

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

¹ Operator Name and Address. Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		¹ OGRID Number 013954
		¹ API Number 30 - 0 25 - 3380 7
¹ Property Code 23652	¹ Property Name Odyssey	¹ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	2	16S	36E		487	South	1270	East	Lea

⁸ 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
0	2	16S	36E		1149	South	1370	East	Lea

¹⁰ Proposed Pool 1 Northeast Lovington-Pennsylvanian	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code E	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3882'
¹⁶ Multiple No	¹⁷ Proposed Depth 11,800' TVD	¹⁸ Formation Strawn	¹⁹ Contractor Wek Drlg Co.	²⁰ Spud Date 1/4/99

²¹ 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"	41 & 68#	411'KB	375 sx Cl C	Circl
12-1/4 & 11"	8-5/8"	32#	4265'KB	1250 sx Lite+	Circl
				200 sx Cl C	

²² 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 out surface cement plug, cement plugs @ shoe of 13-3/8" and 8-5/8" casing, and cement plug @ 5464'. Clean out to 9500'. Run directional survey. Set kick-off plug @ 9200' back to 8900' and dress off to 9000'. Go in hole and directional drill to 11,911' (TVD = 11,800') to bottom hole location. Run open hole logs. DST Strawn if justified. Run production casing if justified.

Permit Expires 1 Year From Approval
Date Unless Being Extended
Re-Entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>D.E. Brown</i>		OIL CONSERVATION DIVISION	
Printed name: D.E. Brown		Approved by: <i>[Signature]</i>	
Title: VP Engineering		Title: <i>[Signature]</i>	
Date: 12/18/98		Approval Date: 1/11/01 Expiration Date: 1/11/02	
Phone: (505) 623-1996		Conditions of Approval: Attached <input type="checkbox"/>	

505

110