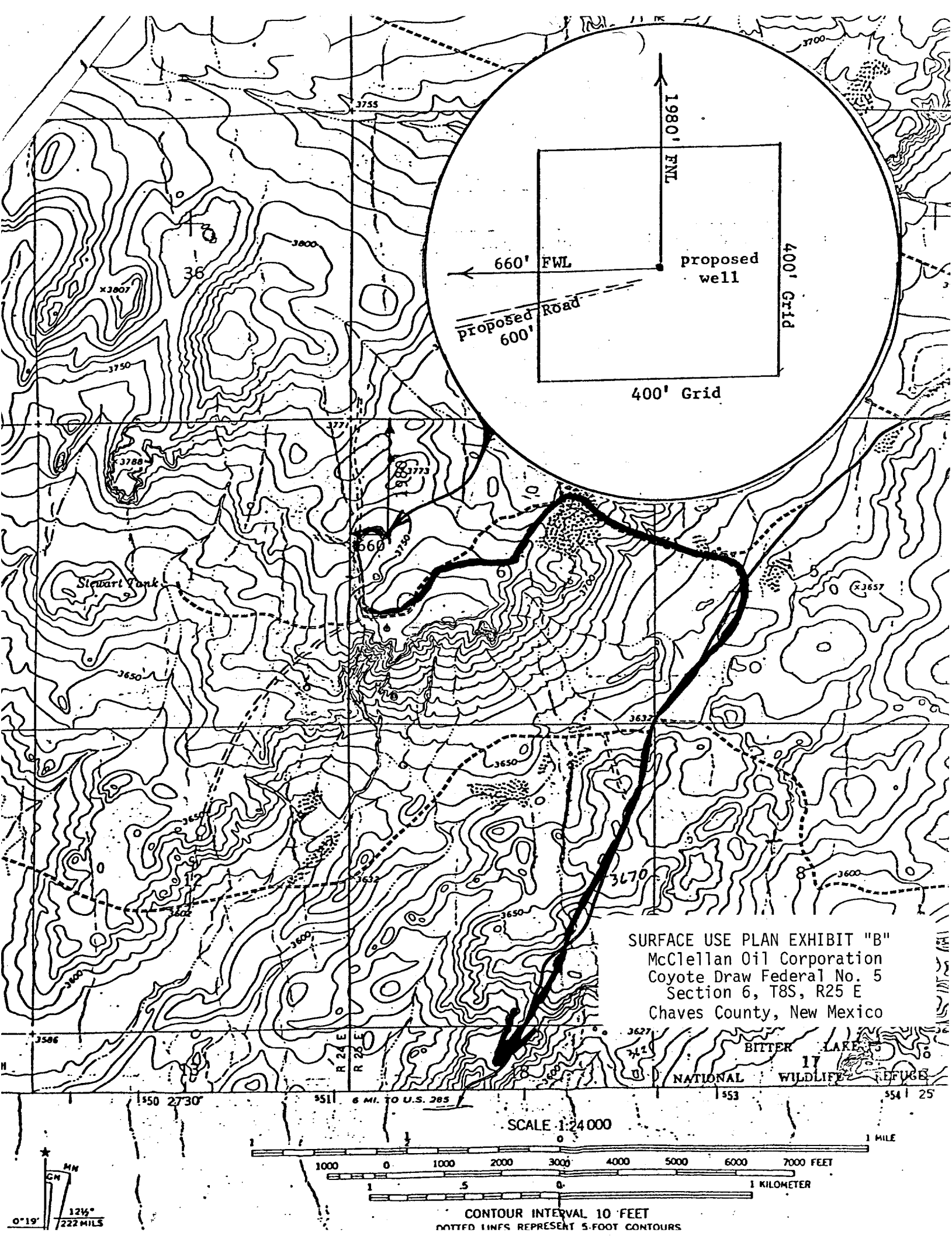
14. Anticipated commencement and completion date: 1/28/82 - 2/9/82

15. Other pertinent information: \_\_\_\_\_

\* If necessary, due to lost circulation.

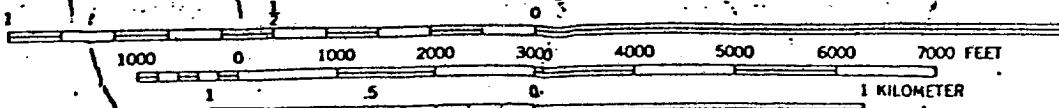
SURFACE USE PLAN Exhibit "A"  
McClellan Oil Corporation  
Coyote Draw Federal No. 5  
Section 6, T8S, R25E  
Chaves County, New Mexico



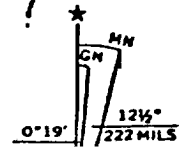


SURFACE USE PLAN EXHIBIT "B"  
McClellan Oil Corporation  
Coyote Draw Federal No. 5  
Section 6, T8S, R25 E  
Chaves County, New Mexico

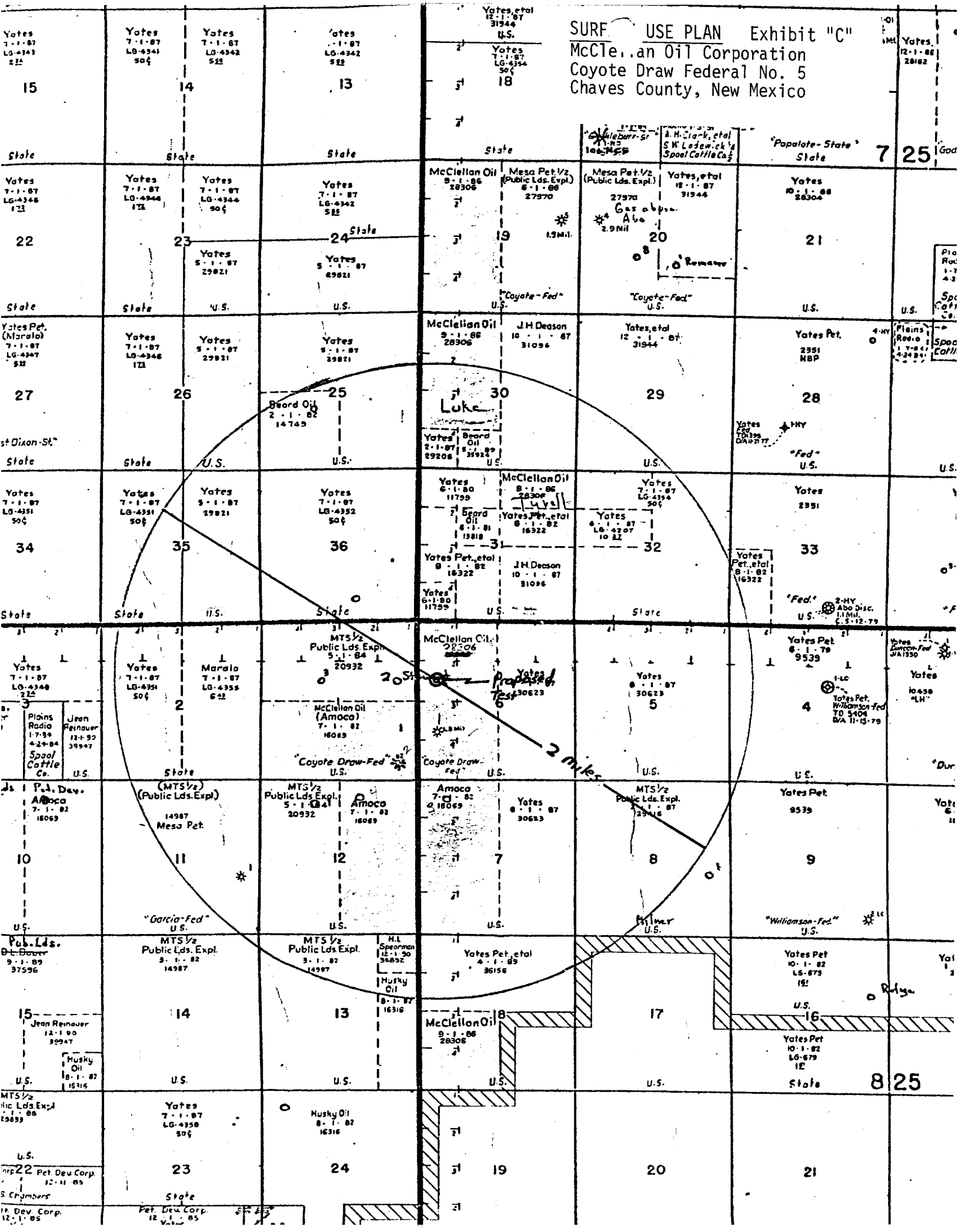
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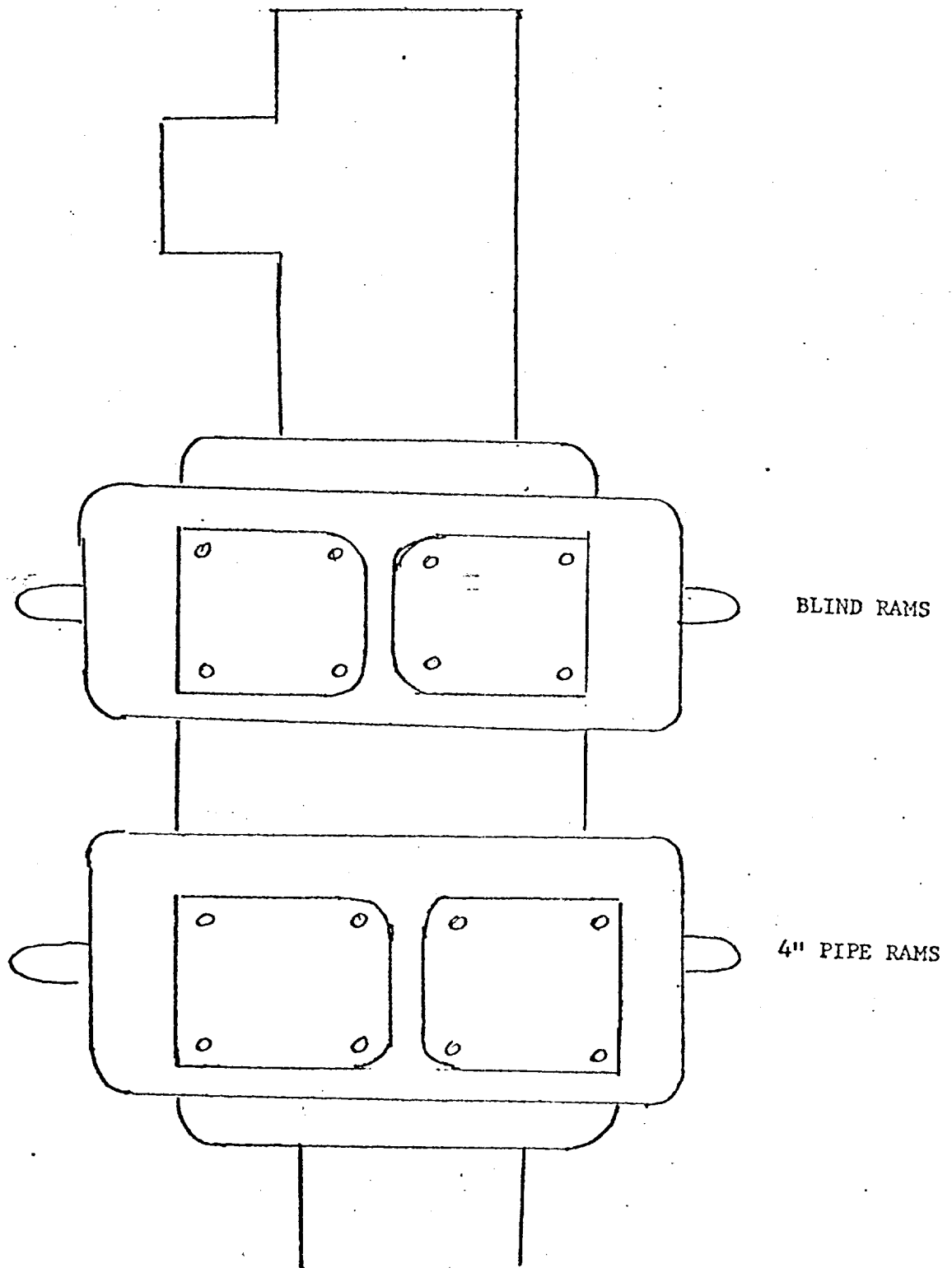
CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS



SURF USE PLAN Exhibit "C"  
McClellan Oil Corporation  
Coyote Draw Federal No. 5  
Chaves County, New Mexico







TEX-MEX BOP Diagram for Rig # 2  
 Schaffer Model 39  
 4500 lb. psi test

EXHIBIT "E"  
 McCLELLAN OIL CORPORATION  
 Coyote Draw Federal No. 5  
 Blowout Preventer Spec.