

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 Maynard Oil Company 8080 N. Central expressway, Suite 660 Dallas, Texas 75206		² OGRID Number 033016
		³ API Number 30 - -025-35407
⁴ Property Code 25551	⁵ Property Name Wilson Deep Unit	⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Country
D	13	21S	34E	N/A	660	North	660	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Country
⁹ Proposed Pool 1 Wilson Morrow (Gas)						¹⁰ Proposed Pool 2			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State Land	¹⁵ Ground Level Elevation 3664
¹⁶ Multiple N	¹⁷ Proposed Depth 13,000	¹⁸ Formation Morrow	¹⁹ Contractor Unknown	²⁰ Spud Date Unknown

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	20"		40'	Ready Mix	Surface
17 1/213-	13-3/8"	54.5	1400'	1200	Surface
12 1/4	9-5/8"	40	5700'	1175	1200
8 1/2	5 1/2"	17 and 20	13,000'	850	5,000

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 and equip a development well. Complete in the Morrow gas reservoir.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Gabe Utz</i>		OIL CONSERVATION DIVISION	
Printed name: Gabe Utz		Approved by:	
Title: Regulatory Engineer		Title:	
Date: 4/6/01		Approval Date: 4/6/01	Expiration Date:
Phone: 214-891-8454		Conditions of Approval: Attached <input type="checkbox"/>	

DRILLING PROGRAM – Attachment to Form C-101

Maynard Oil Company – Wilson Deep Unit No. 2
660' FNL, 660' FWL, Sec.13-T21S-R34E
Lea County, New Mexico

Proposed Total Depth: 13,000 ft.

Elevation: 3664.5'

Estimated Formation Tops

Rustler	1,730'
Salt	1,800'
Yates	3,660'
Delaware	5,470'
Bone Spring	8,050'
Wolfcamp	10,540'
Atoka	11,890'
Morrow	12,250'

Casing & Cement Program

<u>Hole Size</u>	<u>Csg. Size/Weight/Grade</u>	<u>Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor Pipe	40'	Ready Mix	Surface
17-1/2"	13-3/8", 54.5 #/ft J-55	1400'	1200 sx Class C	Surface
12-1/4"	9-5/8", 40 #/ft, N-80/K-55	5700'	1175 sx 50-50 Poz 'C'	1200'
8-1/2"	5 1/2", 17&20 #/ft N & P	13,000'	850 sx 50-50 Poz & 'H'	5000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-1400'	8.4-8.8	32-34	NC	fresh gel, caustic, paper
1400-5700'	9.8-10.0	28-30	NC	cut brine water, lime, paper Star NP-110
5700-11,800'	9.0-9.5	28-32	NC	fresh/cut brine, caustic, paper Star NP-110
11,800-13,000'	10.0-12.0	38-45	<10cc	polymer base drilling fluid barite if needed

