

Form 3160-3
(July 1989)
(formerly 9-331C)

NM Oil Cons. Commission

Drawer DD

Artesia, NM 88210 UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE UNDER
OF COPIES REQUIRED
(Other instructions on
reverse side)

38-005-62817
BLM Roswell District
Modified Form No.
NMO60-3160-2

DEC 14 '90

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

3a. Area Code & Phone No.

505/622-3200

3. ADDRESS OF OPERATOR

P. O. Drawer 730

Roswell, NM 88202

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

At surface

660' FNL & 660' FWL

At proposed prod. zone

Same

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

15 northeast of Roswell, NM

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

158.5

17. NO. OF ACRES ASSIGNED
TO THIS WELL

158.5

18. DISTANCE FROM PROPOSED LOCATION*

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

N/A

19. PROPOSED DEPTH

4675'

20. ROTARY OR CABLE TOOLS

Rotary

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

3733' GL

22. APPROX. DATE WORK WILL START*

December 1, 1990

23.

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	J-55	LTC	900'	Circ. 450 sx
7 7/8"	4 1/2"	10.5#	J-55	LTC	4675'	350 sx "C"

MUD PROGRAM: Drill to top of Abo at a depth of 4105' with fresh water and native mud. Will mud up 100' above Abo with 9.5 lb/gal. wt., 40 viscosity mud and 15 cc water loss.

BOP PROGRAM: A 10" 3000 psi wp Series 900 Cameron SS Space Saver BOP will be installed on the 8 5/8" casing. Casing and BOP will be tested before drilling out with 7 7/8". The BOP will be used as a 2000 psi wp system and will be tested daily.

Gas is 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

George R. Smith

Agent for:

TITLE McClellan Oil Corp.

Nov. 14, 1990

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Homer Meyer, Acting

TITLE

Area Manager

DATE

DEC 06 1990

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF ROAD OR PAD WITHOUT PAYMENT IN ADVANCE

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator McClellan Oil Corporation			Lease Allen Federal		Well No. #1
Unit Letter D	Section 7	Township 10S.	Range 26E.	County NMPM	Chaves
Actual Footage Location of Well:					
660 feet from the North line and		660 feet from the West line			
Ground level Elev. 3733		Producing Formation Abo		Dedicated Acreage: 158.5 Acres	
Pool Pecos Slope Abo					

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

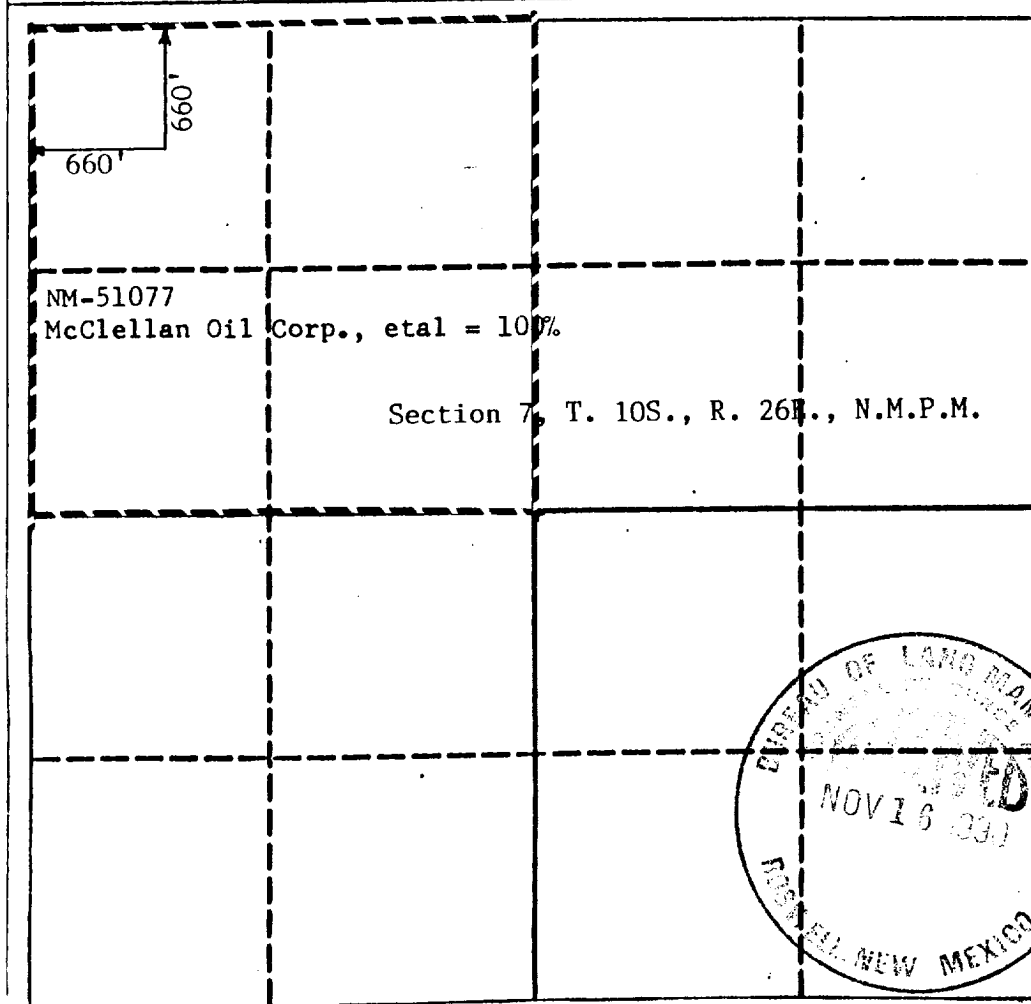
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-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 allowance 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

George R. Smith

Printed Name

George R. Smith

Position

Agent for:

Company

McClellan Oil Corporation

Date

November 15, 1990

SURVEYOR CERTIFICATION

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

11/1/90

Signature of Professional Surveyor

P. Jaouess

Professional Surveyor

NEW MEXICO

6298

CERTIFICATE NO.

6290

PROFESSIONAL ENGINEER

APPLICATION FOR DRILLING

McCLELLAN OIL CORPORATION
Allen Federal, Well No. 1
660' FNL & 660' FWL, Sec. 7-T10S-R26E
Chaves County, New Mexico
Lease No.: NM-51077
(Development Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, McClellan Oil Corporation submits the following items of pertinent information in accordance with BLM requirements:

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
2. The estimated tops of geologic markers are as follows:

San Andres	738'
Glorieta	1869'
Tubb	3353'
Abo	4105'
T.D.	4675'
3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Random fresh water sands from surface to - 300'+/-.
Oil: None expected.
Gas: Possible in the Abo below 4105'.
4. Proposed Casing Program: See Form 3160-3.
5. Proposed Control Equipment: See Form 3160-3 and Exhibit "E".
6. Mud Program: See Form 3160-3.
7. Auxiliary Equipment: Blowout Preventer, gas detector, Kelly cock, pit level monitor, flow sensors and stabbing valve.
8. Testing, Logging, and Coring Program:

Drill Stem Tests: None.
Logging: T.D. to surface casing: GR-CNL-LDT, and DLL.
Coring: None planned.
9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the mud weight.
10. Anticipated starting date: December 1, 1990.
Anticipated completion of drilling operations: Approximately 30 days.



MULTI POINT SURFACE USE AND OPERATIONS PLAN

McCLELLAN OIL CORPORATION
Allen Federal, Well No. 1
660' FNL & 660' FWL, Sec. 7-T10S-R27E
Chaves County, New Mexico
Lease No.: NM-51077
(Development Well)

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, to be followed in rehabilitating the surface environmental effects associated with the operations.

1. EXISTING ROADS:

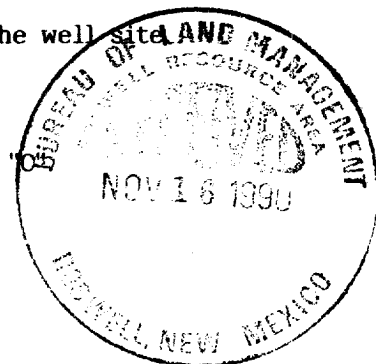
- A. Exhibit "A" is a portion of a BLM Roswell Quadrangle map showing the location of the proposed well as staked, in relation to existing roads and highway. The well site location is approximately 15 road miles east of Roswell, New Mexico. Traveling east from Roswell, there will be approximately 10 miles of paved U.S. Highway 380 and 4 miles of gravel ranch/oilfield roads.
- B. Directions: Travel East from Roswell, NM on U.S. Highway 380 for 10 miles to the Bottomless Lakes turnoff. Turn north on Chaves County road No. 61 for 4.6 miles, which will be approximately 1 mile north of the turnoff to the McCrea ranch. The start of the proposed access road is on the right at the the southwest corner of the staked location, which is adjacent to the existing access road. The proposed access road will run approximately 100 feet east to the pad inside the staked well site.

2. PLANNED ACCESS ROAD:

- A. Length and Width: There will be approximately 100 feet of new access road 12 feet wide (24' Max.), which is color coded red on Exhibit "B".
- B. Construction: The proposed access road will be constructed by grading and topping with compacted caliche. The surface will be properly drained.
- C. Turnouts: None required
- D. Culverts: None required.
- E. Cuts and Fills: None required.
- F. Gates, Cattleguards: One cattleguard will be installed in the fence next to the road.
- G. Off Lease R/W: None required. The county road is next to the well site.

3. LOCATION OF EXISTING WELLS:

- A. Existing wells within a two mile radius are shown on Exhibit "B".





4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES;

- A. There are no production facilities on the lease at this time.
- B. If the well proves to be commercial, the necessary production facilities, gas separation-process equipment and tank battery will be installed on the drilling pad. A 2 3/8" gas pipeline will be buried a maximum of 24" beside the proposed access road to an existing pipeline on the side west of the county road.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. It is planned to drill the proposed well with fresh water that will be obtained from private or commercial sources and will be transported over the existing and proposed access roads.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. Caliche for surfacing the proposed access road and well site pad will be obtained, as needed, from a private surface and mineral pit in the NE¼NE¼ of Section 30-T9S-R26E. The topsoil from the location will be stockpiled near the location for future rehabilitation use. No surface materials will be disturbed except those necessary for actual grading and leveling of the drill site and access road.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve/mud pit.
- B. Drilling fluids will be allowed to evaporate in the reserve/mud pit until the pit is dry.
- C. All pits will be fenced with normal fencing materials to prevent livestock from entering the area.
- D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or a separate disposal application will be submitted to the BLM for approval.
- E. Oil produced during operations will be stored in tanks until sold.
- F. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- G. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt, or a commercial dumpster will be used. All waste material will be contained to prevent scattering by the wind.
- H. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

- A. None required.



9. WELL SITE LAYOUT:

- A. Exhibit "D" shows the relative location and dimensions of the well pad, waste pits, and major rig components. The pad and pit area has been staked and flagged, 400' X 400'.
- B. Mat Size: Maximum size: 220' X 145' plus 60' X 100' reserve pit.
- C. Cut & Fill: A 2-3 foot cut on the south with fill to the north will be required.
- D. The surface will be topped with compacted caliche.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in an aesthetically pleasing a condition as possible.
- B. Any unguarded pits containing fluids will be fenced and screened until they are filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment or as soon as the pits are dry enough to work.

11. OTHER INFORMATION:

- A. Topography: The proposed well site and access road is located on a relatively level area with a 2% slope to the northwest from an elevation of 3733' G.L. The area is part of the uplands east of the Pecos River, which is 2 miles to the west.
- B. Soil: The topsoil at the well site is a light tan colored loam with considerable caliche and gypsum rock scatter. The south half of the location has been partially scrapped in preparation for a previous location. Large outcrops of gypsum rock is showing indicating extensive coverage underlying the surface. This soil is part of the Holloman-Gypsum land complex series.
- C. Flora and Fauna: The vegetation cover is a fair grass cover of dropseed, grama, three-awn, bluestem, tobosa and muhly along with plants of mesquite, yucca, cacti, broomweed, thistle and miscellaneous weeds and wildflowers. The wildlife consists of rabbits, coyotes, rattlesnakes, lizards, dove, quail and other wildlife typical of the semi-arid desert land.
- D. Ponds and Streams: The Pecos River is 2 miles to the west.
- E. Residences and Other Structures: The David McCrea ranch house is one mile to the northwest of the location.
- F. Land Use: Cattle grazing.

11. OTHER INFORMATION; cont.....

- G. Surface Ownership: The proposed well site and access road is on Federal surface and minerals.
- H. There is no evidence of any archaeological, historical or cultural sites in the area. An archaeological survey will be conducted by Archaeological Survey Consultants, P. O. Box D, Roswell, NM 88202, and their report will be submitted to the appropriate government agencies.

12. OPERATOR'S REPRESENTATIVE:

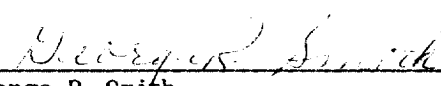
- A. The field representative for assuring compliance with the approved surface use and operations plan is as follows:

Mark McClellan
McClellan Oil Corporation
P. O. Drawer 730
Roswell, New Mexico 88202
Office Phone: (505) 622-3200
Home Phone: (505) 622-2128

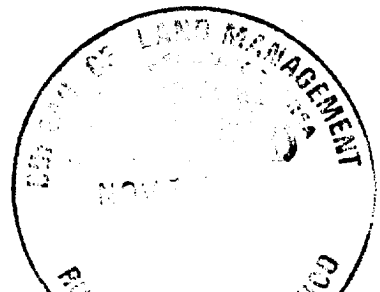
13. CERTIFICATION:

I hereby certify that I have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the 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. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

November 14, 1990



George R. Smith
Agent for: McClellan Oil Corporation



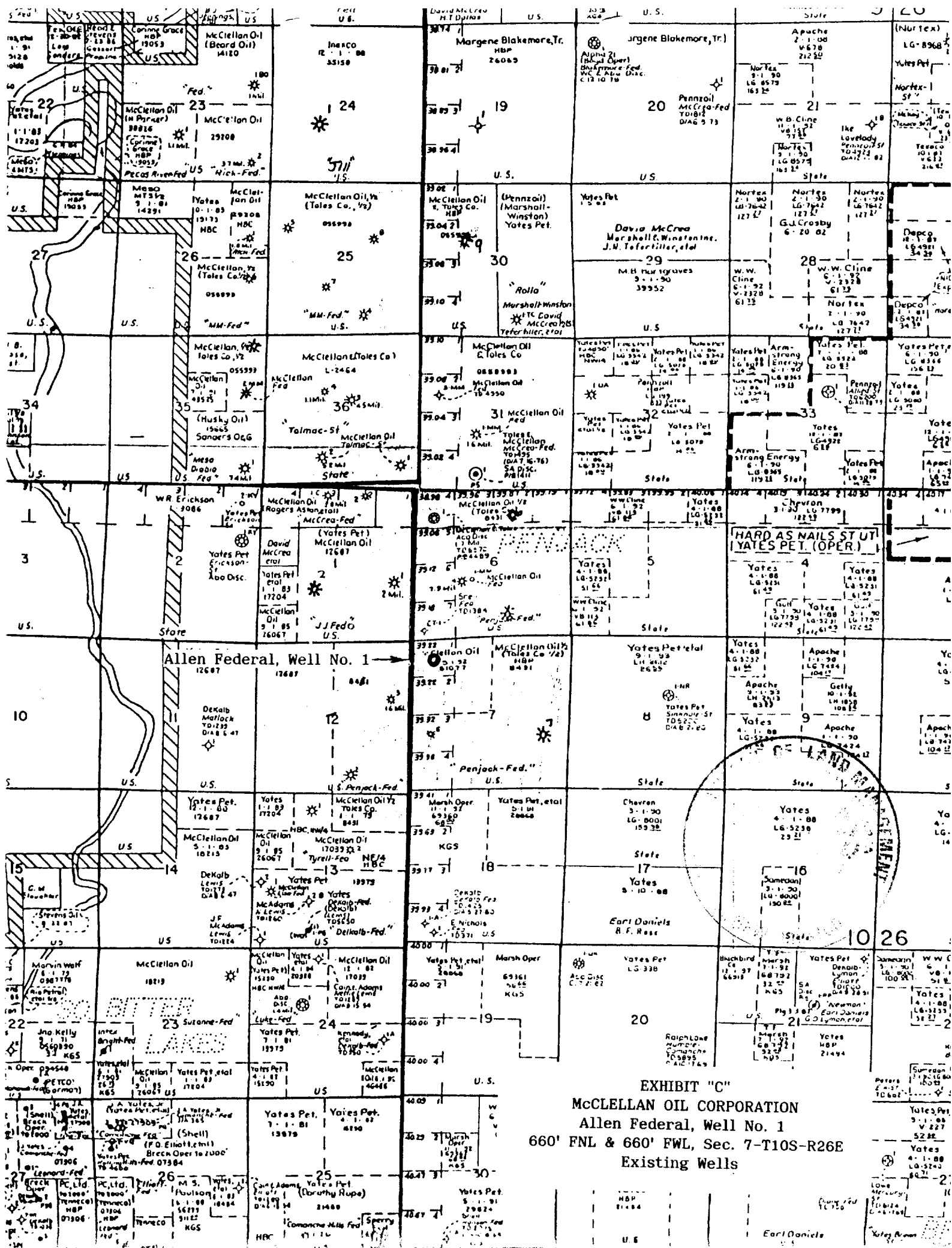


EXHIBIT "C"
MCLELLAN OIL CORPORATION
Allen Federal, Well No. 1
660' FNL & 660' FWL, Sec. 7-T10S-R26E
Existing Wells

PLAT FOR PIT LOCATION FOR ARTESIA FISHING TOOL

Rigs #1 & #2; L & M DRILLING #2 and LARUE
DRILLING #2

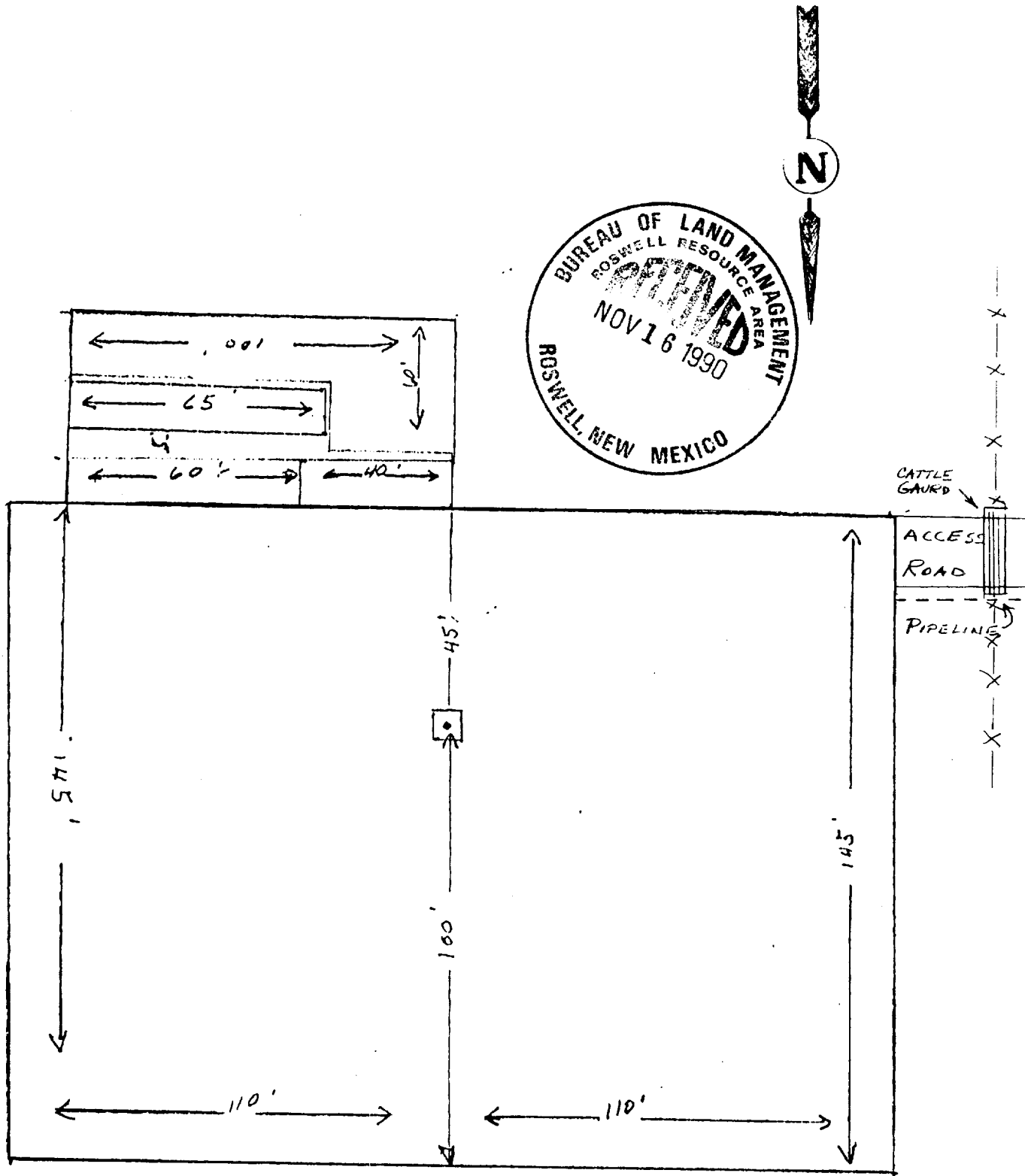
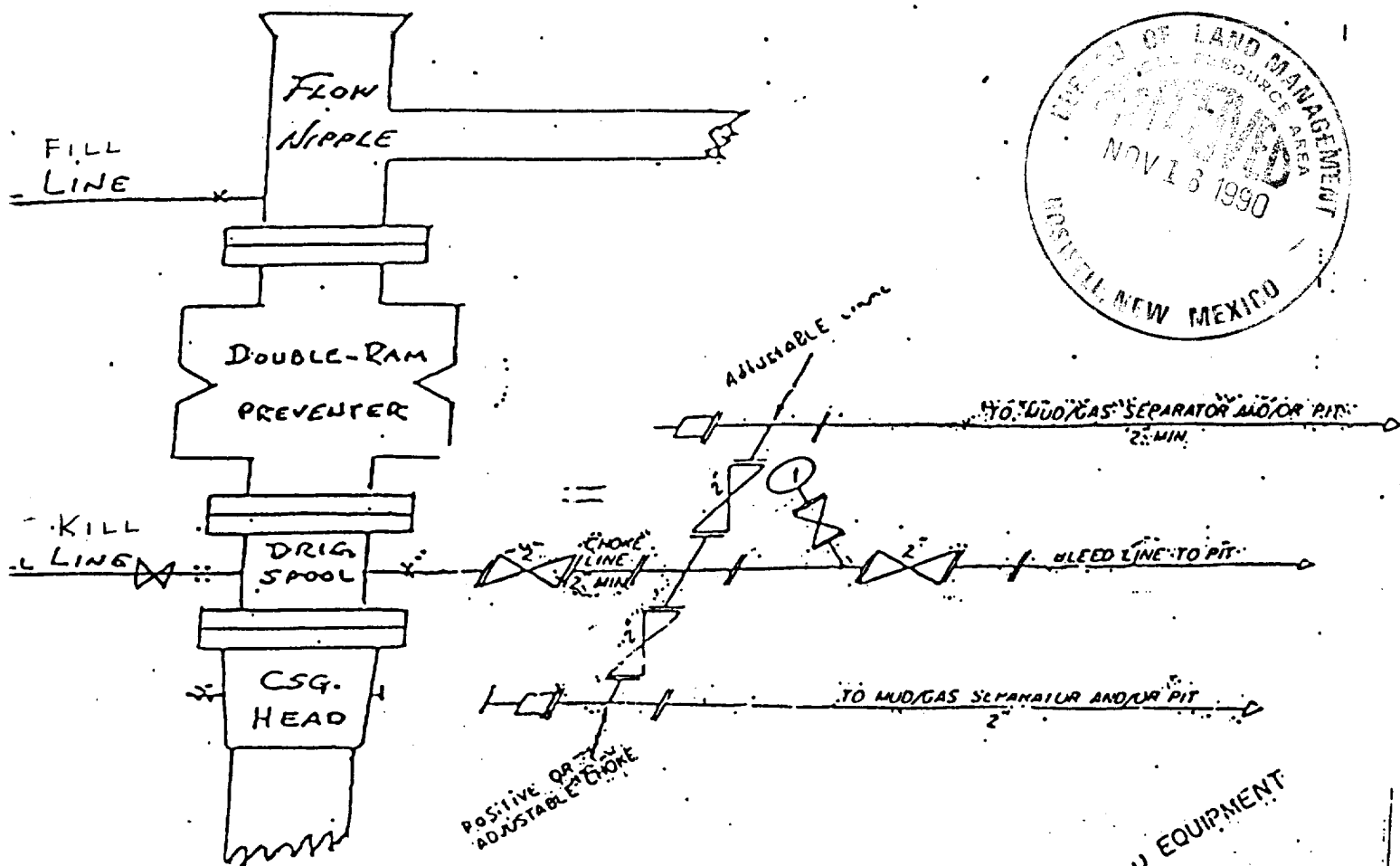


EXHIBIT "D"
McCLELLAN OIL CORPORATION
Allen Federal, Well No. 1
Pad & Pit Layout

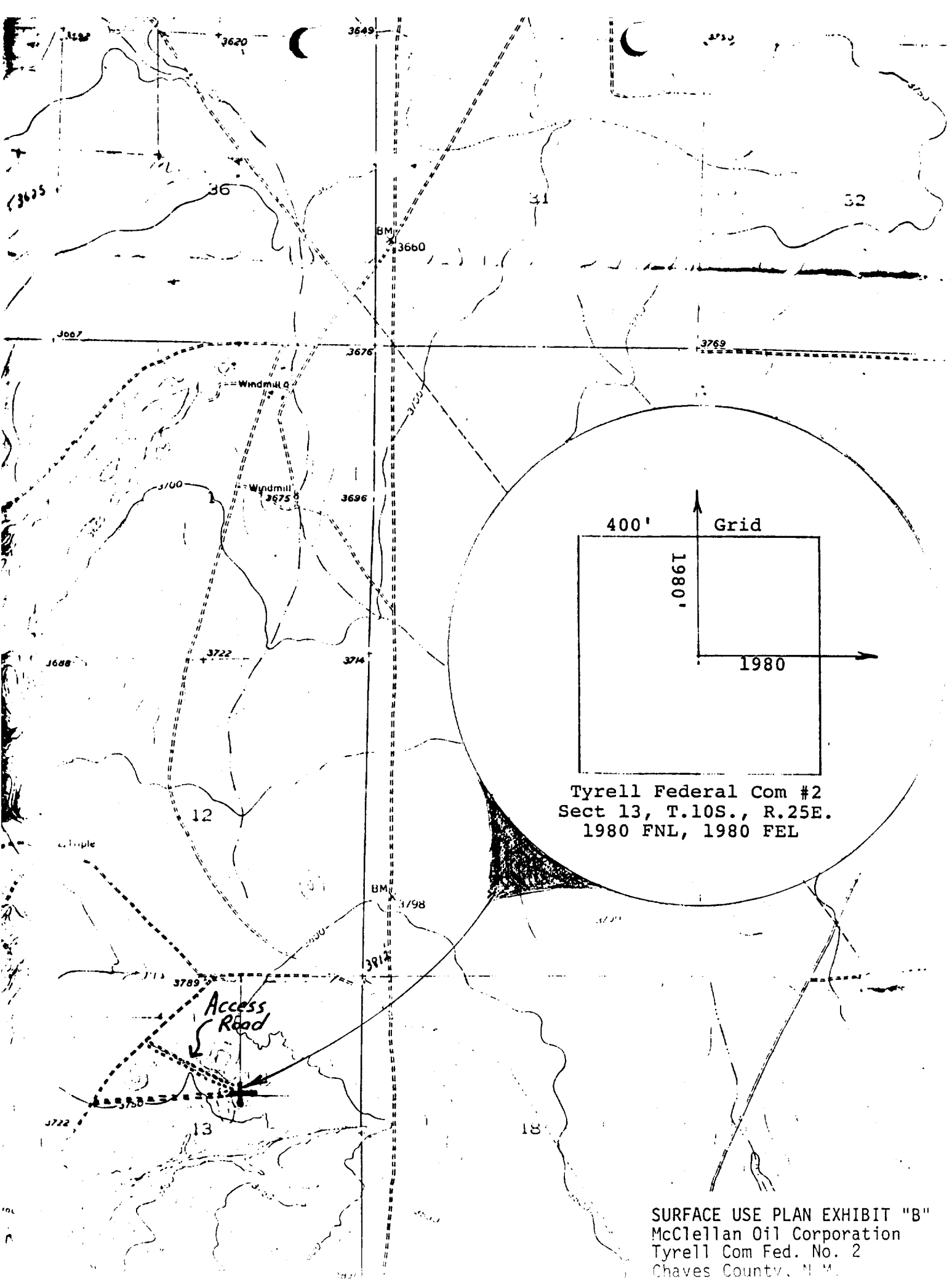
B O P & CHOKE MANIFOLD

10"/900 Cameron SS Space Saver
3000# Working Pressure
3000# Working Pressure Choke Manifold



2M CHOKE MANIFOLD EQUIPMENT

EXHIBIT "E"
McCLELLAN OIL CORPORATION
Allen Federal, Well No. 1
BOP Specifications



SURFACE USE PLAN EXHIBIT "B"
McClellan Oil Corporation
Tyrell Com Fed. No. 2
Chaves County, N.M.

