

NM Oil Cons. Commission  
Drawer DD

Artesia, NM 88210

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*

With instructions on

30-005-60053

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

Stevens Operating Corporation

3. ADDRESS OF OPERATOR

P. O. Box 2408, Roswell, New Mexico 88202

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

At surface

Unit F, 1980' FNL, 1980' FWL, Sec. 22, T13S, R29E ARTESIA OFFICE

At proposed prod. zone

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

18 miles east of Hagerman, New Mexico

15. DISTANCE FROM PROPOSED\*

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

16. NO. OF ACRES IN LEASE

160 (Comm.)

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

10,000±

17. NO. OF ACRES ASSIGNED

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3780' RKB

22. APPROX. DATE WORK WILL START\*

May 30, 1991

23. 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"	48#	274'	350 sxs
12 1/2"	9 5/8"	32.3#	2327'	2100 sxs
8 7/8" & 7 7/8"	5 1/2"	17#	10,000±'	Suff. for 2000' above TD Suff for DV tool @ 1700' to 174' or surface.

Propose to reenter this dry hole, attempt clean out to TD then drill into Devonian sufficient to test, to a TD of 10,000'±. In the event production is obtained, casing will be run and completion attempted. In the event of water in the Devonian, casing will be run and the well will be converted into a saltwater disposal well in the Devonian under the rules of the New Mexico Oil Conservation Division. Blowout preventer program attached.

Former: Pan Am. Ref. Corp.  
M. King Camp W. #1-F  
OTD-9313  
PXA-12-13-68

Post ID-1  
6-7-91  
Re-entry + API

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

Bcl Lauer

TITLE Superintendent

DATE 5/1/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

/s/ Sandra L. Allen

TITLE

Area Manager

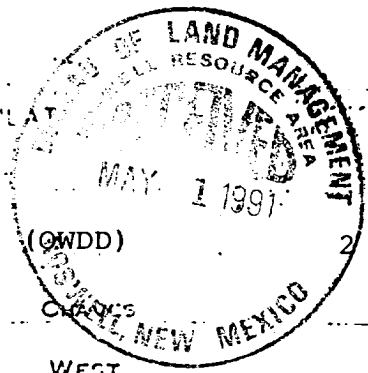
DATE

MAY 30 1991

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

MINERAL OIL CONSERVATION FORMS  
WELL LOCATION AND ACREAGE DEDICATION PLAT



Stevens Operating Corporation      McClellan Federal (OWDD)

F      22      13 South      29 EAST

1980      NORTH      1980      WEST

Devonian      Undesignated      160\*

Outline the acreage dedicated to the subject well by colored pencil or ballpoint pen on the plat below.  
\*subject to OCD Approval prior to spud date, case to be held May 16, 1991 for  
if more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working  
interest and royalty).

160 acre spacing.

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated,  
communitization, unitization, forced-pooling, etc?

Yes      No      If answer is "yes," type of consolidation      Communitization

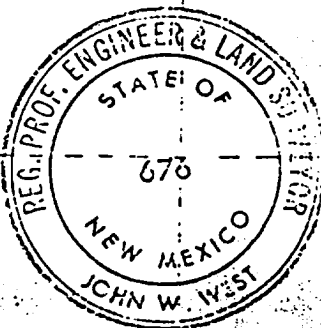
If answer is "no," list the owners and tract descriptions which have actually been consolidated (on reverse side of  
this form if necessary.)

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.

STATE LG9809  
80 Acres

1980  
80 Acres

FED NM 2824



CERTIFICATION

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

(Orig. well)

AREA SUPERINTENDENT

PAN AMERICAN PETROLEUM CORPORATION

*Bob Farmer*  
Bob Farmer, Superintendent  
Stevens Operating Corp.

5/1/91  
I hereby certify that the 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.

AUGUST 7, 1963

*John W West*

SURFACE USE PLAN  
FOR  
DRILLING, COMPLETING AND PRODUCTION  
STEVENS OPERATING CORPORATION

Well #2 McClellan Federal Com  
1980' FNL, 1980 FWL, Sec. 22, T-13-S, R-29-E  
Chaves County, New Mexico



LOCATED: 18.0 miles East of Hagerman, NM

FEDERAL LEASE NUMBER: NM 2824

LEASE ISSUED: August 1, 1967

RECORD LESSEE: McClellan Oil Corporation

OPERATOR'S AUTHORITY: Farmout from Lessee

BOND COVERGE: Stevens Operating Corporation Statewide Bond

ACRES IN LEASE: 2360

SURFACE OWNERSHIP: U.S.A.

WELL SPACING: 160 acre spacing Order to be received by spud date

EXHIBITS:

- A. Portion of Chaves County Road Map
- B. Portion of Connor Well Topo Map
- C. Portion of U.S.G.S. Lease Map No. 80
- D. Sketch of Well Layout
- E. Surface Agreement

## Road Log to the McClellan Federal Com #2

Starting Point is 19 miles East of Pecos River Bridge on Hwy. 31, East of Hagerman, New Mexico. This point is at mile post 20.5, where Jemina Road intersects with Hwy. 31.

- 0.0 Turn left (North) on Jemina Road and proceed in a Northerly and then Westerly direction for a total of 2 miles.
- 2.0 Turn right (North) on Teresa Road and proceed for 6.5 miles to the McClellan Federal Com #2.
- 8.5 McClellan Federal Com #2 drillsite.
1. Existing Road: Existing roads which lead to the proposed drillsite are shown on Exhibits "A" and "B". Existing road from road log 7.5 to 8.5 will be upgraded.
2. Proposed New Road: There will be no new road construction.
3. Location of Existing Facilities: Existing wells in the vicinity of the proposed drillsite are shown on Exhibit "C".
4. Location of Proposed Facilities:
  - A. If the proposed well is productive, production and storage facilities will be located on the new well pad.
  - B. Gas and oil flowlines leaving the location pad will be buried a minimum of 12" deep.
5. Location and Type of Water Supply:
  - A. Water for leasehold operations will be purchased from the nearest commercial source (Abo 5).
6. Source of Construction Materials: Where possible, material-in-place will be used for upgrading the road and construction of the well pad. If additional material is required, it will be obtained from the nearest commercial source, a federal pit located in Sec. 22, T-13-S, R-29-E.
7. Method of Handling Waste Disposal:
  - A. Drill cuttings will be disposed of in the drilling pits.

- B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
  - C. Water produced during test will be disposed of in the drilling pits.
  - D. Plastic lining of the pits will be removed before reclaiming the pit area.
8. Ancillary Facilities: None anticipated.
9. Wellsite Layout:
- A. The wellsite will be kept within the confines of the original location.
  - B. The dimensions and relative location of the drill pad, mud pit and trash pit with respect to the well bore are shown on Exhibit "D".
  - C. The existing well pad is level.
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 as aesthetically pleasing condition as possible.
11. Other Information:
- A. Topography: The wellsite elevation is 3780' RKB.
  - B. Soil: Top soil is sandy and gyppie loam.
  - C. Flora & Fauna: The vicinity surrounding the drillsite is semiarid desert ranchland. Flora consists primarily of mesquite and range grasses interspersed with other desert plants. Fauna for this type of habitat includes rabbits, lizards, snakes, rodents, skunks, coyotes, dove, quail, and the Lessor Prairie Chicken.
  - D. Ponds and Streams: The closest source of permanent water would be the Pecos River, approximately 17 miles to the West.
  - E. Residences and Other Structures: Nearest occupied dwelling is 5.0 miles to the Southwest.

F. Archaeological, Historical and Other Cultural Sites: It was determined by BLM Officials that an archaeological reconnaissance of the well pad will not be necessary as long as all activities are within the confines of the boundary of the original location.

G. Land Use: Grazing and occasional hunting.

H. Surface Owner: U. S. A.

12. Operator's Representative: Representative responsible for assuring compliance with the approved Surface Use Plan:

Bob Farmer  
Production Superintendent  
1250 United New Mexico Plaza  
Roswell, New Mexico 88201  
Office Phone: (505) 622-7273  
Home Phone: (505) 625-9376

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 STEVENS OPERATING CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

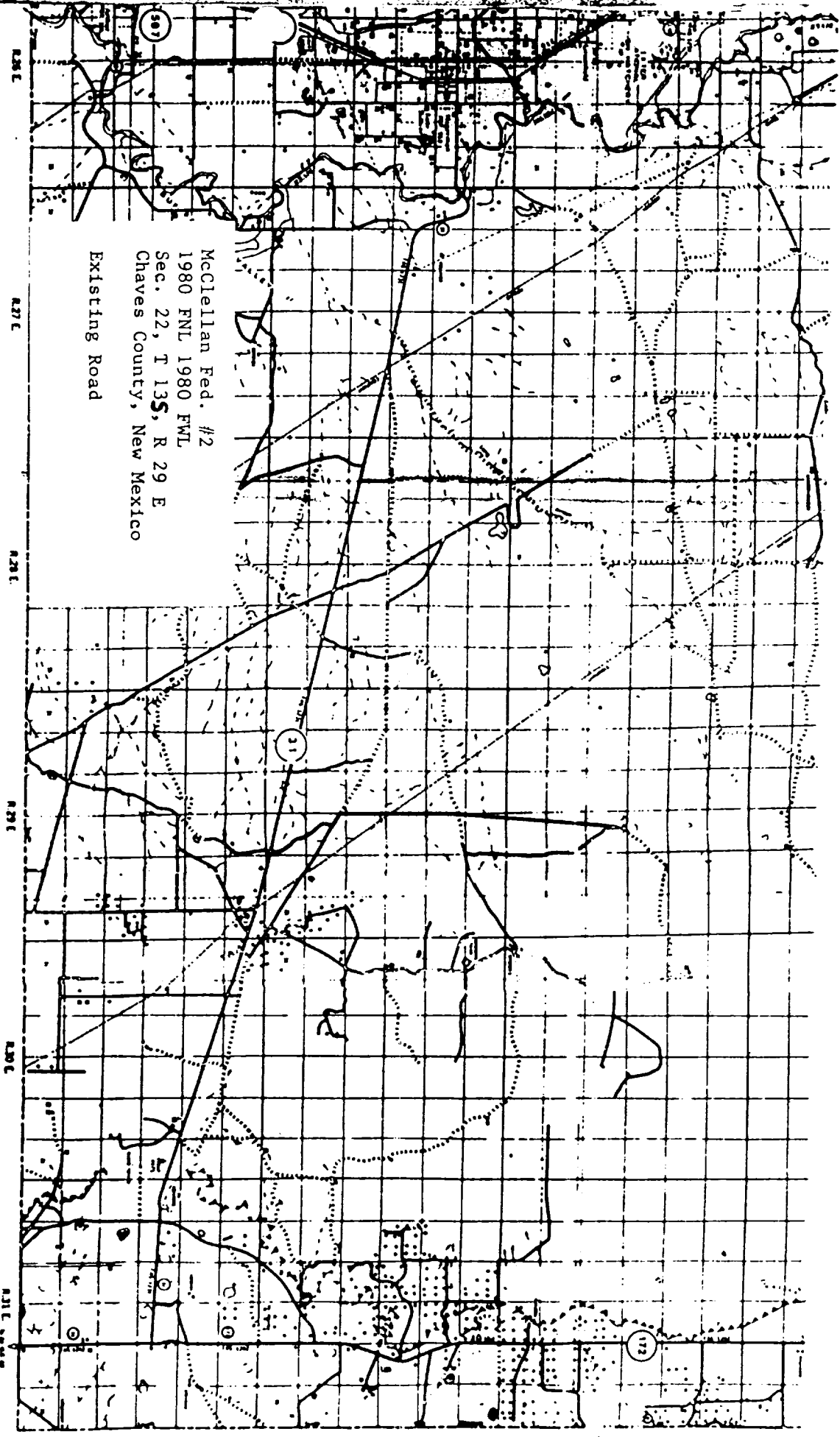
5-1-91

Date

Bob Farmer

Bob Farmer  
STEVENS OPERATING CORPORATION

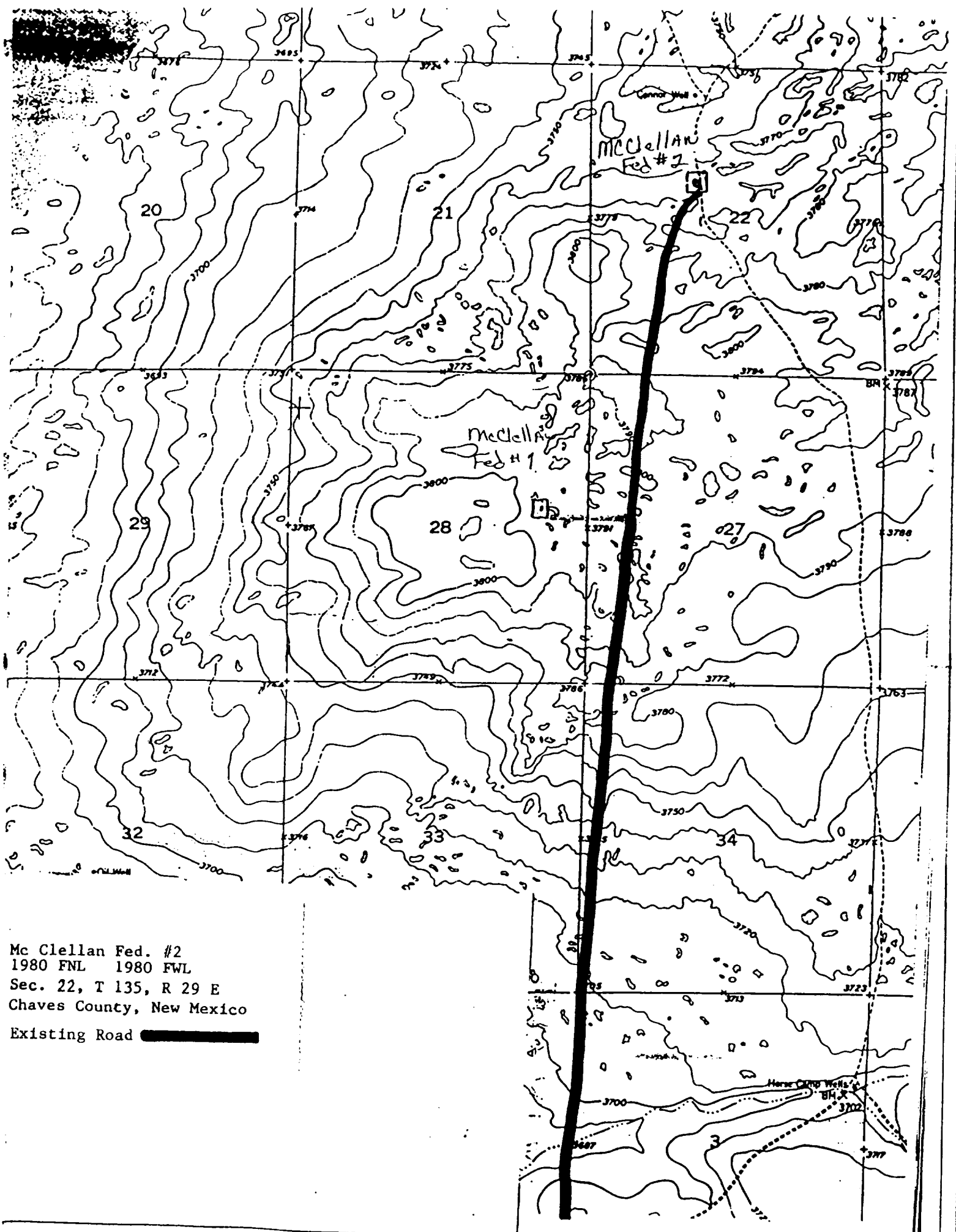
McClellan Fed. #2  
1980 FNL 1980 FWL  
Sec. 22, T 13S, R 29 E  
Chaves County, New Mexico  
Existing Road



R29E R27E R25E R23E R21E R29E R27E R25E R23E R21E

C O U N T Y

1135 1145 1155





5	4	3	2	1	6
Enserch 11-1-93 63735	Enserch 11-1-93 63735	Enserch 11-1-93 63735	Enserch 11-1-93 63735	Enserch 11-1-93 63735	Enserch 11-1-93 63735
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
8	9	10	11	12	13
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
17	16	15	14	13	12
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
20	21	22	23	24	25
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
29	28	27	26	25	24
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.
32	33	34	35	36	37
U.S.	U.S.	U.S.	U.S.	U.S.	U.S.

Mc Clellan Fed. #2  
1980 FNL 1980 FWL  
Sec. 22, T 13S, R 29 E  
Chaves County, New Mexico  
Formerly North King Camp Fed.  
Unit Well #1



# RIG 10 6,000' - 11,400'

P.O. Box 1860 • Hobbs, New Mexico 88241 • 505/397-3511 • 800/922-3745

## DRAWWORKS

Mid Continent U-36A 650 H.P.  
Drum: 1 1/8" Lebus grooved  
Compound: 2-engine oil bath chain drive  
Brake: Hydromatic Parkersburg 22" Double  
Satellite Automatic Driller  
Duo-O-Matic Crown Block Protector  
Taton Weight Indicator

## ENGINES

Two 410-H.P. D353TA Caterpillar Diesel  
with Torque Converter

## DERRICK

Lee C. Moore, 127' 450,000 lb. rated capacity.

## SUBSTRUCTURE

Lee C. Moore, 15' high 550,000 lb. rated capacity.

## MUD PUMPS

Pump No. 1: Emaco DB550 550 H.P. with steel fluid end  
4 3/4" - 7 3/4" liners, 16" stroke. Powered by D379  
Caterpillar.  
Pump No. 2: Ideal C-250 driven by D353 Caterpillar.

## DRILL STRING

3,000' 4 1/2" Grade E, 20-lb.  
8,500' 4 1/2" Grade F, 10 60-lb.  
Tool Joints: 4 1/2" XH, 8 1/4" OD.  
Twenty-Seven drillcollars 6 1/2" OD, 2 1/4" ID.  
Twenty-One 8" OD x 2 1/2" ID Drill Collars  
Other sized drillpipe and drillcollars available.

## BLOWOUT PREVENTERS

One Shafter LWS hydraulic double 11" x 3,000 p.s.i. One  
Hydri 11" x 3,000 p.s.i. Annular. Choke manifold 4" x  
3,000 p.s.i. flanged connections. Kookey 6-station  
accumulator closing unit with remote control.

## MUD SYSTEM

Three 30' x 7 1/2' x 8' steel pits with 700-bbl capacity and  
one 250-bbl slug pit. Complete low pressure circulating  
system, consisting of four submerged mud guns and two  
countersunk jets in each pit. System utilizes a 6 x 8  
centrifugal pump, powered by diesel.

## MUD HOSE

One 8' x 30' Steel Storage House.

## COMMUNICATIONS

24-hour direct telephone interconnection through Hobbs  
(505/393-1111) or 1-800/922-3745

## OTHER EQUIPMENT

BLOCKS. SOWA 250 Ton

HOOK. SOWA 250 Ton

SWIVEL. National N-47 200 Ton

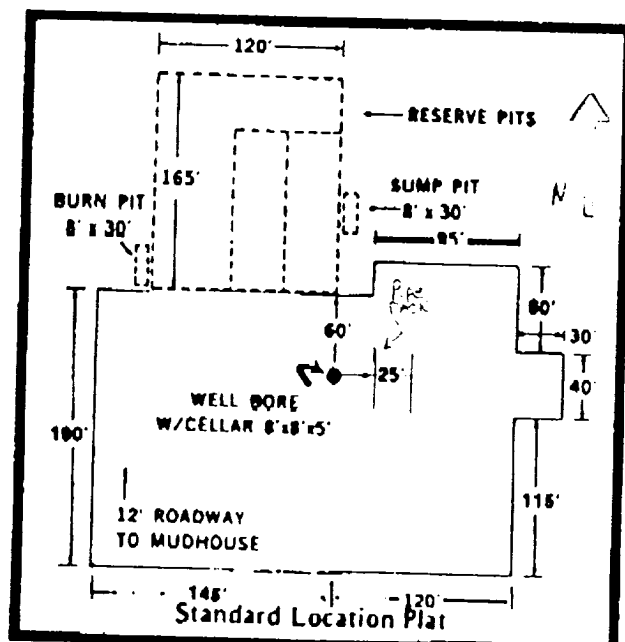
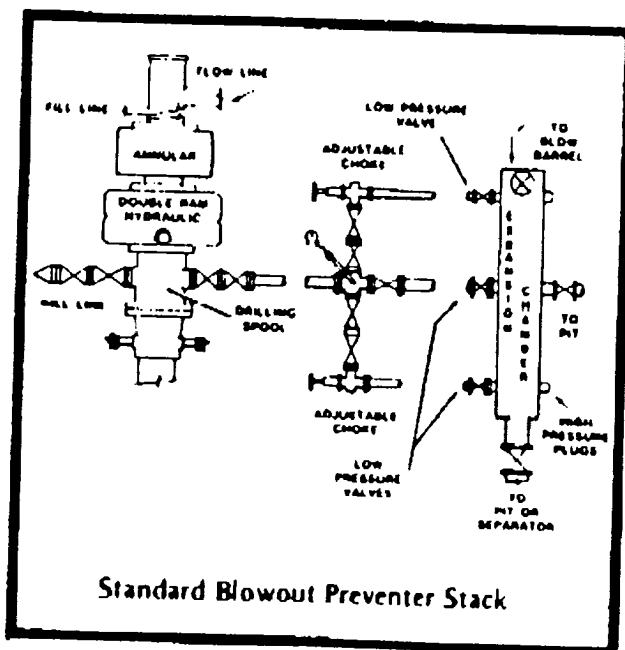
ROTARY TABLE. Oilwell 20 1/2"

SHALE SHAKER. Harrisburg single screen.

ELECTRICAL POWER. Two 90-kw AC Generators  
powered by diesel engines. AC fluorescent or  
mercury vapor lights. All vapor-proof.

FRESH WATER STORAGE. Two 500-bbl horizontal tanks.

HOUSING. One 10' x 44' refrigerated air-conditioned  
house with sleeping and cooking facilities.



SURFACE AGREEMENT FOR - SEC. 22, T-13-S, R-29-E

Records show that the above-described tract of land is owned as follows:

Surface:	U. S. Government
Minerals:	U. S. Government
Oil & Gas Leases:	McClellan Oil Corporation, et al
Designation of Operator:	N/A

Bob Farmer  
Bob Farmer  
STEVENS OPERATING CORPORATION

EXHIBIT "E"

# SUPPLEMENTAL DRILLING DATA

## STEVENS OPERATING CORPORATION

Well #2 McClellan Federal Com  
1980' FNL, 1980' FWL, Sec. 22, T-13-S, R-29-E  
Chaves County, New Mexico

1. SURFACE FORMATION: Alluvium

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS:

San Andres	2275'
Tubbs	5082'
Abo	5898'
Wolfcamp	7100'
Mississippi	9100'
Montoya	9850'

3. ANTICIPATED POROSITY ZONES:

Oil or Water 6650' - 6800'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
13 3/8"	0' - 274'	48.0#			
9 5/8"	0' - 2300'	24.0#	J-55	LTC	New
5 1/2"	1000-8800'	17.0#	J-55	LTC	New
5 1/2"	8800-9800'	17.0#	N-80	LTC	New
	0-1000'	17.0#			

5. SURFACE CONTROL EQUIPMENT: A double Ram-type preventer. A sketch of BOP is attached.

6. CIRCULATING MEDIUM:

0'-5700' Fresh water mud.  
5700'-9800' Salt water mud, conditioned as necessary for control of viscosity and water.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING, AND CORING PROGRAMS: Coring and testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log. 0-TD Dual Lateral Log Shoe to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED DATES: It is planned that drilling operations will commence about May 30, 1991. Duration of drilling and completion operations should be 30 to 40 days.