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AUG 29 1991

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department
O. C. D.
ARTESIA OFFICE

Form C-101
Revised 1-1-89

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

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

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

DISTRICT III
1000 New Britain Rd., Aztec, NM 87410

API NO. (assigned by O.C.D. on New Wells) 30-015-26852
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB-0183

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	7. Lease Name or Unit Agricultural Name Desert Storm State
b. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	

2. Name of Operator Manzano Oil Corporation 505/623-1996	8. Well No. #1
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3. Address of Operator P.O. Box 2107, Roswell, NM 88202-2107	9. Field name of Well Wildcat
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4. Well Location
 Well Letter J : 2541 Feet From The North Line and 1980 Feet From The East Line
 Section 2 Township 21S Range 28E NMPM EDDY County

10. Proposed Depth 6400'	11. Formation Delaware	12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, CR, etc.) 3329' GL	14. Kind & Status Plug Bond Statewide	15. Drilling Contractor WEK Drilling	16. Approximate Date Work will start November 1, 1991

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	53#	400'	1000	Circulate
17"	13-3/8"	42#	1700'	1435	Circulate
12-1/4"	8-5/8"	32# & 24#	3200'	1000	Tie into 13-5/8"
7-7/8"	5-1/2"	15-1/2 - 17#	6400'	500	Tie into 8-5/8"

Intend to spud 26" hole. Will drill to 400', run & cement 20" casing. Drill 17" hole to 1700' and run and cement 13-3/8" casing. Drill 12-1/4" hole to 3200' & run and cement 8-5/8" casing. Will nipple up Shaffer LWS 10" - 900 hydraulic 3000 psi BOP's and test with 10" hydril. Will test BOP choke manifold, hydril and casing to 1500 psi.

Will drill 7-7/8" hole to 6400', testing all zones of interest. If productive, will run and cement 5-1/2" casing, perforate and complete. Will spud w/native mud to 3250'. Will drill out and drill to TD w/cut brine system.

Post ID-1
10-18-91
Mud Log & API

120 DAYS
9/15/92

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Laura J. King TITLE Production Analyst DATE 8/28/91
 TYPE OR PRINT NAME Laura J. King (505)623-1996 TELEPHONE NO.

(This space for State Use)
ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

OCT 18 1991

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED BY O.C.D. IN SUFFICIENT
TIME TO PERFORM WORK CONCERNING THE
20"-13 3/8"-8 5/8" CASING

Submit to Appropriate District Office
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 Fee Lease - 3 copies

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87501-2088

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

DISTRICT II
 P.O. Drawer 100, Artesia, NM 88210

DISTRICT III
 1109 East 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 Desert Storm State		Well No. 1
Unit Letter J	Section 2	Township 21 South	Range 28 East	County Eddy
Actual Footage Location of Well: 2541 feet from the North line and 1980 feet from the East line				
Ground level Elev. 3329	Producing Formation Delaware	Pool Wildcat	Dedicated Acreage 40 Acres	

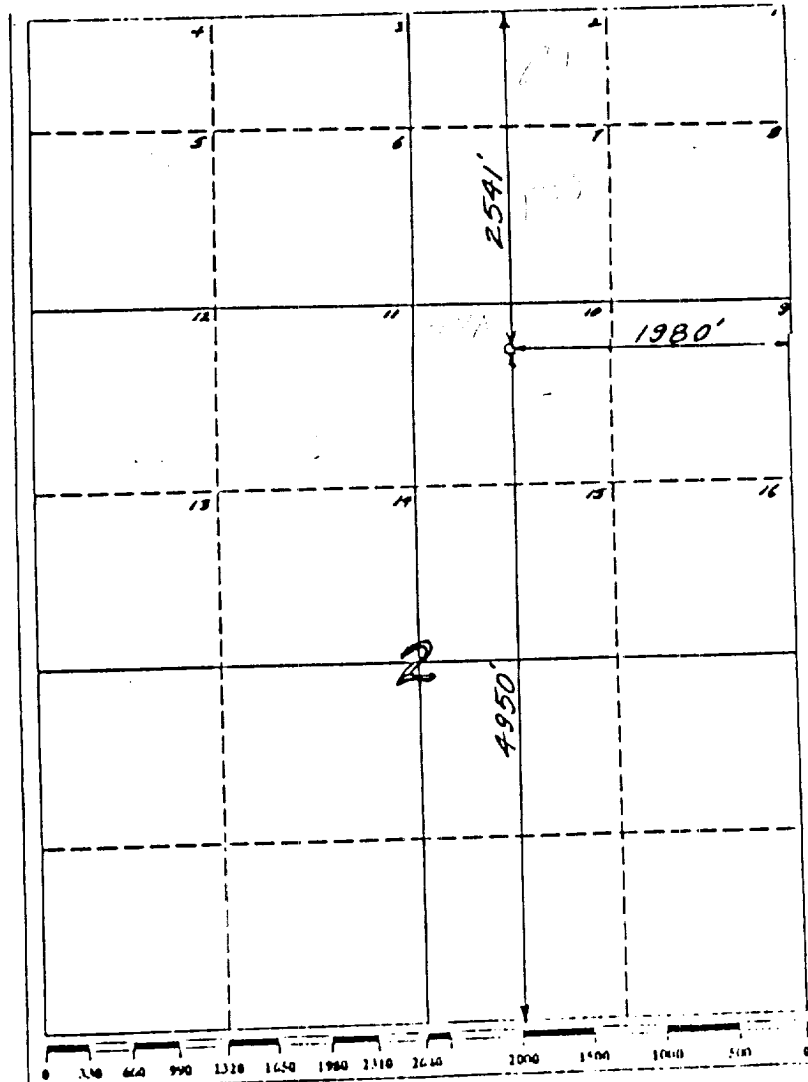
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

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: *Jim Ball*

Printed Name: **Jim Ball**

Position: **Vice President, Land**

Company: **Manzano Oil Corporation**

Date: **February 12, 1991**

SURVEYOR CERTIFICATION

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: **February 7, 1991**

Signature & Seal of Professional Surveyor: *P. R. FAY*

Certificate No.: **8112**