

OIL CONSERVATION DIVISION

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

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

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

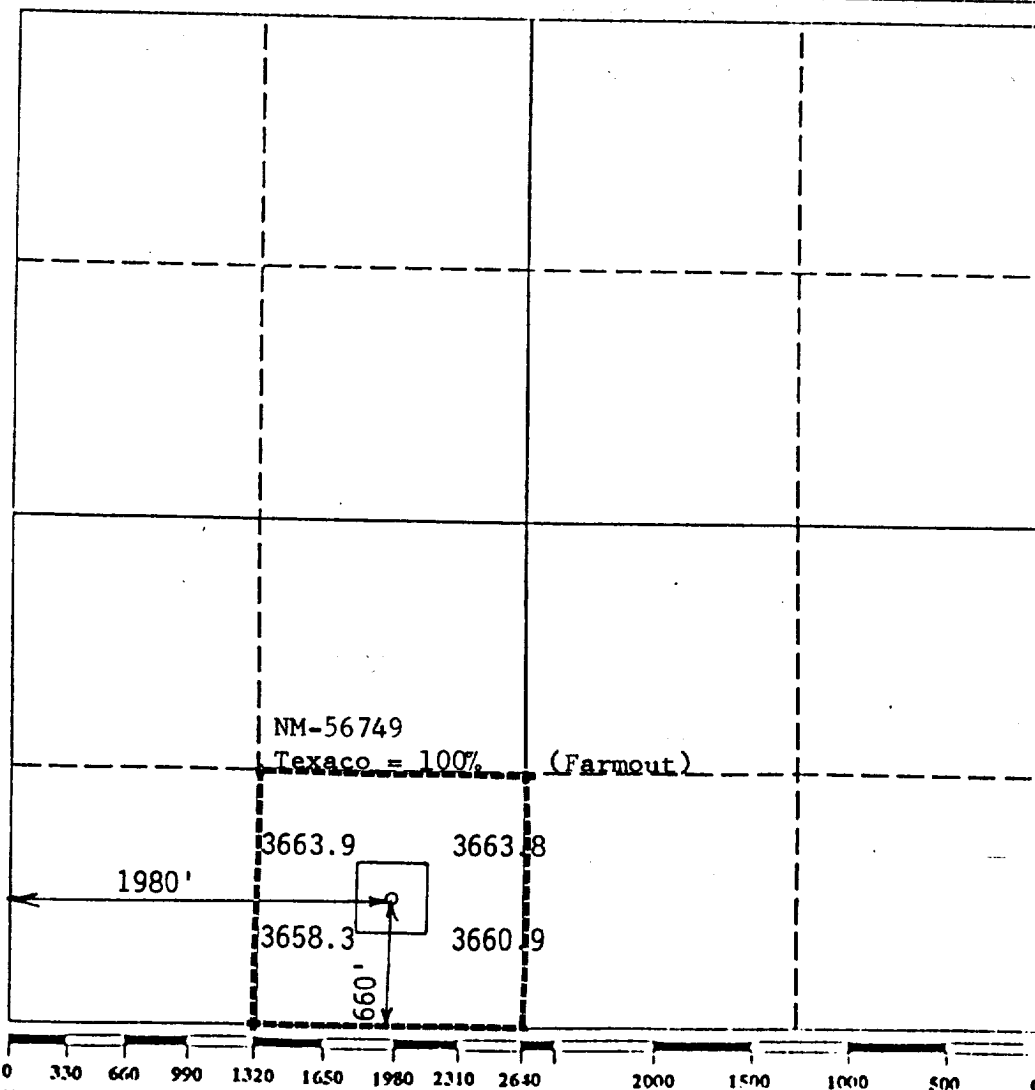
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Manzano Oil Corporation			Lease Texaco Federal		Well No. 3
Unit Letter N	Section 14	Township 19 South	Range 33 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground level Elev. 3661	Producing Formation Delaware		Pool Undesignated		Dedicated Acreage: 40 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 interest 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 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 _____

Printed Name Dee-ger Smith

Printed Name _____

George R. Smith

Position

Agent for:

Company

Manzano Oil Corp.

Date _____

September 3, 1991

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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.

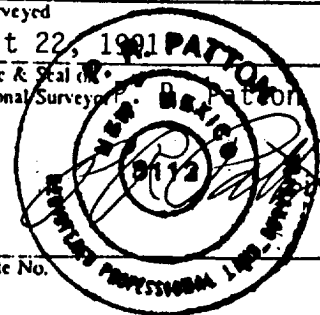
Date Surveyed _____

August 22, 1991

Signature & Seal of
Professional Surveyor

Certificate No.

8112



APPLICATION FOR DRILLING

MANZANO OIL CORPORATION
Texaco Federal, Well No. 3
660' FSL & 1980' FWL, Sec. 14-T19S-R33E
Lea County, New Mexico
Lease No.: NM-56749
(Exploratory Well)

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Manzano 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:

Rustler	1500'	San Andres	5000'
Base/Salt	3000'	Delaware	6000'
Yates	3285'	Bone Spring	7900'
Seven Rivers	3600'	T.D.	8000'

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Surface water between 100' - 350'.

Oil: Possible in the Seven Rivers, and Delaware.

Gas: None expected

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: Gamma Ray: Surf. Csg. to T.D.
CNL-LDT, DLL-MFL Below 8 5/8" 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: October 15, 1991.
Anticipated completion of drilling operations: Approximately 4 weeks.

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0430

HOBBS OFFICE



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070
ROSWELL, NM

505/746-2719
ARTESIA, NM

RIG #1

BLOWOUT PREVENTOR ARRANGEMENT

11" SHAFFER TYPE LWS, 5000 psi WP
11" GK HYDRIL, 5000 psi WP
80 GALLON, 4 STATION PAYNE ACCUMULATOR
3000 psi WP CHOKE MANIFOLD

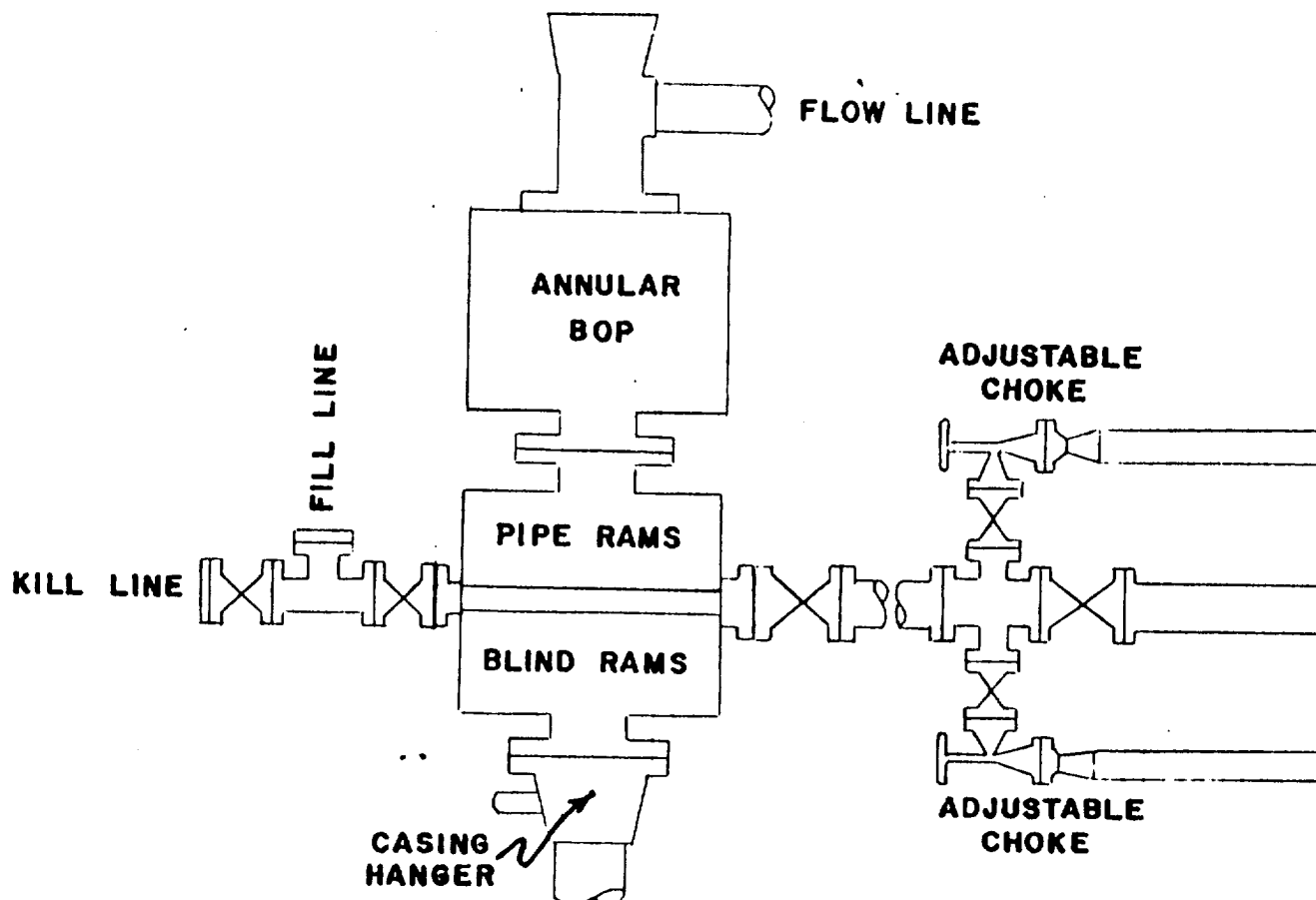


EXHIBIT "E"
MANZANO OIL CORPORATION
Texaco Federal , Well No. 3
BOP Specifications

113
HOCK 3-30-92

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SEP 26 1991

GCO
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