

API # 30-019-20076

IN TRIPLICATE*
Instructions on
verse side)Form approved.
Budget Bureau No. 42-R1425.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EG

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*

HUNT OIL COMPANY

3. ADDRESS OF OPERATOR

2900 First National Bank Building, Dallas, TX 75202

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

At surface

500' FSL 350' FWL Sec. 28-7N-21E

At proposed prod. zone

Same

SWSW
M

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

13 Miles southwest of Santa Rosa, New Mexico

16. DISTANCE FROM PROPOSED*

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

500'

17. NO. OF ACRES IN LEASE

2560

18. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. DISTANCE FROM PROPOSED LOCATION*

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

None

20. PROPOSED DEPTH

6500' Granite

21. ROTARY OR CABLE TOOLS

Rotary

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

5056' GL

23. APPROX. DATE WORK WILL START*

May 7, 1982

24. PROPOSED CASING AND CEMENTING PROGRAM

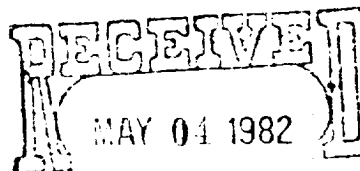
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/8"	48# H-40	700'±	600 sx - Circulate
12 1/4"	8 5/8"	24# K-55	2500'±	1200 sx - Circulate
7 7/8"	5 1/2"	15.5# K-55	TD	1500 sx - Back to 1750' to Isolate all water, oil or gas zones.

OIL CONSERVATION DIVISION

Propose to drill to Granite and Santa Ana zones that appear to be commercial. Completion will consist of perforating the production casing, stimulating if necessary and normal testing.

See attached "Drilling Data".

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

TITLE Agent

DATE May 4, 1982

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

MAY 7 1982

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NOTED: BRYAN

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

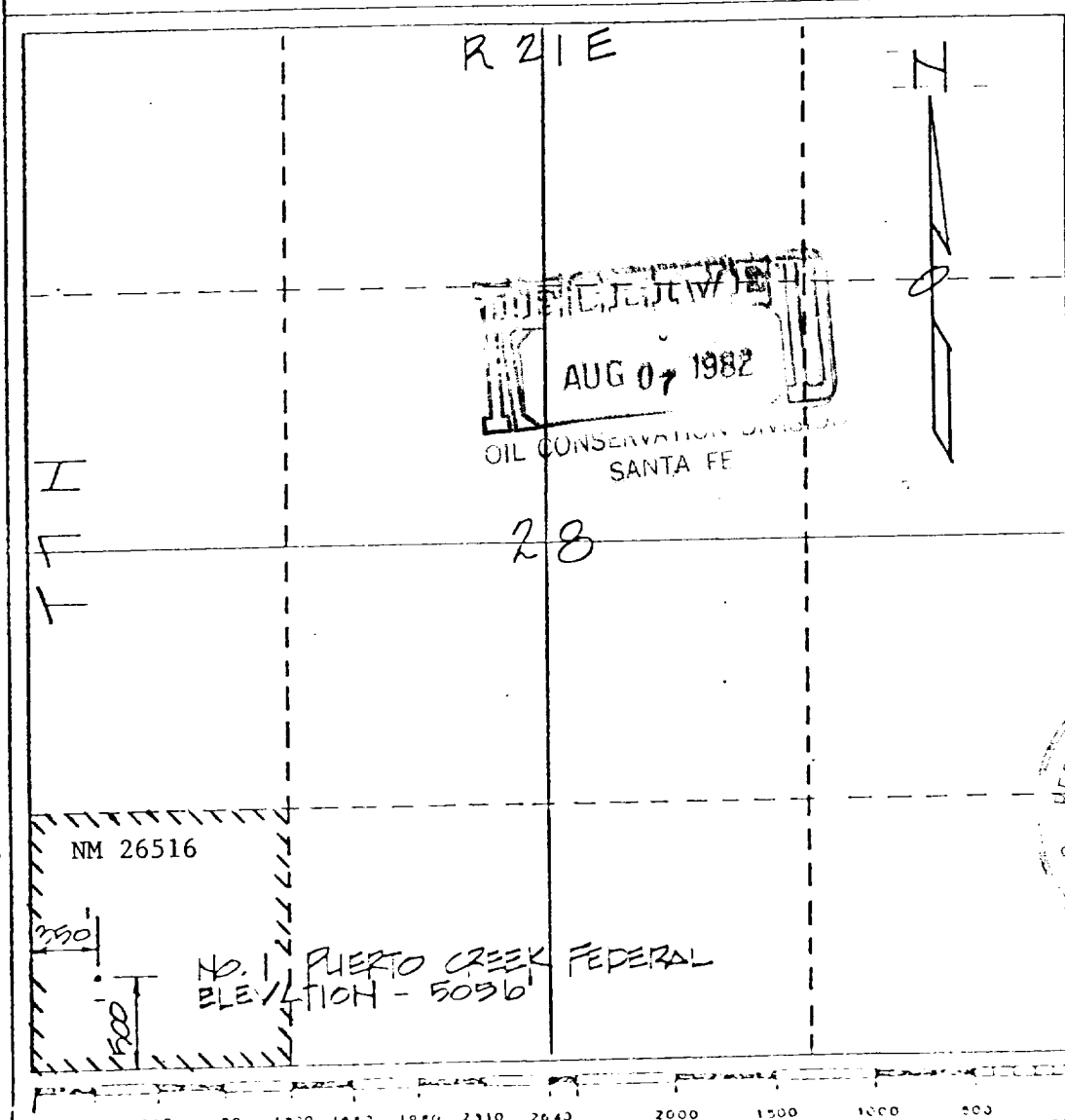
All distances must be from the outer boundaries of the Section.

Operator HUNT OIL COMPANY		Lease Puerto Creek Federal		Well No. 1
Unit Letter M	Section 28	Township 7-N	Range 21-E	County Guadalupe
Actual Footage Location of Well: 500' feet from the SOUTH line and 350' feet from the WEST line				
Ground Level Elev. 5056'	Producing Formation Mississippian	Pool Wildcat	Dedicated Acreage: (SW$\frac{1}{4}$SW$\frac{1}{4}$) 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **Single lease**
- 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.

Jerry W. Long
Name
JERRY W. LONG

Position
Agent

Company
HUNT OIL COMPANY

Date
May 4, 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.

12 March 1982

Gordon J. Douglas
Date Surveyed
Registered Professional Engineer
and/or Land Surveyor

**Gordon J. Douglas, NMPLS
License No. 6054**

Certificate No.

PERTINENT INFORMATION

For

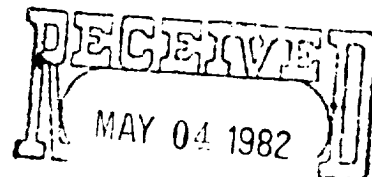
HUNT OIL COMPANY
No.1 Puerto Creek Federal
500'FSL 350'FWL Sec.28-7N-21E
Guadalupe County, N.M.

<u>LOCATED:</u>	13 miles southwest of Santa Rosa, New Mexico
<u>FEDERAL LEASE NUMBER:</u>	NM 26516
<u>LEASE ISSUED:</u>	July 1, 1976
<u>RECORD LESSEE:</u>	Cartridge Syndicate
<u>BOND COVERAGE:</u>	\$25,000 New Mexico Statewide Bond
<u>AUTHORITY TO OPERATE:</u>	Designation of Operator
<u>ACRES IN LEASE:</u>	2560
<u>SURFACE OWNERSHIP:</u>	Privately-owned by Mr. Buddy Walker
<u>POOL RULES:</u>	Wildcat Oil Rules
<u>EXHIBITS:</u>	A. Road and Well Map B. Contour Map C. Rig Layout D. BOP Diagram E. Fee Surface Agreement

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

HUNT OIL COMPANY
No.1 Puerto Creek Federal
500'FSL 350'FWL Sec.28-7N-21E
Guadalupe County, N.M.

NM 26516



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

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, the magnitude of necessary surface disturbance involved, and the procedures 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 operation.

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a road map showing the location of the proposed well as staked. The well is located about 13 miles southwest of Santa Rosa, New Mexico.
- B. Directions: From Vaughn, New Mexico, go 30 miles northeast on Hwy. 54. Turn south on County Road and go about 4 miles. Go east about 2½ miles. Turn south on new road and go about ¼ mile to location.

2. PLANNED ACCESS ROAD:

- A. Length and Width: New access road will be about ¼ mile long and 12' wide.
- B. Surfacing Material: Surfacing material will not be necessary.
- C. Maximum Grade: 2%
- D. Turnouts: Turnouts will be constructed every ¼ mile to permit passing.
- E. Drainage Design: The road will be bladed with a 6" crown to provide for drainage.
- F. Culverts: None necessary

- G. Cuts and Fills: None necessary
- H. Gates, Cattle Guards: One cattleguard will be installed where the access crosses a fence line.
3. LOCATION OF EXISTING WELLS:
- A. Nearest well is a shallow dry hole about 1 mile north of this location. See Exhibit "A" for other nearby wells.
4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:
- A. There are no wells or facilities on the lease.
- B. If the well is completed as a producer, storage, treatment and measurement equipment will be constructed on the well pad.
5. LOCATION AND TYPE OF WATER SUPPLY:
- A. Water for drilling purposes will be purchased from a commercial source and be trucked to the location.
6. SOURCE OF CONSTRUCTION MATERIALS:
- A. It is not anticipated that surfacing material will be necessary for the access road or well pad.
7. METHODS 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 tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. 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. Location of the trash pit is shown on Exhibit "C".

- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

- A. None necessary

9. WELL SITE LAYOUT:

- A. Access will require about $\frac{1}{4}$ mile of new road from existing ranch road. All of the road and the well pad will be located on privately-owned surface.
- B. Construction of the well pad will require a minimal amount of levelling. The reserve pit will be about 90' X 100' and 3' deep.
- C. Exhibit "C" is a diagrammatic sketch of the proposed well pad.

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 wellsite in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. When the well is completed, the road and pad will be rehabilitated to Agency requirements.

11. OTHER INFORMATION:

- A. Topography: The topography is essentially flat. Regional dip is toward the southeast. Local drainage is toward the east and is tributary to the Pecos River which is about six miles east.
- B. Soil: Soil is a sandy clay loam, overlaying sandstone and caliche.
- C. Flora and Fauna: Vegetation consists of grama grass, yucca and cactus. Fauna would include typical desert animals inhabiting this area, such as rodents, coyotes, snakes and birds.

D. Ponds or Streams: Puerto Creek is about one mile south and empties into the Pecos River which is about 6 miles east.

E. Residences and Other Structures: The nearest residence is about four miles southwest.

F. Archaeological, Historical and Other Cultural Sites:

No cultural sites were noted in the area of the access road or pad. An archaeological review was conducted by the Agency for Conservation Archaeology, Eastern New Mexico University, and a report furnished to Minerals Management Service and BLM. The location is not within a designated Water Basin.

G. Land Use: The land is used for cattle grazing.

H. Surface Ownership: Privately-owned by Buddy Walker.

12. OPERATOR'S REPRESENTATIVE:

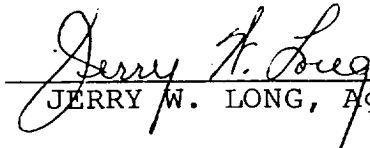
Representative responsible for assuring compliance with the approved Surface Use Plan:

Mr. Don Patterson
2900 First National Bank Building
Dallas, TX 75202
Ph.214-744-7948

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 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 HUNT OIL COMPANY and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

May 4, 1982
Date: _____


JERRY W. LONG, Agent

SUPPLEMENTAL DRILLING DATA

HUNT OIL COMPANY
No.1 Puerto Creek Federal
500'FSL 350'FWL Sec.28-7N-21E
Guadalupe County, N.M.

NM 26516

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

1. SURFACE FORMATION: Triassic
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Triassic	- Surface	Abo	- 2250'
San Andres	- 480'	Pennsylvanian	- 4500'
Glorieta	- 790'	Mississippian	- 5650'
Yeso	- 1200'	Granite	- 5750'
Clear Fork	- 1750'		
3. ESTIMATED DEPTH TO WATER, OIL OR GAS:

Water	- Surface to 100'
Oil	- 480'
Gas	- 2250'
Oil	- 4500'
Oil	- 5650'
4. PROPOSED CASING PROGRAM: See Form 9-331C
5. PRESSURE CONTROL EQUIPMENT: Blow-out preventer stack will consist of at least a double-ram BOP rated to 3000#WP. A diagrammatic sketch of the BOP is shown on Exhibit "D".
6. CIRCULATING, MEDIUM: Well will be drilled with mud.

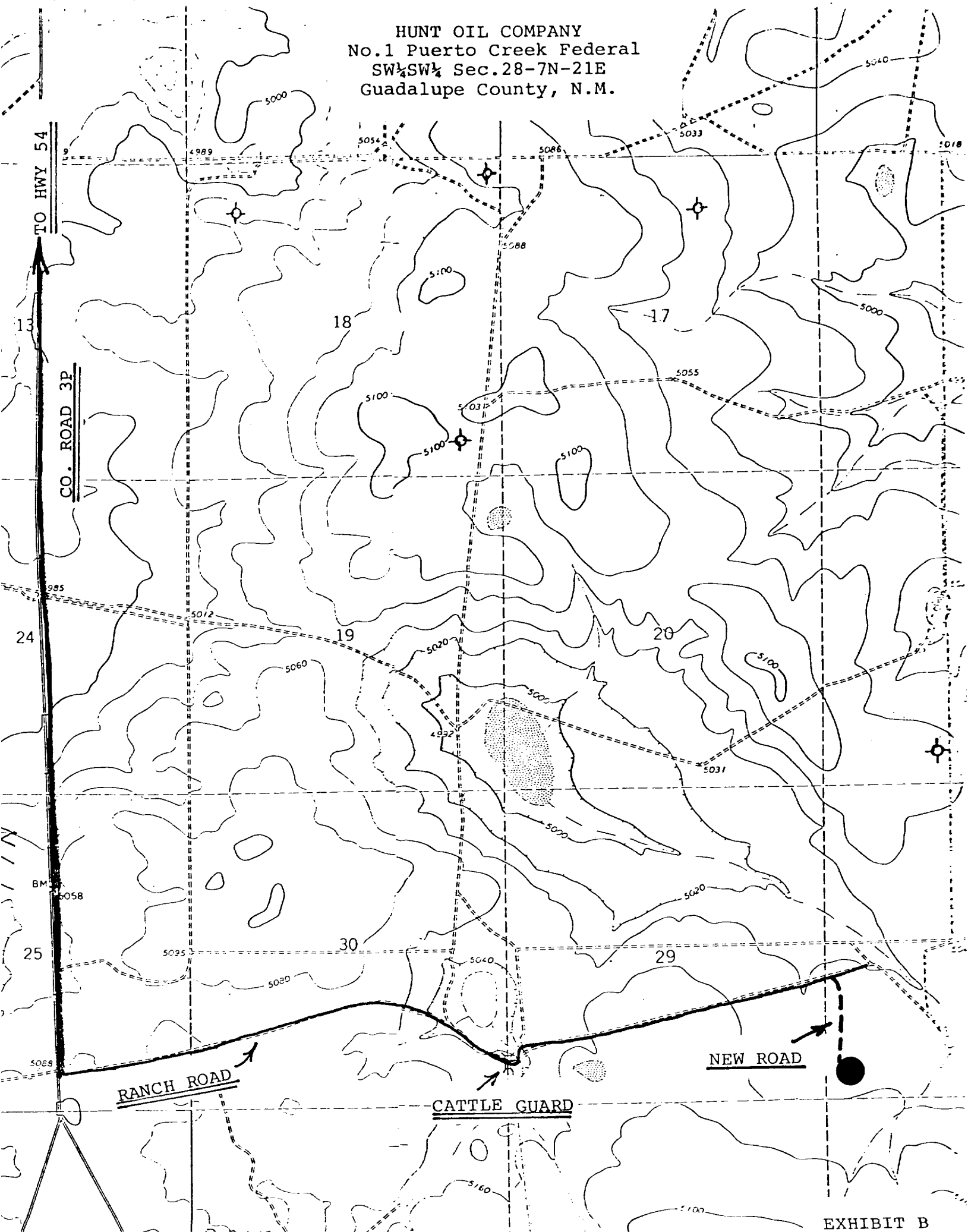
0' - 700'	Fresh water native mud + necessary lost circulation material.
700' - TD	Salt gel mud + additives recommended by mud engineer to meet hole conditions.
7. AUXILIARY EQUIPMENT: Full-opening kelly cock, to fit the drill string in use, will be kept on the rig floor at all times.
8. TESTING, LOGGING AND CORING PROGRAM:

Samples:	- Surface casing shoe to TD.
Coring:	- Core Abo and any other zone of interest.
DST:	- Run DST if warranted by hole conditions.
Logging:	- Run CNL-FDC log.

R. 21 E.



HUNT OIL COMPANY
No.1 Puerto Creek Federal
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec.28-7N-21E
Guadalupe County, N.M.

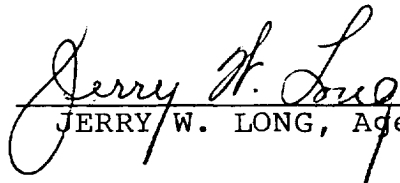


FEE SURFACE AGREEMENT

Since all of the access road and well pad are located on Fee surface, the owners of the Agua Negra Ranch have executed an agreement, with Hunt Oil Company, regarding surface damage and restoration requirements. Restoration will include fencing of mud pits and re-seeding of any unused road or location. The landowner will not require caliche on the new access road unless weather conditions require surfacing to prevent undue surface damage. Hunt agrees to use reasonable efforts to keep the roads and locations clear of trash. A cattle guard will be installed where the ranch road crosses a fence on the west side of Sec.29. The surface owner has an option to purchase cattle guards and to convert any wells to water wells when they are no longer useful for lease operations.

The above information is summarized from Surface Use Agreement dated April 28, 1982.

May 4, 1982
Date: _____


JERRY W. LONG, Agent