

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		OGRID Number 013954 API Number 30-025-33070
Property Code 18337	Property Name "SV" Santa Fe State	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	16	17S	38E		2310	South	1650	West	Lea

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 Wildcat	Proposed Pool 2
----------------------------	-----------------

Work Type Code N	Well Type Code O	Cable/Rotary C	Lease Type Code S	Ground Level Elevation 3690'
Multiple N	Proposed Depth 8750'	Formation Yeso/Abo	Contractor Ziadril	Spud Date 1/27/96

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	380-400'	350 sks	Circl
12-1/4"	8-5/8"	24 & 32#	3750-3850'	1100 sks	350'
7-7/8"	5-1/2"	15 & 17#	8750'	To be designed	
				if run pipe.	

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill to 8750'. Test Bone Spring Carbonate and Yeso/Abo Res. Run production casing if justified.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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

Signature:

Printed name

D.E. BROWN

Title

VP Engineering

Date

1/17/96

Phone

505/623-1996

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY

Approved by

GARY WINK

Title

FIELD REP. II

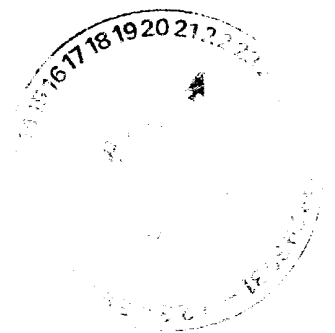
Approval Date

JAN 24 1996

Expiration Date:

Conditions of Approval

Attached ☐



District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1008 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33272		2 Pool Code		3 Pool Name Wildcat	
4 Property Code 18337		5 Property Name "SV" Santa Fe State			
6 OGRID No. 013954		7 Operator Name Manzano Oil Corporation			
				8 Well Number 1	
				9 Elevation 3690	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	16	17 S	38 E		2310	South	1650	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p>				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>[Signature]</i> Signature D.E. Brown Printed Name VP Engineering Title 1/17/96 Date</p>	
				<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>January 25, 1996 Date of Survey Signature and Seal of Professional Surveyor <i>[Signature]</i> P.R. Patton 8172 Certificate Number</p>	





RIG 2 9,000' - 16,000'

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

DRAWWORKS

Emsco GB-800 1000 H.P.
Drum: 1 1/4" Lebus grooved
Compound: 2-engine oil bath chain drive
Brake: Hydromatic Parkersburg 46" Double
Satellite Automatic Driller
Duo-O-Matic Crown Block Protector
Totco Weight Indicator

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel.

DERRICK

Pyramid 136' 800,000 lb. rated capacity.

SUBSTRUCTURE

Pyramid 17' high 800,000 lb. rated capacity.

MUD PUMPS

Pump No. 1: Emsco DC700. 700-H.P. with steel fluid end.
4 3/4" - 7 3/4" liners, 16" stroke. Compound driven
Pump No. 2: Emsco DB700 - 700-H.P. powered by D379
Caterpillar Diesel.

DRILL STRING

6,500' 4 1/2" Grade E, 20-lb.
9,000' 4 1/2" Grade E, 16.60-lb.
Tool Joints: 4 1/2" XH, 6 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 Shaffer LWS hydraulic double 11" x 5,000 p.s.i. One
Hydril 11" x 5,000 p.s.i. Choke manifold 4" x
5,000 p.s.i. flanged connections. Koomey 7-station
accumulator closing unit with remote control.

MUD SYSTEM

Three 30' x 7 1/2' x 6' 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 cellular telephone 505/370-4532

OTHER EQUIPMENT

BLOCKS. Oilwell 300 Ton

HOOK. BJ 4300 300 Ton

SWIVEL. Oilwell PC-800 300 Ton

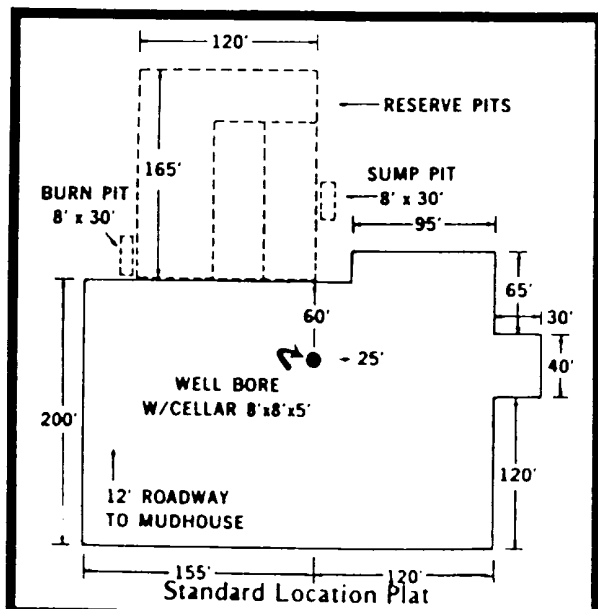
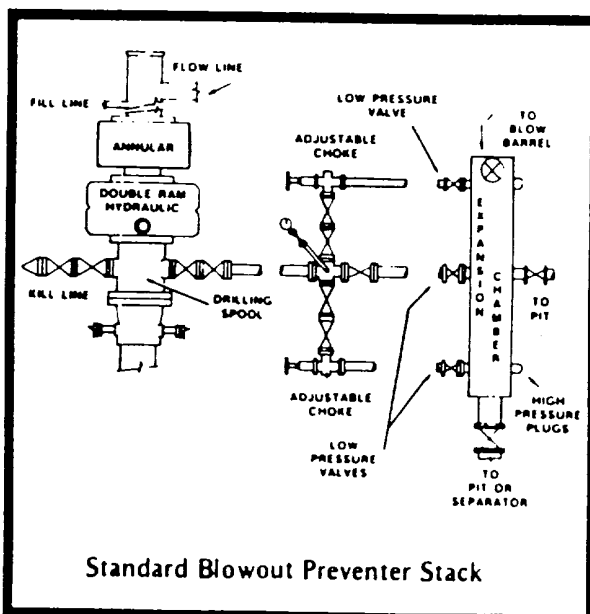
ROTARY TABLE. Gardner Denver 27 1/2"

SHALE SHAKER. Totco Double Screen.

ELECTRICAL POWER. One 210-kw/one 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.



11/1/11

11/1/11

