

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐RECEIVED 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 & 660' FEL

At proposed prod. zone

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

20 miles East of Dexter, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

1000

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

NA

19. PROPOSED DEPTH

2700'

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3769' G.L.

22. APPROX. DATE WORK WILL START*

July 15, 1982

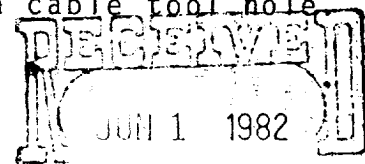
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	12-3/4"	32 lb.	400'	200 sx circulate
10 1/2"	8-5/8"	23 lb.	1300'	Set
8"	4-1/2"	9 1/2 lb.	2400'	150 sx

Will drill to approximately 2700' to test the San Andres formation. If production is indicated, will run casing and attempt completion. Conventional cable tool control head will be utilized.

Estimated geologic tops: Yates - 700', Queen - 1400', San Andres - 1950'.

Mud program: No mud will be used as this will be a cable tool hole

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production, the well is in a 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

Operator

DATE

4/21/82

(This space for Federal or State office use)

PERMIT NO. 8

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

JUN 16 1982

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CILHAM
DISTRICT SUPERVISORPasted FD-1
API & NL
6-25-82

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

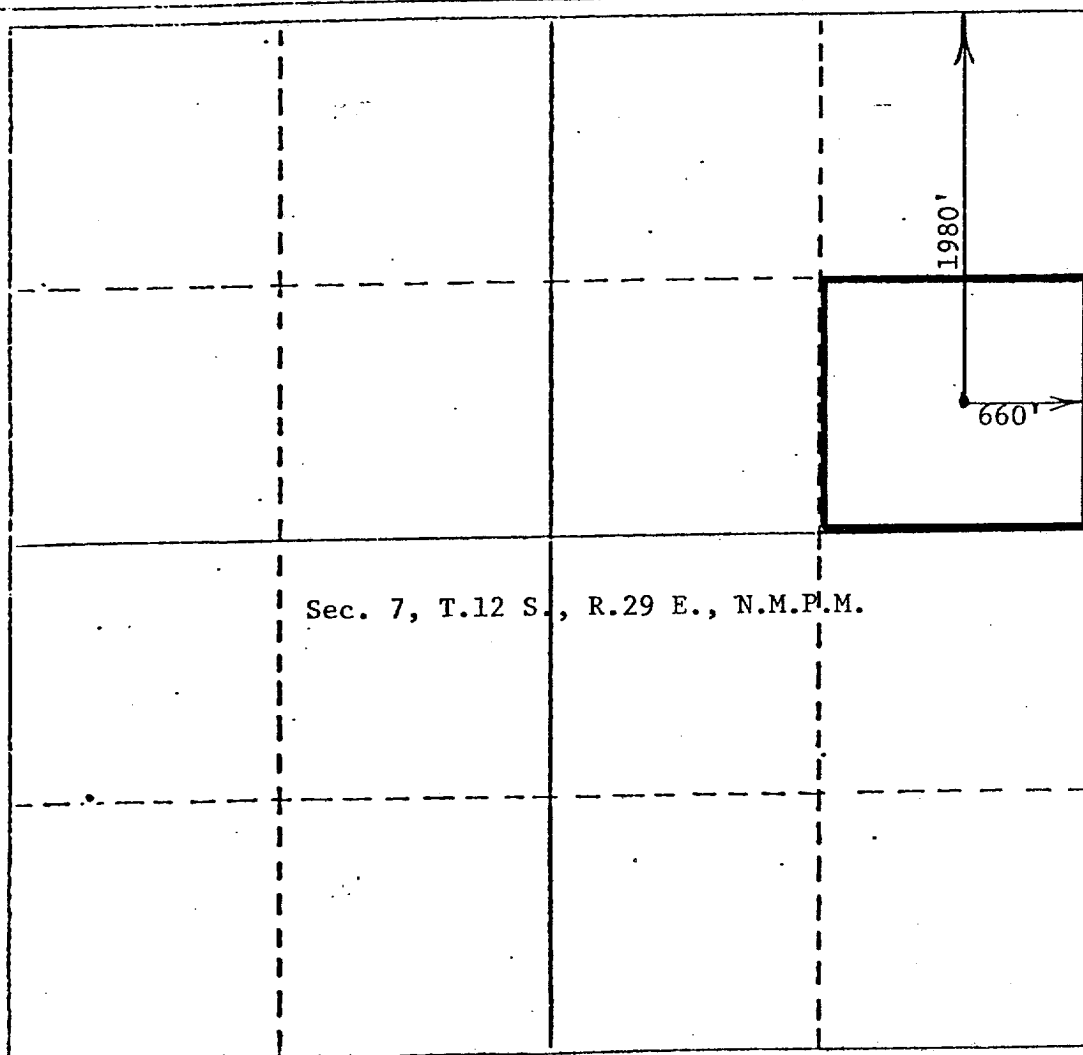
Operator McClellan Oil Corp,			Lease HM. Federal		Well No. #1
Unit Letter H	Section 7	Township 12 South	Range 29 East	County Chaves	
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3769	Producing Formation San Andres		Pool Wildcat - San Andres	Dedicated Acreage: 40 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.



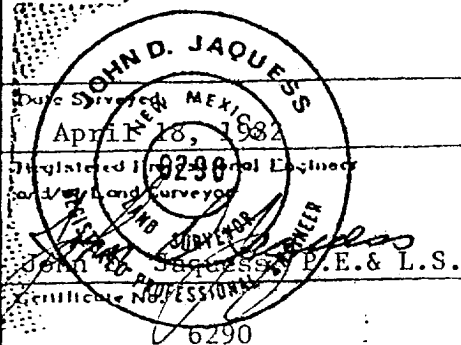
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mark McClellan

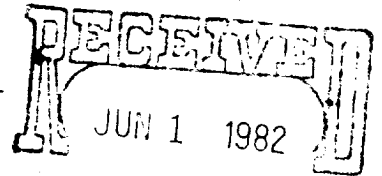
Name	Mark McClellan
Position	Geologist
Company	McClellan Oil Corporation
Date	April 29, 1982

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.



SURFACE USE PLAN

McClellan Oil Corporation: HM Federal No. 1
1980' FNL & 660' FEL Section 7, T12S-R29E
Chaves County, New Mexico
Federal Lease NM-16109



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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 29 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 9 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. An improved existing road will be used for approximately 2- $\frac{1}{4}$ miles. 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 1600' in length. This new road will be approximately 12' wide. Existing cattleguards and 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 commercial services.

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
No unusual topograhpy exists on the well site or access roads and the surface is depicted on Exhibit "B".
12. Operator Representatives
- | | |
|--|---|
| Paul Ragsdale
622-3200 Office
623-3940 Home | P.O. Drawer 730
Roswell, NM 88202
Mobile Unit 4128 (Roswell Caprock-
623-0989) |
| Mark McClellan
622-3200 Office
622-2128 Home | P.O. Drawer 730
Roswell, NM 88202 |
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.

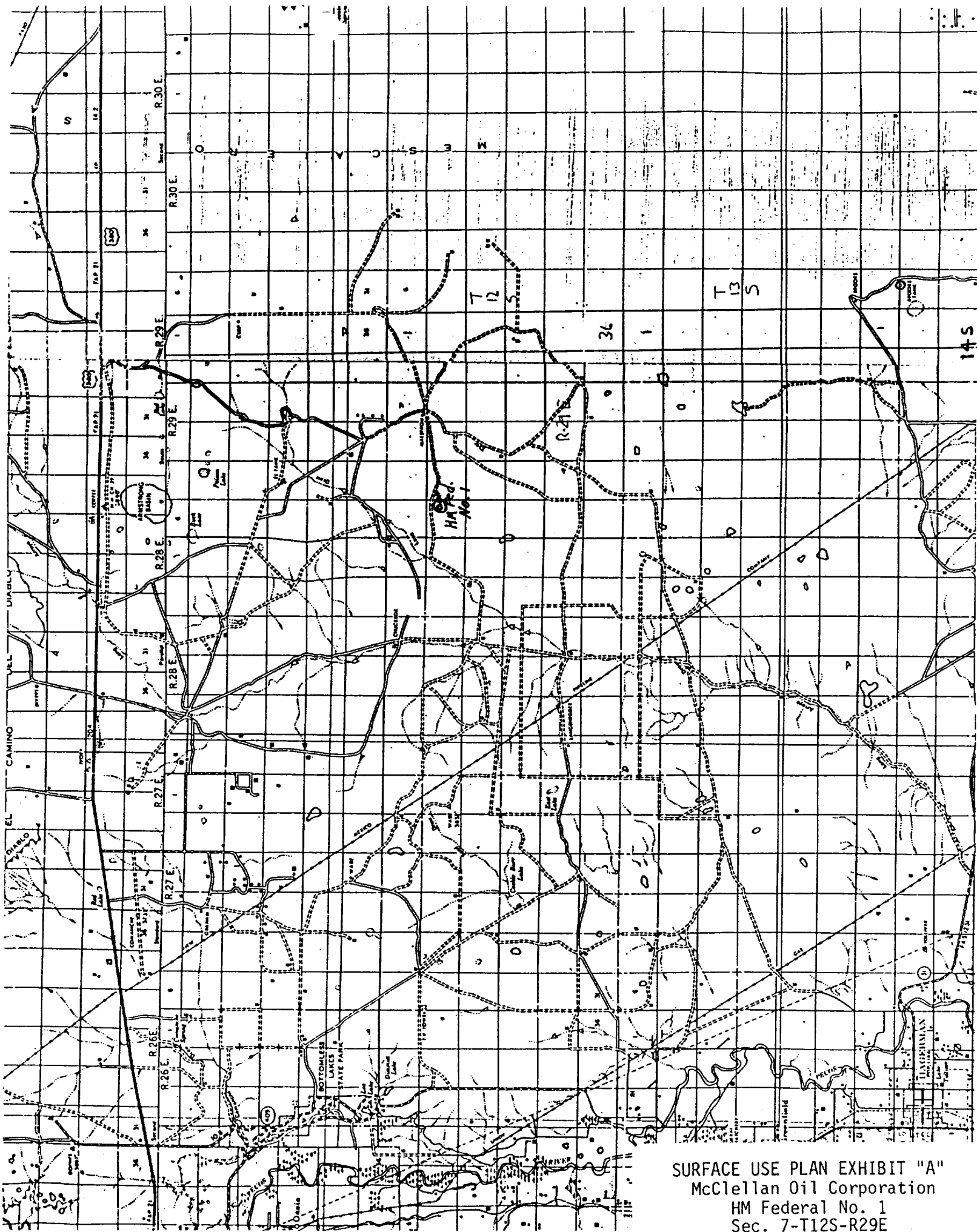
Mark H. McClellan
Mark H. McClellan

REQUIREMENTS
(NTL-6)

1. Location: 1980' ENI & 660' FEI, T12S-R29E-Sec. 7
2. Elevation: 3769' GL
3. Geologic name of surface formation: See Archaeological Report
4. Type of drilling rig and associated equipment: Walker-Neer 33 Super Cable
Tool drilling rig
5. Proposed drilling depth and objective formation: 2700' (San Andres)
6. Estimated tops of geologic markers:

Yates <u>700'</u>	San Andres <u>1950'</u>	Abo <u> </u>
7-Rivers <u>790'</u>	Glorieta <u> </u>	Wolfcamp <u> </u>
Queen <u>1400'</u>	Tubb <u> </u>	<u> </u>
7. Estimated depths of any oil, water, or gas: Possible water - 1400', Oil and/or
gas - 1950'-2400'
- 8-9. Proposed casing program:

<u>12-3/4" @ 400'</u>	<u>Grade J-55</u>	<u>Wt. 32</u>	<u>Type Cement</u>	<u>Class "C" w/2% CaCl</u>
<u>8-5/8" @ 1300'</u>	<u>Grade J-55</u>	<u>Wt. 23</u>	<u>Type Cement</u>	<u>Set (not cemented)</u>
<u>4-1/2" @ 2400'</u>	<u>Grade J-55</u>	<u>Wt. 9-1/2</u>	<u>Type Cement</u>	<u>Class "C"</u>
10. Specifications for pressure control equipment and testing procedures:
Conventional Cable Tool control head will be used.
11. Type and characteristics of drilling fluids: Natural mud used by adding fresh
water as well is being drilled.
12. Testing, logging, and coring programs: Natural tests will be taken as a result
of cable tool. Gama-Ray Neutron Log will be run. No coring program is planned.
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: 7/15/82, 8/1/82
15. Other pertinent information: None



SURFACE USE PLAN EXHIBIT "A"
McClellan Oil Corporation
HM Federal No. 1
Sec. 7-T12S-R29E
Chaves County, New Mexico