

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(Other Inst. copies on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-005-61072

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

Fred Pool

3. ADDRESS OF OPERATOR

Box 1300 Clovis Star Rt. Roswell, N.M. 88201

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

At surface

1980 FNL and 1980 FNL Sec. 29 T6S R23E

At proposed prod. zone

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

30 Miles NW Roswell

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LANE, FT.
(Also to nearest city, town, etc., if any)

1980

16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION

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

1 mile

19. PROPOSED DEPTH

4200

20. ROTARY OR CABLE TOOLS

Rotary

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

4059

22. APPROX. DATE WORK WILL START

August 5, 1980

PROPOSED CASING AND CEMENTING PROGRAM

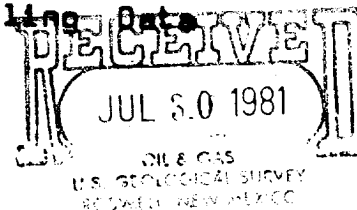
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	54.50 #	30'	Grouted In
12 1/4"	8 5/8"	24 #	1000'	1000 sx circulated
7 7/8"	4 1/2"	10.5 #	4200'	650 sx circulated

Selectively perforate and treat pay zone. Gas is not dedicated to a pipeline. Attached are:

Survey Plat (c-102)

Supplemental Drilling Data

Surface Use Plan



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 prevention program, if any.

24.

SIGNED

TITLE President

DATE July 27, 1980

(This space for Federal or State use)

PERMIT NO. 1980-005-61072-001

GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

AUG 6 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

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

Driller <i>Fred Pool</i>	Operator <i>operating</i> <i>Fred Pool Drilling Co.</i>	Lease <i>Melvin</i> <i>M & M Federal</i>	Well No. <i>#1</i>				
Well Letter <i>F</i>	Section <i>29</i>	Township <i>6 South</i>	Range <i>23 East</i>	County <i>Chaves</i>			
Actual Footage Location of Well:							
1980	feet from the	North	line and	1980	feet from the	West	line
Ground Level Elev. <i>4059</i>	Producing Formation <i>ABO</i>		Pool <i>ind No</i>		Dedicated Acreage: <i>160</i>		Acre

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

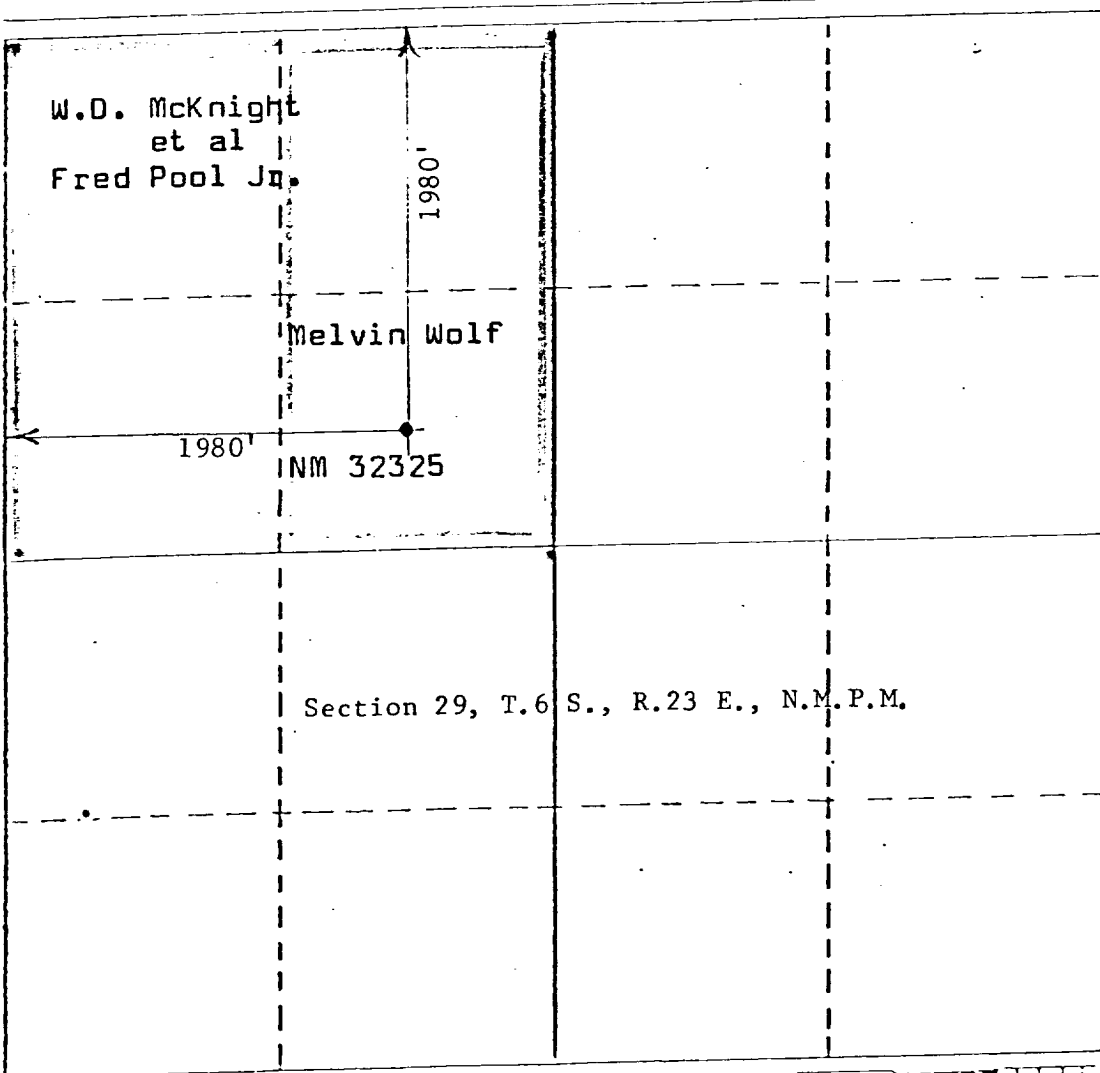
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Acreage to be communized

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 communization, 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.

Name

Landman

Position

Fred Pool Drlg Co.

Company

July 29, 1981

Date

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

July 28, 1981

Registered Professional Engineer and/or Land Surveyor

John D. Jaquess

Certificate No.

6290

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

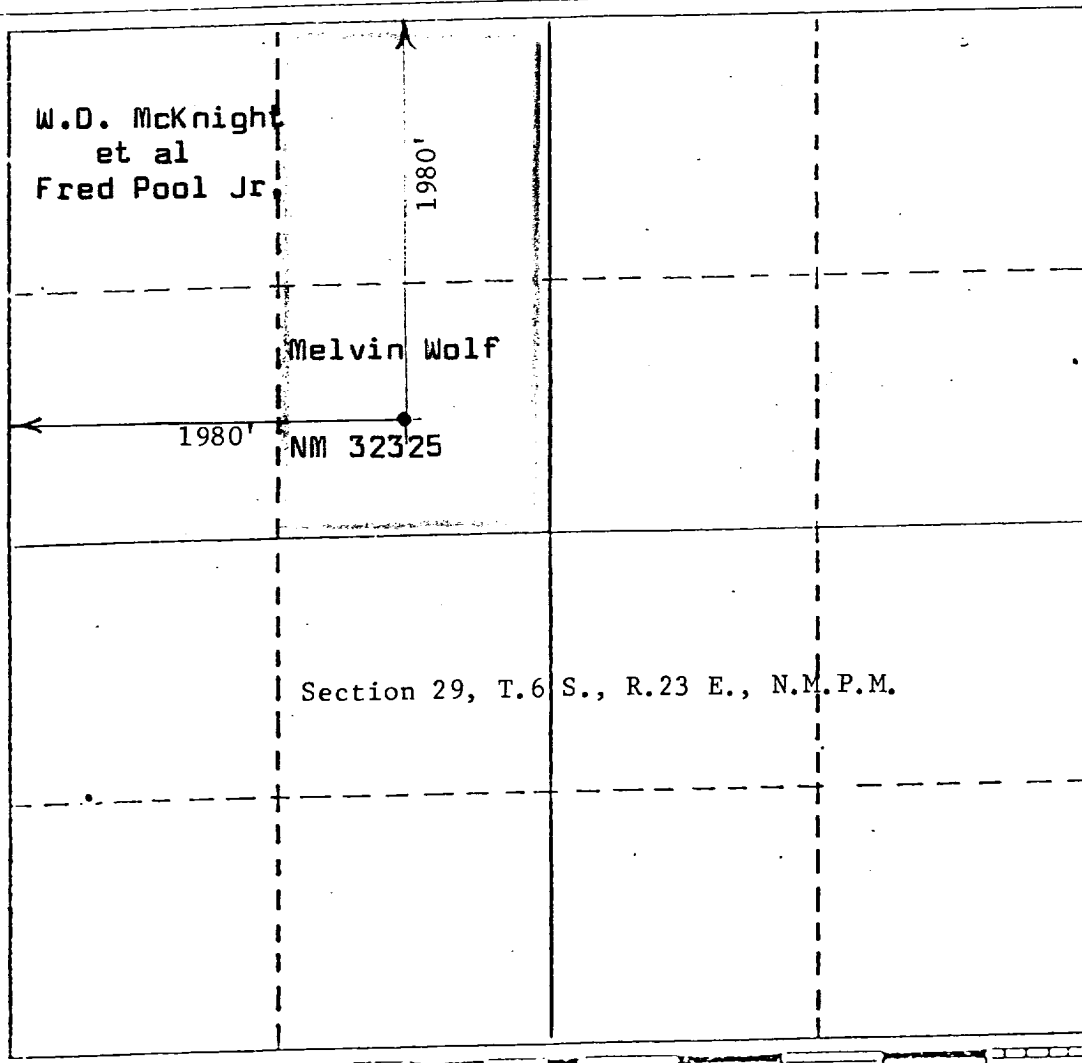
Operator Pool Drilling Co.		Lease M & M Federal Corn		Well No. #2
Unit Letter F	Section 29	Township 6 South	Range 23 East	County Chaves
Actual Footage Location of Well:				
1980 feet from the North		1980 feet from the West		Line
Ground Level Elev. 4059	Producing Formation ABO	Pool Yard	Dedicated Acreage: 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 Acreage to be communitized

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.



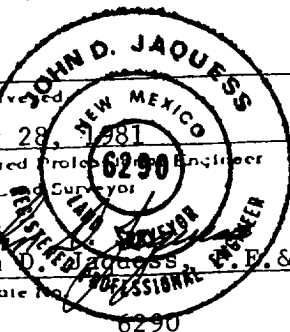
CERTIFICATION

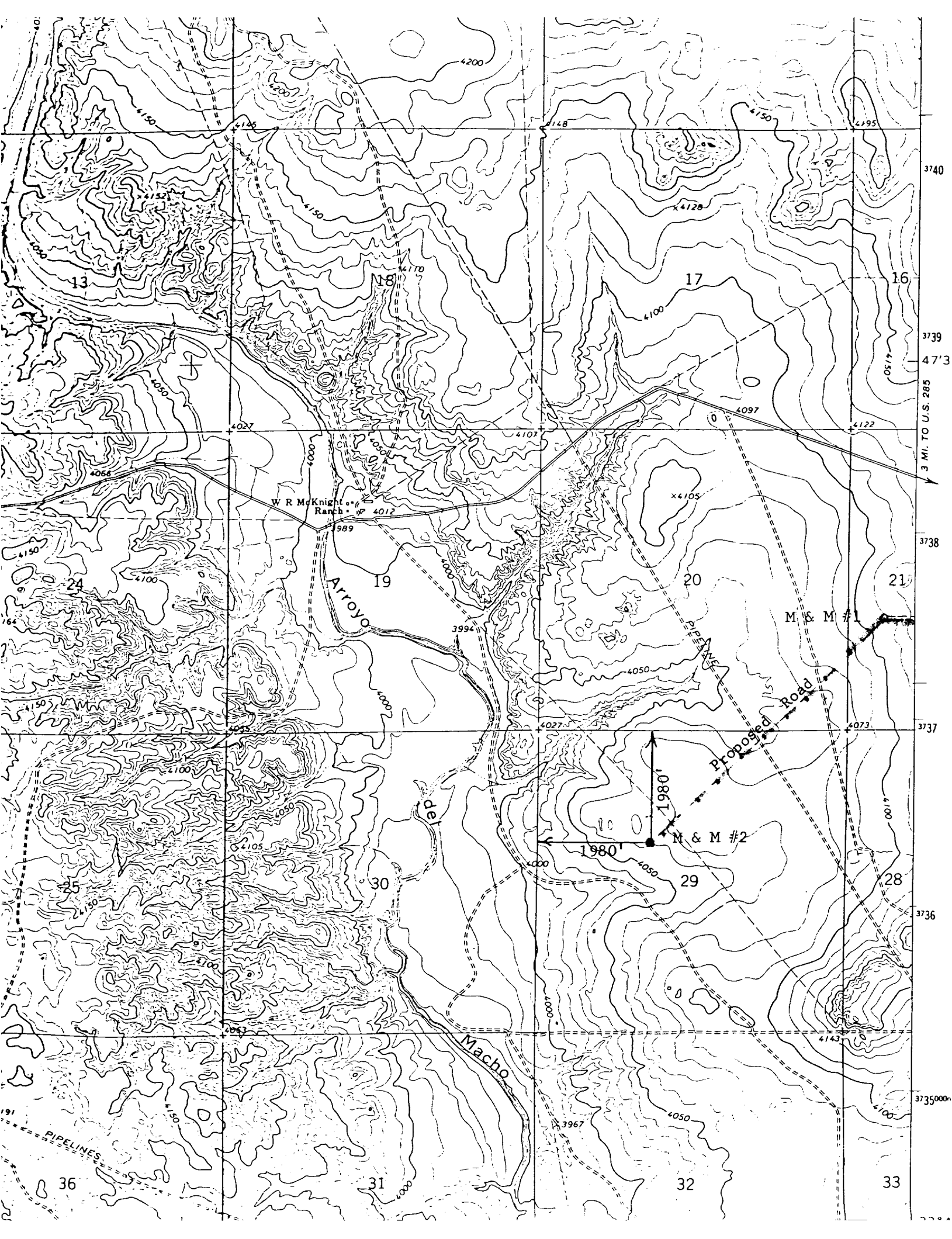
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Landman
Position
Fred Pool Drilg Co.
Company
July 29, 1981
Date

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
July 28, 1981
Registered Professional Engineer and/or Land Surveyor
John D. Jaquess
Certificate No. **6290**





ESTIMATED TOPS

M & M Federal #1

San Andres	Surface
Glorieta	1000'
Tubb	2500'
Abo	3050'
Wolfcamp	3680'

SUPPLEMENTAL DRILLING DATA

Fred Pool Drilling Company
Well #2 M & M Federal
1980FWL 1980 FNL Section 21
Township 6S Range 23E Chaves County, N.M.

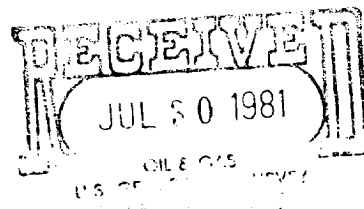
In conjunction with form 9-331C, application for permit to drill subject well, Fred Pool Drilling Company submits the following items of pertinent information in accordance with USGS requirements.

1. Surface Formation: Permian
2. Production Zone: Abo
3. Proposed Depth: 4200'
4. Proposed Casing Program: See Form 9-331C
5. Auxiliary Equipment: Shaffer Double Ram Series 900, BOP to be used.
6. Testing and Logging Program: Surface: Casing to TD
Logging: a) Compensated Neutron Formation Density
b) Dual Laterlog Micro-SFL
c) Computer processed
7. Anticipated starting date: It is planned that operation will commence Aug. 5, 1981.

MULTI-POINT SURFACE USE

AND

OPERATIONS PLAN



Fred Pool Drilling Company
M & M Federal # 2
1980 FWL 1980 FWL Section 29
Township 6S, Range 23E, Chaves County, N.M.

This plan is submitted with Form 9-331C, application for permit to drill. The purpose fo this plan is to describe the location of proposed well, the proposed construction activities, pad, and access roads.

1. LOCATED: 30 Miles N.W. of Roswell
2. FEDERAL LEASE NUMBER: NM 32326
3. RECORD LESSEE: Melvin Wolfe
4. OPERATION AUTHORITY: Designation of operator from record lessee.
5. BOND COVERAGE: \$10,000. Bond of oil & gas, Lessee
6. ACRES IN LEASE: 1120 More or less
7. SURFACE OWNERSHIP: William McKnight
Dunlap Star Route
Roswell, New Mexico 88201
8. WELL SPACING: ABO 160 Acres
9. DIRECTION: Starting point is intersection of Highway 70 and Highway 285 N. of Roswell. Take Highway 285 North 26 miles to Cottonwood Ranch Road Turn West 3.0 miles, turn south to location approximately 2 .5 miles.

10. PLANNED ACCESS ROAD:

- A. See Exhibit "A"
- B. The proposed new access road will be approximately 1 mile in length.
- C. The new road will be 12 feet in width (Driving surface, except at point of origin, adjacent to existing road, at which point enough additional width will be provided to allow heavy trucks and equipment to turn.

11. WATER SUPPLY: Water tanks will be used. Water to be hauled.

12. LOCATION OF EXISTING WELLS: There is no producing well on this lease at the present time.

13. WELL SITE LAYOUT:

- A. The drill site has been surveyed, staked and flagged.
- B. The dimensions of location and pits is shown on attachment "B".

14. PLANS FOR RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operation, 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 wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluid will be fenced until they are filled.

15. PONDS AND STREAMS: None
16. SOURCE ON CONSTRUCTION MATERIAL: Some caliche may be hauled from Federal pit.
17. ARCHAEOLOGICAL REPORT: Archaeological report was preformed by E.N.M.U., July 28, 1981. This report will be submitted to USGS office in Roswell, and the BLM office in Roswell.
18. LAND USE: Grazing and occassional hunting.
19. OPERATOR'S REPRESENTATIVE: Representative responsible for assuring compliance with the approved surface use plan:

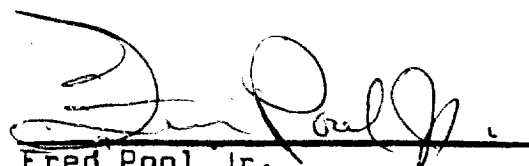
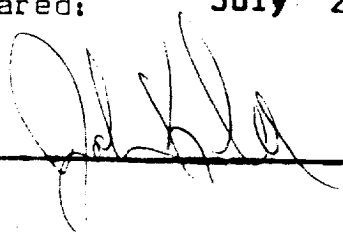
John Klee
Box 1300 Clovis Star Route
Roswell, New Mexico 88201
Phone: (505) 623-8202

20. CERTIFICATION:

I hereby certify that I have inspected the proposed drill site and access routes that I am familar with the conditions which presently exists; 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 FRED POOL DRILLING COMPANY and its subcontractors in conformity with this plan and terms and conditions, under which it is approved.

Prepared: July 28 1981.

by



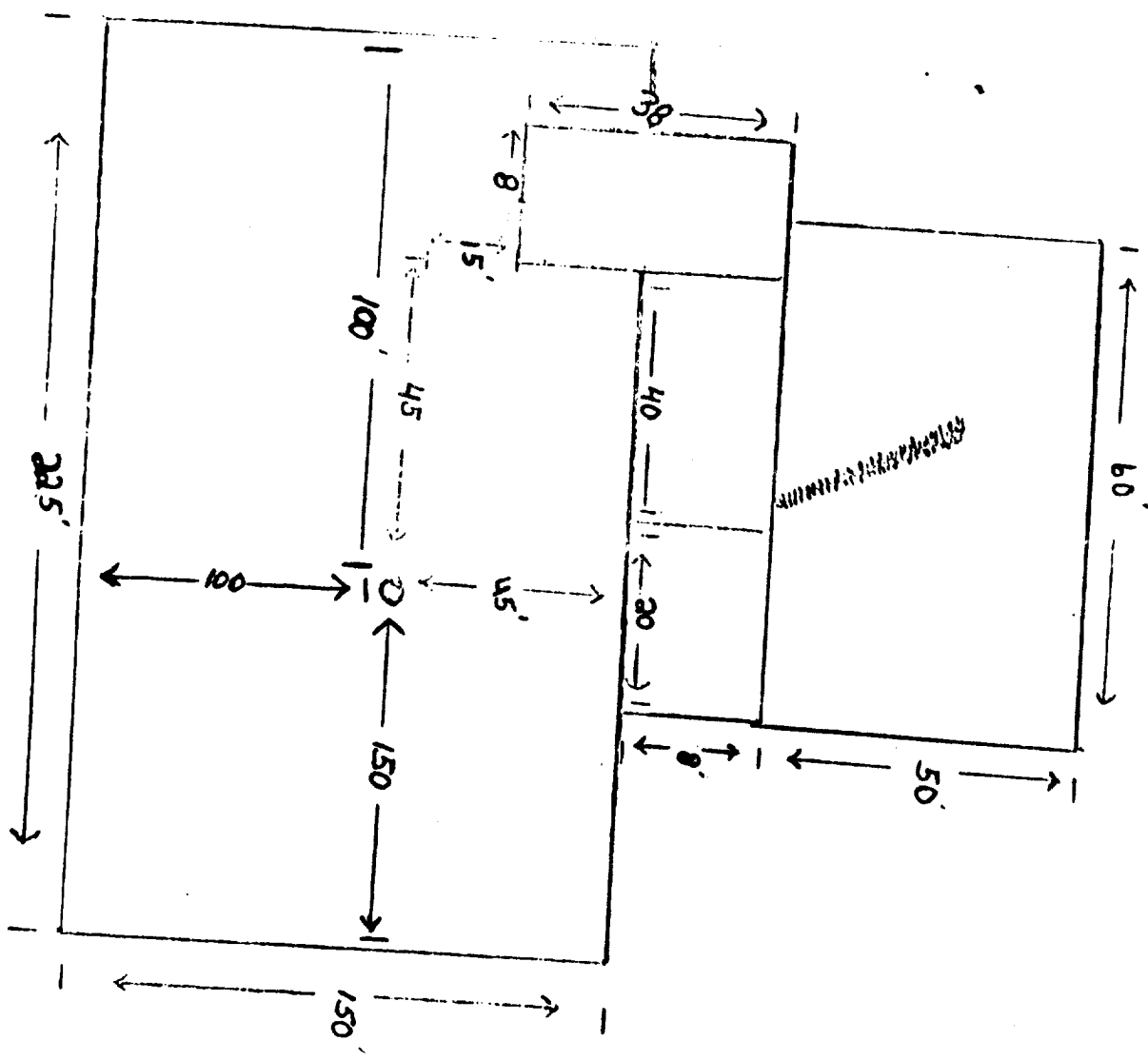
Fred Pool Jr.
FRED POOL DRILLING COMPANY

EXHIBIT H

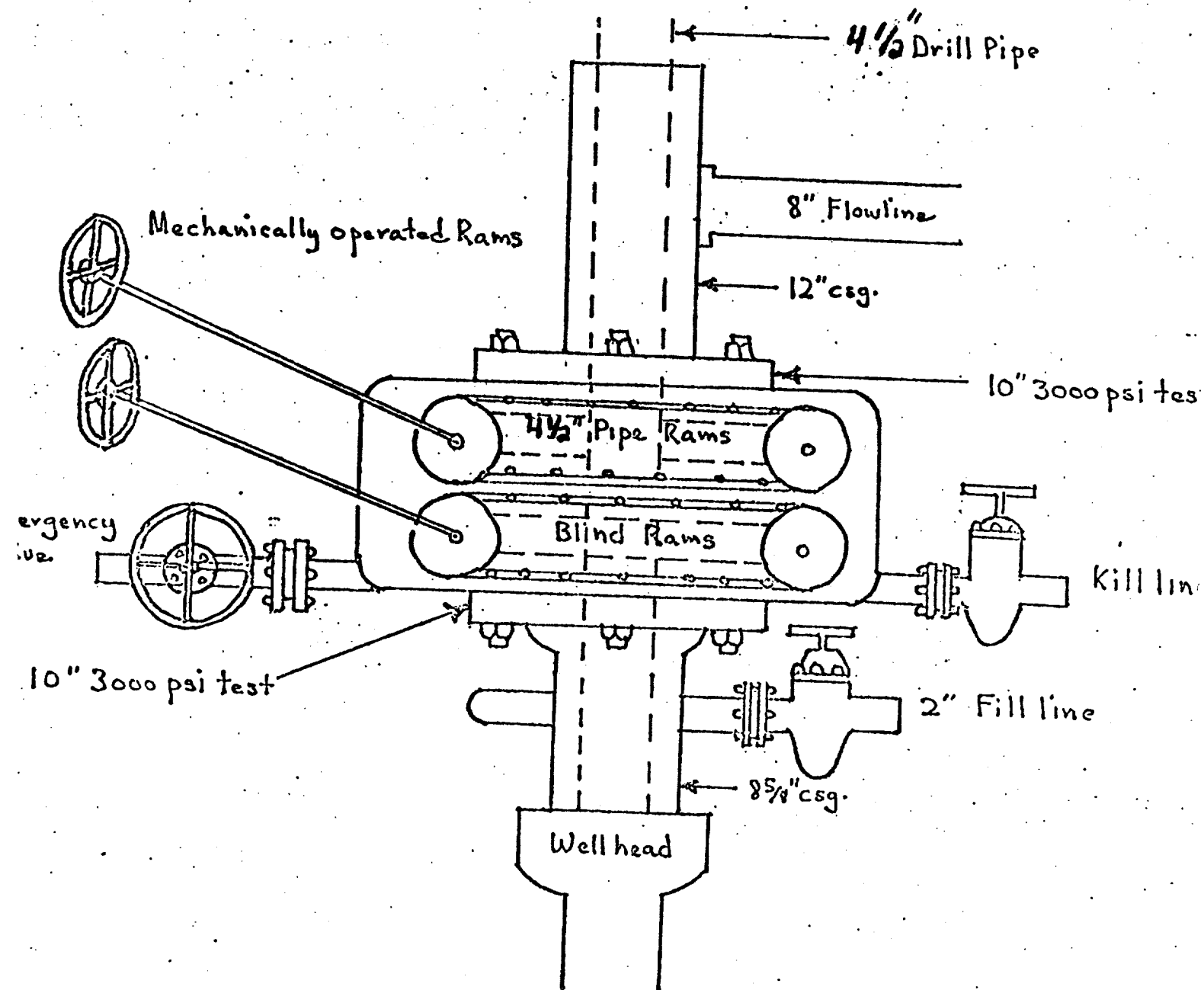
Fred Pool Drilling, Inc.

location plat

Reserve Pits 4 ft. deep
Working pits 5 ft. deep



Blowout Preventer Specifications

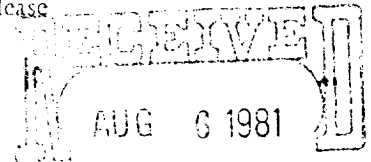


BOP's are Shaffer Double Rams Series 900, 10 inch. mechanically operated. Rated to 3000 psi. Rams consist of one 4 1/2 inch pipe rams and one blind rams. All connections and valves are 3000 psi working pressure.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico
SERIAL No.: NM 32325



and hereby designates

NAME: Fred Pool Jr.
ADDRESS: Box 1300-Clovis Star Route
Roswell, New Mexico 88201

OIL & GAS
GEOLOGICAL SURVEY
NEW MEXICO

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

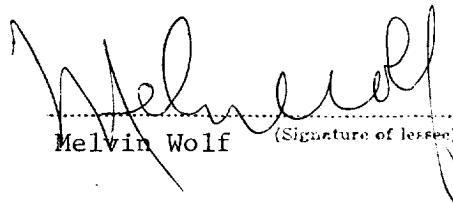
Township 6 South, Range 23 East, NMPM
Section 29: E $\frac{1}{2}$ NW $\frac{1}{4}$

and containing 80.00 acres more or less in
Chaves County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


Melvin Wolf (Signature of lessee)

August 3, 1981

(Date)

P.O. Box 2062, Denver, CO 80201

(Address)