

NM Oil CONS. COMMISSION  
Drawn by  
ARTESIA, NM STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TR. ATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

30-005-61237

C/SF  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-38626
b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR McClellan Oil Corporation ✓		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Post Office Drawer 730, Roswell, New Mexico 88202		8. FARM OR LEASE NAME Pecos River Fed.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface At proposed prod. zone 1650' FSL & 1980' FWL		9. WELL NO. 1
11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 miles northeast of Roswell, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat and also
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drilg. unit line, if any) 1650'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 11-K Section 23-T9S-R25E
13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		12. COUNTY OR PARISH Chaves
14. NO. OF ACRES IN LEASE 160		13. STATE N.M.
15. PROPOSED DEPTH 4300'		14. ROTARY OR CABLE TOOLS Rotary
16. ELEVATIONS (Show whether D.P., RT., GR., etc.) 3533' G.L.		15. APPROX. DATE WORK WILL START* November 20, 1981

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	43-1/2 lbs.	300'	200 SX (circ.)
10-3/4"	8-5/8"	28 lbs.	700'	400 SX (circ.)
7-7/8"	4-1/2"	10-1/2 lbs.	4300'	300 SX

Propose to drill to approximately 4300' to test the Abo formation. If production is indicated, will set casing and attempt completion.

Estimated Geological Tops: San Andres 500'  
Glorieta 1600'  
Tubb 3100'  
Abo 3800'

Mud Program: Will drill with fresh water to top of Abo. Will mud-up at that point with 10 cc water loss, 50 viscosity salt base mud.

Gas on this well is not dedicated.

16. 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.

SIGNED William L. Smith Agent for: TITLE McClellan Oil Corporation DATE October 23, 1981  
(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

NOV 19 1981

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

TITLE

DATE

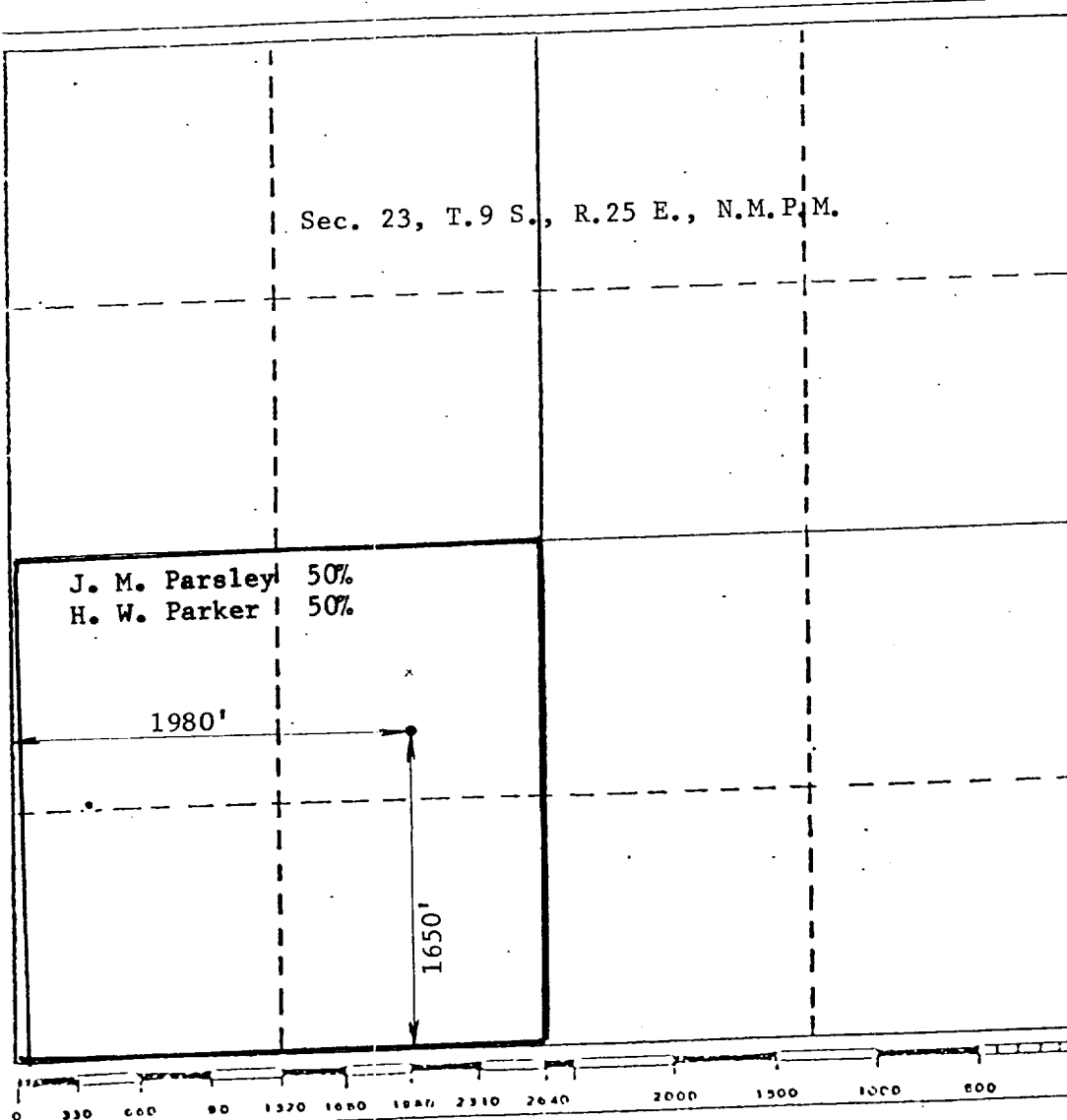
All distances must be from the outer boundaries of the Section.

Operator <b>McClellan Oil Corp.</b>		Lease <b>Pecos River Federal</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>9 South</b>	Range <b>25 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>West</b> line and <b>1650</b> feet from the <b>South</b> line				
Ground Level Elev. <b>3533</b>	Producing Formation <b>Abo</b>	Pool <b>Undesignated</b>		Dedicated Acreage: <b>160</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 Division.



CERTIFICATION

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

*George R. Smith*  
Name

George R. Smith

Position

Agent for:

Company

McClellan Oil Corporation

Date

October 23, 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

October 13, 1981

Registered Professional Engineer and/or Land Surveyor

*John D. Jaques*  
John D. Jaques, P.E. & L.S.

Certificate No.

6290

APPLICATION FOR DRILLING

McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
1650' FSL & 1980' FWL, Sec. 23-T9S-R25E  
Chaves County, New Mexico  
Lease No.: NM-38626  
(Exploratory Well)

In conjunction with Form 9-331C, Application for Permit to Drill subject well, McClellan Oil corporation submits the following items of pertinent information in accordance with USGS requirements:

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

San Andres	500'
Glorieta	1600'
Tubb	3100'
Abo	3800'
3. The estimated depth at which anticipated water, oil, or gas formations are expected to be encountered:

Water:	Possible surface water 100 - 200'.
Oil:	None expected.
Gas:	Abo between 3800' and 4400'.
4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: BOP's are 10" series 900 Type "E" Shaffer Double Hydraulic 6000 psi test, 3000 psi working pressure. See Exhibit "E".
6. Mud Program: See Form 9-331C.
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 planned.		
Logging:	FDC/CNL	Surface Csg. to T. D.
	Dual Ind. Laterolog	Surface Csg. to T. D.
	MSFL	Surface Scg. to T. D.

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: November 20, 1981.  
Anticipated completion of drilling operations: Two weeks.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Artesia, NM 88210  
NM OIL CONS. COMMISSION  
Drawer DD  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-38626

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pecos River Fed.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 23-T9S-R25E

12. COUNTY OR PARISH 13. STATE

Chaves

N.M.

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

McClellan Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Dr. 730 Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below)  
At surface 1650' FSL & 1980' FWL

14. PERMIT NO.

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

3533' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed new access road on the original Surface Use Plan to be changed.  
See Addendum to the Surface Use Plan for the location of the new proposed access road.

18. I hereby certify that the foregoing is true and correct

SIGNED

*George L. Smith*

TITLE

Agent for:

McClellan Oil Corporation

DATE November 10, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ADDENDUM

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
1650' FSL & 1980' FWL, Sec. 23-T9S-R25E  
Chaves County, New Mexico  
Lease No.: NM-38626  
(Exploratory Well)

McClellan Oil Corporation is submitting the following changes in the Multi-Point Surface Use and Operations Plan previously submitted:

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a BLM Color Quad map showing the well location as staked. Exhibit "B" is a drawing showing the sections that the existing Texas-New Mexico Pipeline road crosses enroute to the section where the proposed location is staked. The well is approximately 20 miles east of Roswell, New Mexico with approximately 10 miles of U. S. Highway 380 east of Roswell and 10 miles of existing dirt and gravel access roads. The new access road will be approximately .4 mile in length.
- B. Directions: Travel east of Roswell on U. S. Highway 380 for approximately 10 miles turning north (left) at the Bottomless Lakes turnoff, which is on the south side of the highway. Follow the gravel north, turning northeast at the National Guard complex. Take the left hand fork at the next "Y" turning north. At the next fork in the road take the right hand road. This will take you behind the McCrea ranch house (east); cross a cattleguard turning to the northwest. This road intersects another dirt road headed north. The gate to the Texas-New Mexico Pipeline road is just 200' to the northwest of this intersection. It will be 2.9 miles to the start of the proposed new access road. See exhibit "B" for the directions from this first gate.

2. PLANNED ACCESS ROAD:

- A. Length and Width: The new access road will be 12 feet wide (20' ROW) and approximately 2,000 feet long, from the point of origin at the pipeline road to the southwest corner of the drillsite pad. The new access road is labeled and color coded in red on Exhibit "A" and "B" and has been flagged.
- B. Construction: The new road will be constructed by grading and topping with compacted caliche and the surface will be properly drained.
- C. Turnouts: There will be at least two turnouts, which will increase the road width to 20 feet for passing.
- D. Cuts and Fills: There will be some cutting of 3 - 5 foot sand dunes in two places west of the location.
- E. Gates, Cattleguards: None will be required on the new access road, but three will be required on the existing pipeline road.

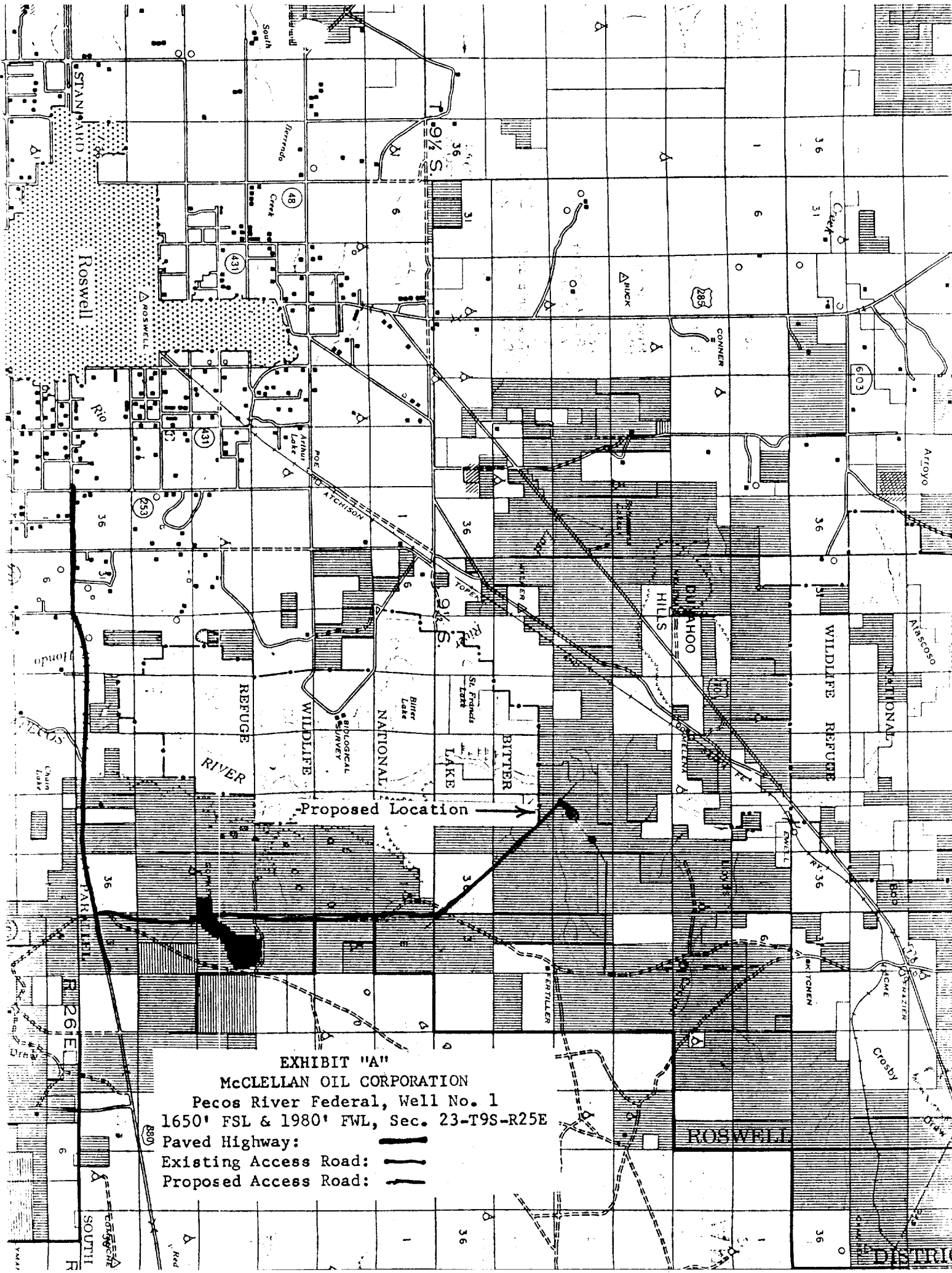





EXHIBIT "A"  
McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
1650' FSL & 1980' FWL, Sec. 23-T9S-R25E  
Paved Highway:   
Existing Access Road:   
Proposed Access Road: 

95, R 25 E - CHAUDS COUNTY  
MC CREA RANCH

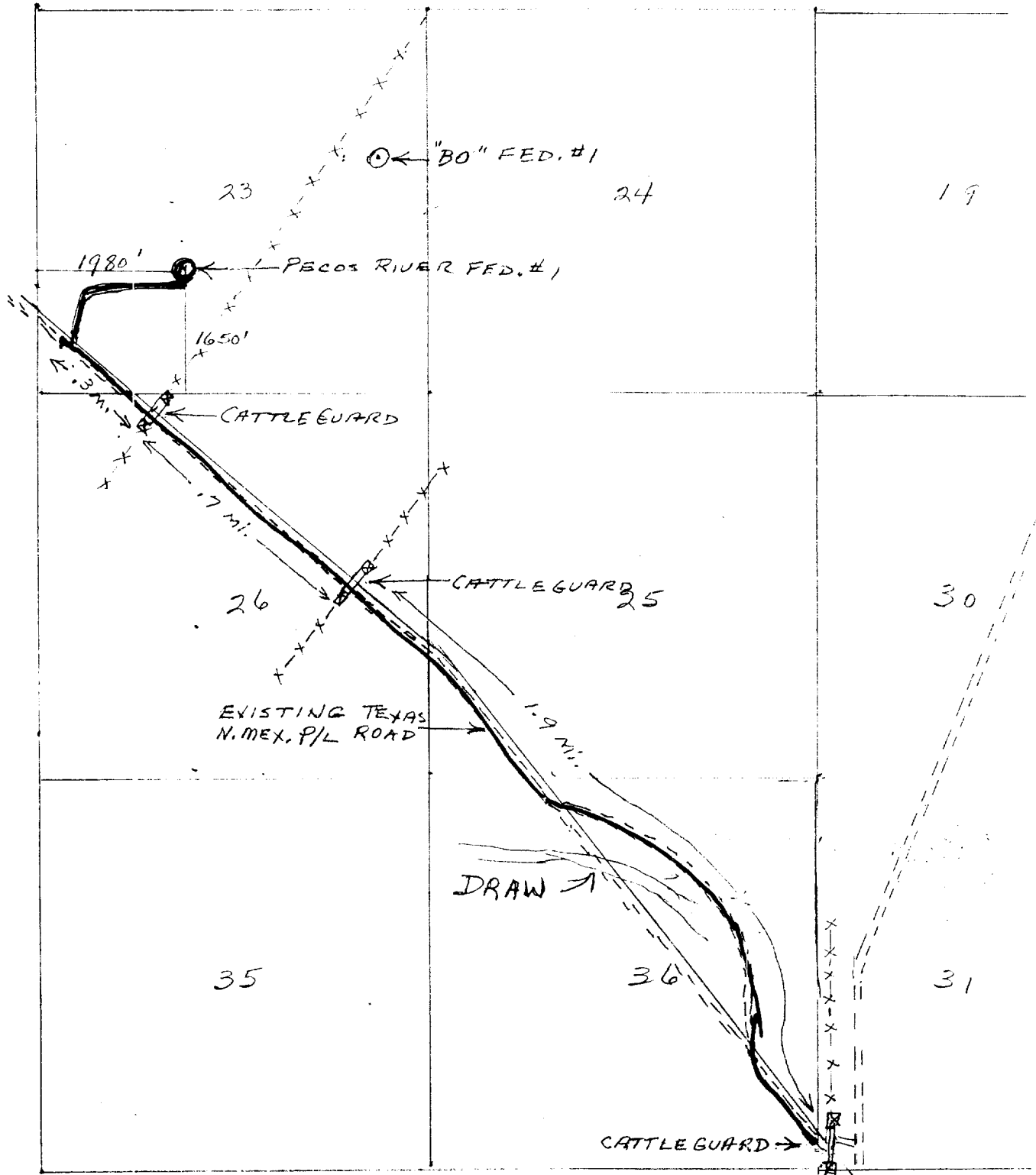


EXHIBIT "B"  
McClellan Oil Corporation  
Pecos River Federal, Well No. 1

McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
1650' FSL & 1980' FWL, Sec. 23-T9S-R25E  
Chaves County, New Mexico  
Lease No.: NM-38626  
(Exploratory 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 after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operations.

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a BLM Color Quad map showing the well location as staked. Exhibit "B" is a portion of a USGS topo map also showing the location of the well and the new access road as staked. The well is approximately 23 miles northeast of the U. S. Highway 285/70 "Y" north of Roswell, New Mexico. Approximately 14 miles will be U.S. Highway 70 and 9 miles of existing ranch/oil field road. The new access road will be approximately .6 mile.
- B. Directions: Travel approximately 14 miles northeast of the U. S. 285/70 "Y" on U. S. Highway 70. Just past the old rock Frazier school house at Acme, turn right onto dirt road crossing the railroad tracks .4 mile south of the highway. Continue past the old Kitchen's ranch house on the left, crossing a cattleguard with a locking bar gate. Continue on the main road south taking the right (west) fork of the road about 3-4 miles in, and will have a McCreary ranch sign on this fork. This road continues south crossing a cattle guard on the north side of Lloyd's Canyon and one on the south side. A Transwestern pipeline crosses the road (east to west) 1.2 mile south of the last cattleguard. An oilfield road starts at this point and heads west through a cattleguard for 2.5 miles to the McClellan Oil Corporation, "BO" Federal, Well No. 1. The new proposed access road will start on the southwest corner of this drillsite location.

2. PLANNED ACCESS ROAD:

- A. Length and Width: The new access road will be 12 feet wide (20' ROW) and approximately 3,500 feet long, from the point of origin at the "BO" Federal, Well No. 1 drillsite pad, to the corner of the proposed drilling pad. The new access road is labeled and color coded in red on Exhibit "A" and "B" and has been flagged and staked.
- B. Construction: The new road will be constructed by grading and topping with compacted caliche, where needed. The surface will be properly drained.
- C. Turnouts: There will be at least two turnouts, which will increase the road width to 20 feet for passing.
- D. Culverts: None required. There will be one or two low water crossings.
- E. Cuts and Fills: There will be some cutting of 8 - 10 foot sand just west of the fence as the road leaves the "BO" Federal well.



2. PLANNED ACCESS ROAD:

- F. Gates, Cattleguards: One cattleguard will be required at the fence near the point of origin on the southwest corner of the "BO" Federal Well No. 1 pad.

3. LOCATION OF EXISTING WELLS:

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

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. There are no production facilities on this lease at the present 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.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. It is planned to drill the proposed well with fresh and brine water. The water 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 the surfacing the road and the well site pad will be obtained from an existing pit located on private surface and minerals in the NE $\frac{1}{4}$ , NE $\frac{1}{4}$  Sec. 29-T9S-R26E. The top soil from the location will be stockpiled near the location for future rehabilitation use. No surface materials will be disturbed except for 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 pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are 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 approved disposal system, or separate disposal application will be submitted to the USGS 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. All waste material will be contained to prevent scattering by the wind.

7. METHODS OF HANDLING WASTE DISPOSAL:      cont.....

- 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. ANCILIARY FACILITIES:

- A. None required.

9. WELLSITE LAYOUT:

- A. Exhibit "D" shows the relative location and dimensions of the well pad, reserve pits, and major rig components. The pad and pit area has been staked and flagged.
- B. Mat Size: 210' X 200'.
- C. Cut and Fill: The location will require cutting on the east and filling the west and extra fill on the northwest corner. The surface slopes to the west approximately 10' in 500' with a small arroyo on the north side of the site. This arroyo may require the pits to be located on the east or south instead of the usual north side.
- D. The surface will be topped with compacted caliche and the reserve pit will be plastic lined.

10. PLANS FOR RESTORATION OF THE SURFACE:

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

11. OTHER INFORMATION:

- A. Topography: The land surface in the vicinity of the wellsite is that of rolling sand dunes to the northeast leveling off around the drillsite. There are arroyos cutting through the area as the surface drops off to the river from an elevation of 3630' at the "BO" Federal # 1 to 3533' at the proposed drillsite.
- B. Soil: The topsoil at the wellsite is mostly sand with some clay and is underlain with gypsum that outcrops in some areas.

11. OTHER INFORMATION: cont.....

- C. Flora and Fauna: The vegetative cover consists of native grasses of threeawn, bristlegass, sandburr, fluffgrass and grama along with yucca, mesquite, snakeweed, sage, cacti and other miscellaneous desert flowers and weeds. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove, quail and other birds.
- D. Ponds and Streams: The Pecos River runs within a mile west of this location. No other lakes or ponds are in the area.
- E. Residences and Other Structures: There are no residences or other structures within a mile of the well site.
- F. Land Use: Cattle grazing.
- G. Surface Ownership: The proposed location is on Federal surface and minerals. The proposed access road is also on Federal surface.
- H. There is no evidence of any archaeological, historical or cultural sites in the area. An archaeological survey has been conducted by New Mexico Archaeological Services, Inc., P. O. Box 1341, Carlsbad, New Mexico 88220, and their report will be submitted to the appropriate government agencies.

12. OPERATOR'S REPRESENTATIVE:

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

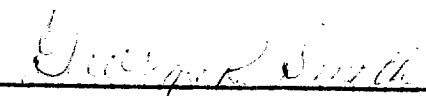
Paul Ragsdale  
601 Moore  
Roswell, New Mexico 88201  
Office Phone: (505) 622-3200  
Home Phone: (505) 623-3940  
Mobile Phone: 623-0989 Unit #4128

Jack McClellan  
3106 N. Montana  
Roswell, New Mexico 88201  
Office Phone (505) 622-3200  
Home Phone: (505) 622-4076

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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.

October 23, 1981

  
\_\_\_\_\_  
George R. Smith  
Agent for:  
McClellan Oil Corporation

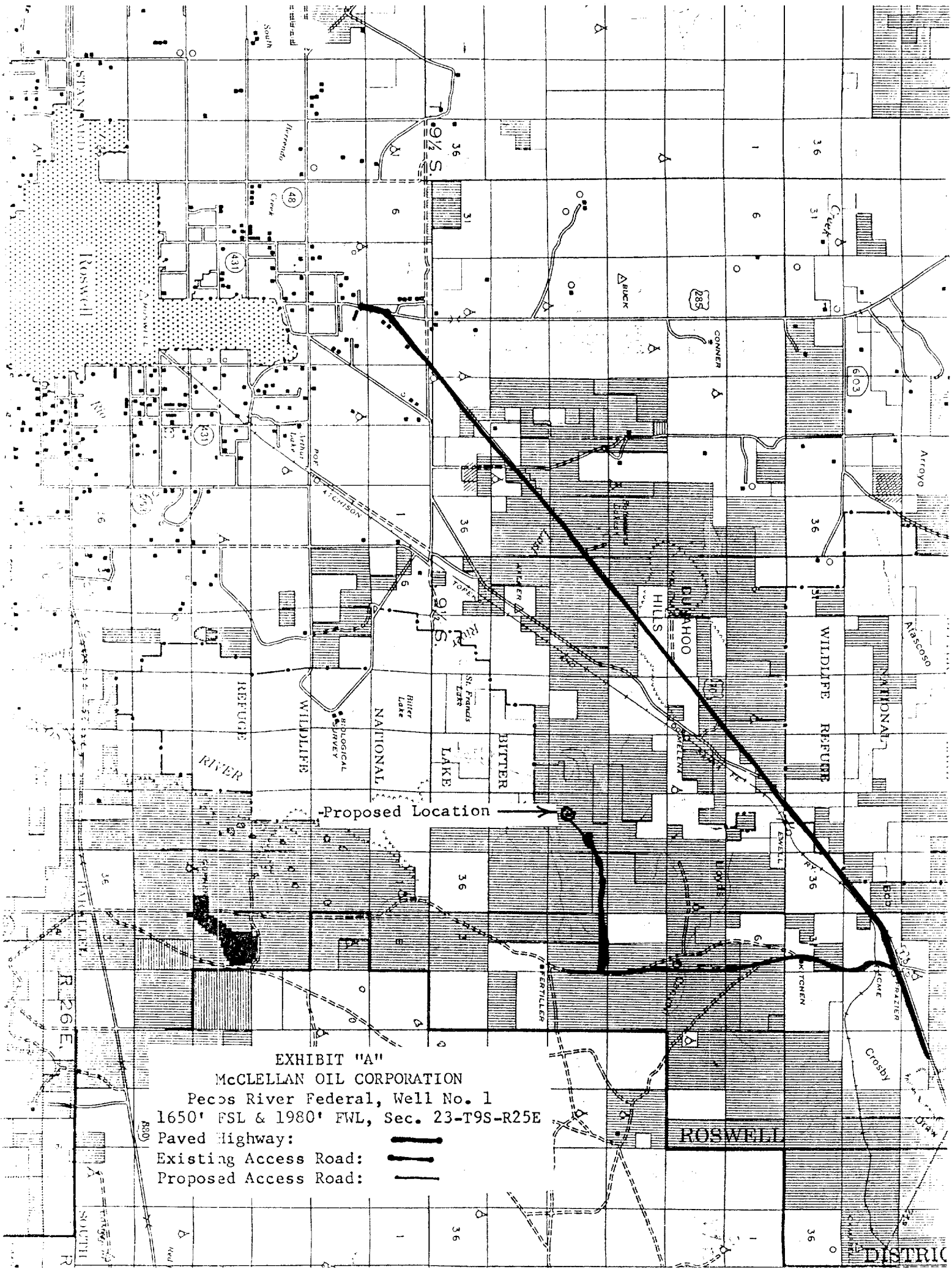



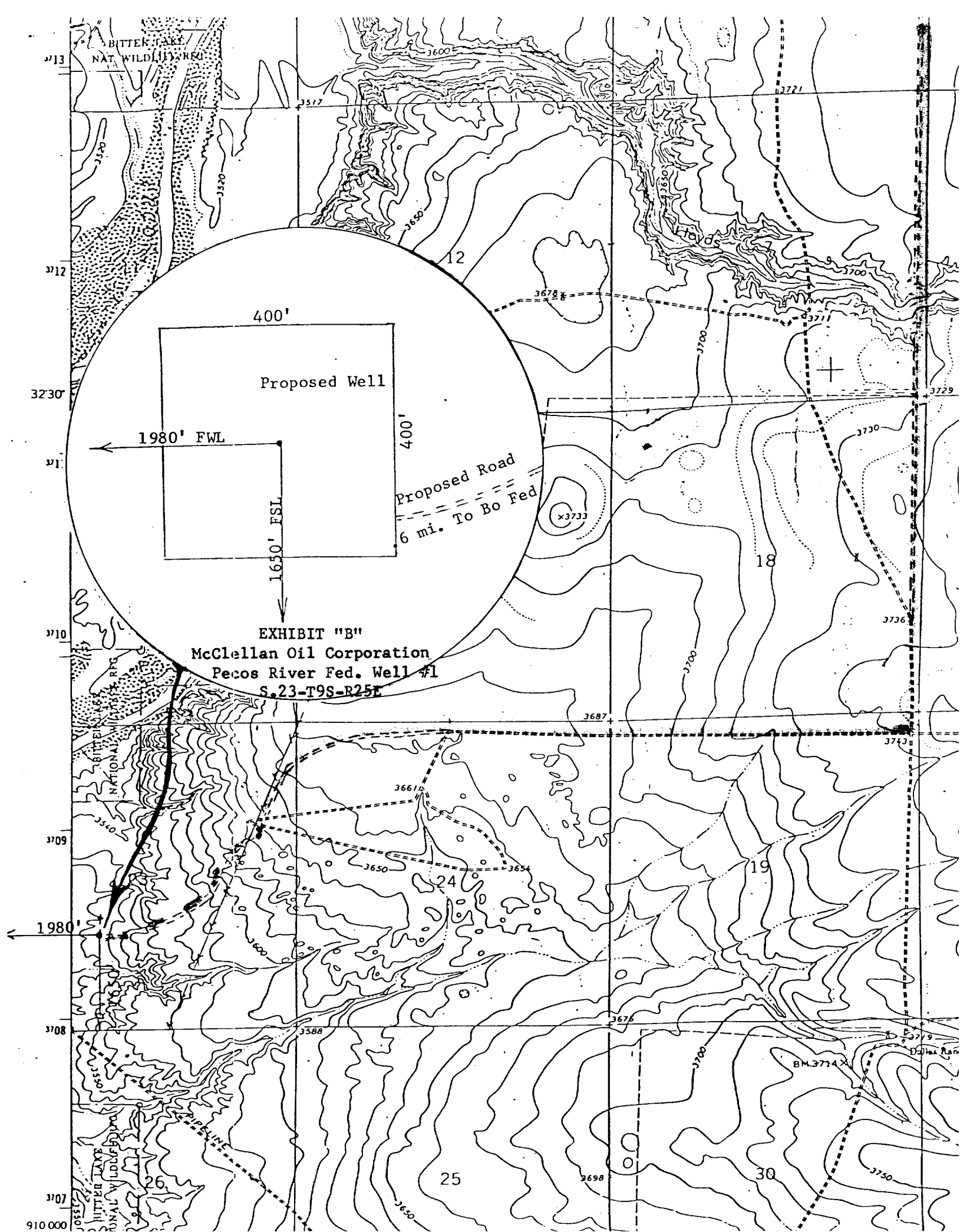


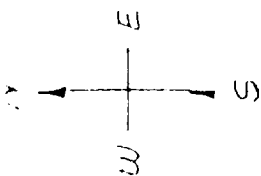
EXHIBIT "A"  
McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
1650' FSL & 1980' FWL, Sec. 23-T9S-R25E  
Paved Highway:   
Existing Access Road:   
Proposed Access Road: 



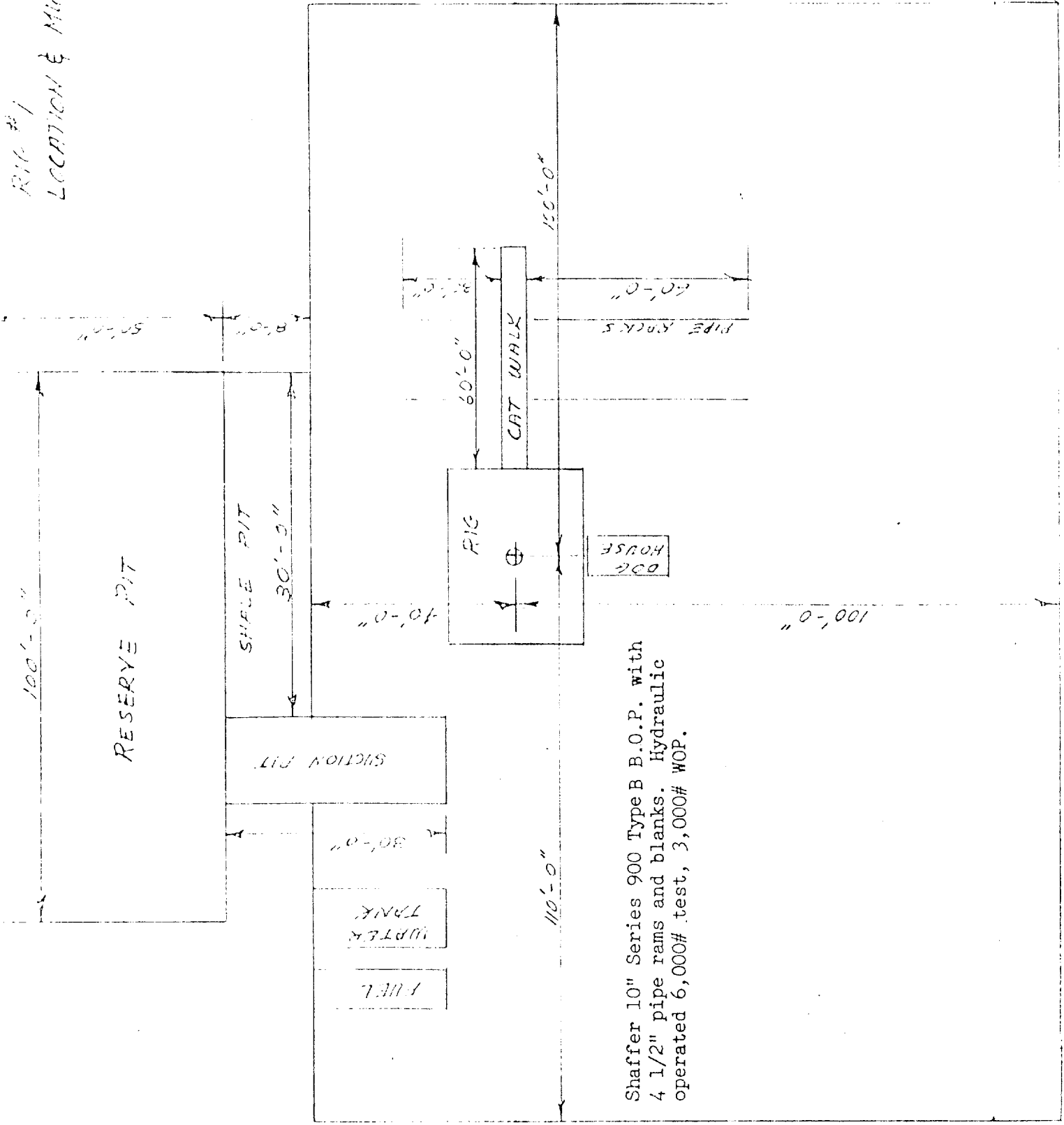
# Lake National Wildlife Refuge

EXHIBIT "C"  
McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
Existing Wells

EXHIBIT "C"  
McCLELLAN OIL CORPORATION  
Los River Federal, Well No. 1  
Existing Wells



RIG #1  
LOCATION & MUD PIT SPECS

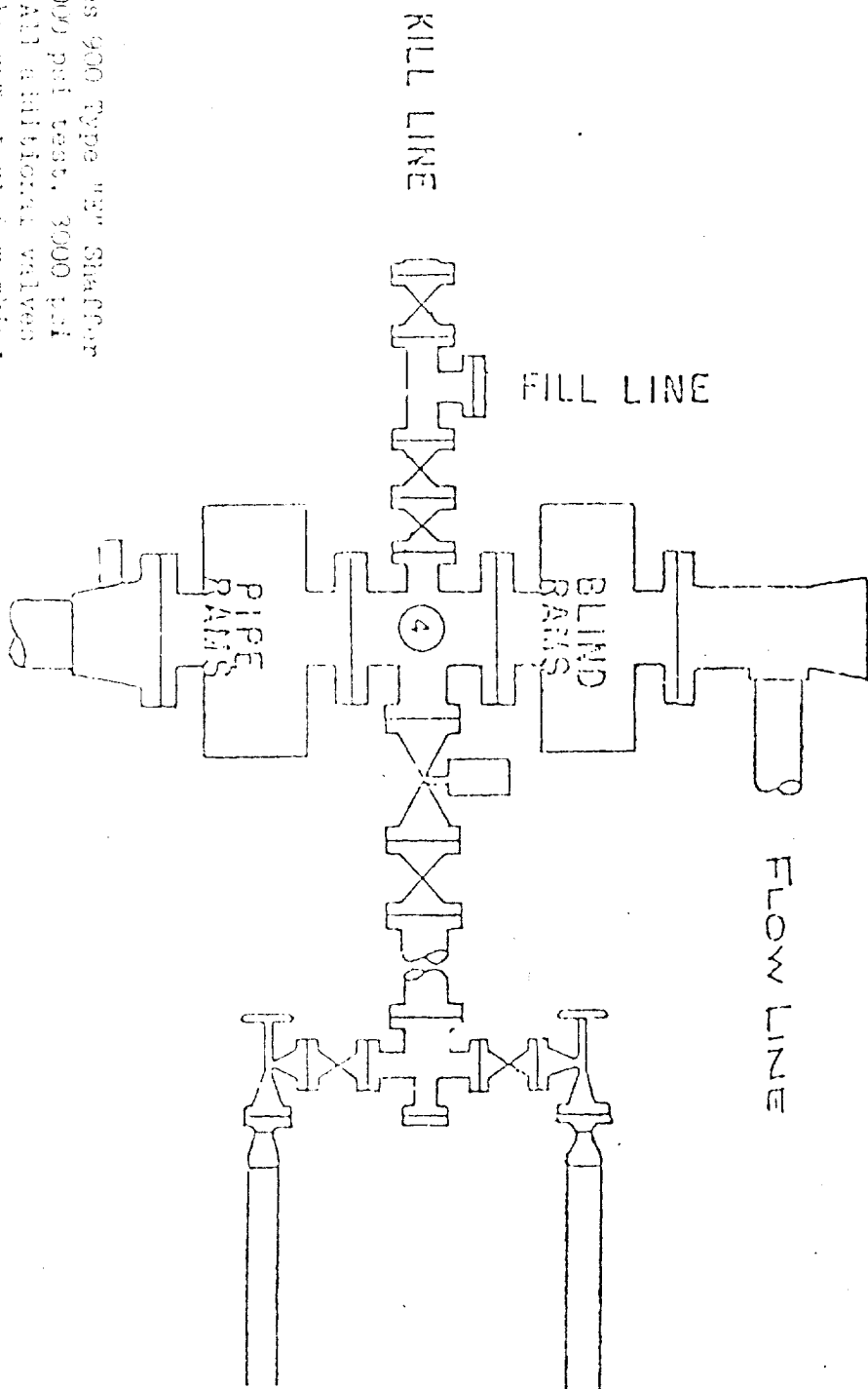


Shaffer 10" Series 900 Type B B.O.P. with  
4 1/2" pipe rams and blanks. Hydraulic  
operated 6,000# test, 3,000# WOP.

EXHIBIT "D"  
McCLELLAN OIL CORPORATION  
Pecos River Federal, Well No. 1  
Rig Layout

# BLOWOUT PREVENTER SPECIFICATION

WEK DRILLING CO., INC. - Rig 1 & 3



BOP's are 10" Series 900 Type "W" Shaffer Double Hydraulic 6000 psi test, 3000 psi working pressure. All additional valves & connections are the same test & working pressure.

EXHIBIT "E"  
 McCLELLAN OIL CORPORATION  
 Pecos River Federal, Well No. 1  
 Blowout Preventer Specification