

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address The Wiser Oil Company P.O. Box 2568 Hobbs, New Mexico 88241		<sup>2</sup> OGRID Number 022922	
<sup>3</sup> Property Code 11838		<sup>4</sup> Property Name Lea State LL State	
<sup>5</sup> Proposed Pool 1 Maljamar Grayburg San Andres		<sup>6</sup> Proposed Pool 2 Delaware	

<sup>7</sup> Surface Location

UL or lot no. E	Section 32	Township 17-S	Range 32-E	Lot Idn	Feet from the 1650'	North/South line North	Feet from the 990	East/West line West	County Lea
--------------------	---------------	------------------	---------------	---------	------------------------	---------------------------	----------------------	------------------------	---------------

<sup>8</sup> 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	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3894'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 5,000'	<sup>18</sup> Formation Grayburg San Andres	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date January 15, 2004
Depth to Groundwater 120.85'		Distance from nearest fresh water well 2,000'+		Distance from nearest surface water 2000'+
Pit: Liner: Synthetic <input type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 12,000 bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24# L-55 LTC	600'	330 Class "C"	Circulate
7 7/8"	5 1/2"	17# K-55 LTC	5,000'	540 Class "C"	Circulate to surface

<sup>22</sup> 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. It is proposed to drill the above captioned well to a total depth of 5,000' with rotary tools. If commercial production is indicated, the well will be perforated and stimulated as necessary.

The drilling pad dimensions will be 330' X 200' and the reserve pit is 100' X 85' X 8'. The pit will be lined with a 12 mil liner and a volume of 12,000 bbls.

Cementing surface will have 230 sks. 13.8 ppg 1.65 cf/sk. w/additives (Class "C") followed by 100 sks. 14.8 ppg 1.34 cf/sk. w/additives. 12 hr. 1200 psi 24 hr. 2400 psi 72 hr. 2700 psi.

Cementing production will have 335 sks. 11.8 ppg 2.45 cf/sk. w/additives (50/50 POZ Class "C") followed by 205 sks. 14.5 ppg 1.54 cf/sk. w/additives.

Blow Out Prevention: 10" Series 900 Type "E" Shaffer Hydraulic BOP. 3,000 psi

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Approved by:

Printed name: Mary Jo Turner

*Mary Jo Turner*

Title:

DEC 29 2004

PETROLEUM ENGINEER

Title: Production Tech II

Approval Date:

Expiration Date:

E-mail Address: mturner@forestoil.com

Date: December 15, 2004

Phone: (505) 392-9797

Conditions of Approval Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-37022		2 Pool Code 43329		3 Pool Name MALJAMAR, GRAYBURG, SAN ANDRES	
4 Property Code 11838		5 Property Name LEA STATE LL State			6 Well Number #3
7 OGRID No. 022922		8 Operator Name Wiser Oil Company			9 Elevation 3894

Surface Location

UL or lot no. E	Section 32	Township 17-S	Range 32-E	Lot Idn	Feet from the 1650'	North/South line NORTH	Feet from the 990	East/West line WEST	County LEA
--------------------	---------------	------------------	---------------	---------	------------------------	---------------------------	----------------------	------------------------	---------------

11 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	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

<div>32</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <u>Mary Jo Turner</u></p> <p>Printed Name: <u>MARY JO TURNER</u></p> <p>Title and E-mail Address: <u>Production Tech II mturner@forestonline.com</u></p> <p>Date: <u>December 15, 2004</u></p>			
	<div>18 SURVEYOR CERTIFICATION</div> <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>11/23/04</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>			

# FOREST OIL CORPORATION WELL PLAN

AFE:

WELL NAME Lea State LL #3, 4, 5, 6 LEASE:

SURFACE LOCATION: Section 32, T17S, R32E

BOTTOM HOLE LOCATION: STRAIGHT HOLE

TOTAL DEPTH: 4500' MD/4500' TVD ELEV.: 3900'

DATE:11/15/04

WD: N/A

THE SUBJECT WELL WILL TEST The Grayburg/San Andres

<u>SURVEYS</u>	<u>SIGNIFICANT TOPS</u>	<u>WELL DEPTH</u>	<u>CASING</u>	<u>HOLE SIZE</u>	<u>MUD WT.</u>
			16" CNDTR @ 40'		
			8-5/8" SURFACE @ 600'	12-1/4"	9
			24#, J55, LTC		
0	<u>Rustler@937'</u>				
	<u>Yates@2311'</u>				
	<u>Bowers Sand@3087'</u>				10
0	<u>Queen@3303'</u>				
	<u>Penrose@3489'</u>				
	<u>Grayburg@3667'</u>				
	<u>Premier sand@3971'</u>				
	<u>San Andres@4103'</u>				
0			5-1/2 PRODUCTION @ 4500'	7-7/8"	10
			17#, K55, LTC		



## Western Region

Maljamar Field

Lea County, NM

Lea State LL Proposed Wells

### POSTED WELL DATA

Operator  
Well Name  
Well Number  
TO  
WELL - COMP. DATE

### REMARKS

Proposed Wells Circled

Map Scale: 1" = 1,000'

By: Vic Smith

November 8, 2004

3  
4,150  
9/1/1988

9  
0

4  
5,000

1  
0

1  
KERSEY & CO • 4,215  
HOOVER-STATE 6/1/1980

2  
WALLINGFORD JR  
STATE 4,200  
3/1/1980

8-B  
KERSEY & CO • 4,200  
HOOVER-STATE 4/1/2000

6  
KERSEY & CO • 4,165  
HOOVER-STATE 4/1/198

3  
ARROWHEAD OIL  
HOOVER 4,150  
12/1/1941

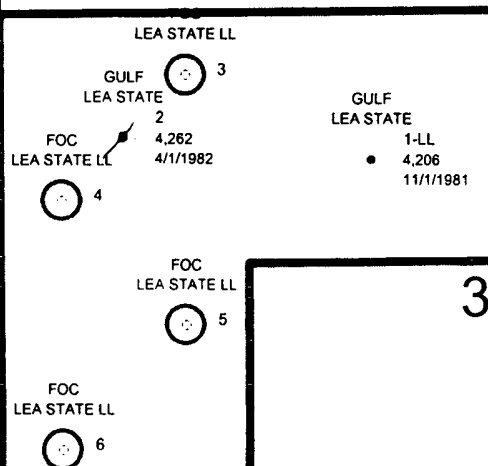
1  
ARROWHEAD OIL  
WALLINGFORD  
STATE 4,022  
8/1/1941

2  
KERSEY & CO • 4,022  
HOOVER-STATE 8/1/1941

1  
KERSEY & CO • 3,955  
HOOVER-STATE 3/1/1941

2  
4,152  
4/1/1981

3  
4,275  
4/1/1981



32

# Lea State LL

KERSEY & COMPANY  
HOOVER 7  
KERSEY AND CO 4,200  
HOOVER-FRITSCH 3/1/1985

KERSEY & CO  
HOOVER-FRITSCH 4  
4,150  
3/1/1942

LARUE CE & BN  
PRSL QUN SND 3  
4,700  
7/1/1942

LARUE CE & BN  
PRSL QUN SND 1  
3,490  
3/1/1942

TURNER GEORGE  
LR SIMON B 1  
4,527  
6/1/1943

ANTWEIL  
CO-OP STATE 1  
3,632  
10/1/1955

ANADARKO  
PEARSALL UNIT 14-1  
3,650  
11/1/1965

ANADARKO  
PEARSALL UNIT 13-1  
3,630  
12/1/1965

MARBOB ENERGY CORP  
LASSOED LIZARD FEDER

1  
0

LARUE & MUNCY  
BASSETT BIRNEY 1  
5,003  
5/1/1984

ROY SMITH  
WALKER B 1  
3,719  
1/1/1956

ANADARKO PRODUCTION  
PEARSALL UNIT 3 2  
3,727  
5/1/1987

LARUE CE & BN  
PRSL QUN SND 1  
3,743  
10/1/1941

# BOP & CHOKE MANIFOLD

3000# Working Pressure

3000# Working Pressure Choke Manifold

