

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

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

Form C-101
March 4, 2004

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 Moriah Resources, Inc. PO Box 5562 Midland, TX 79704		² OGRID Number 224376
		³ API Number 30-025-36853
⁴ Property Code 33149	⁵ Property Name Langlie Mattix Penrose Sand Unit	⁶ Well No. 316

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	22S	37E		1103'	North	229'	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	County

⁹ Proposed Pool 1 37240 Langlie Mattix 7R, Qn, Gb	¹⁰ Proposed Pool 2
---	-------------------------------

Drilling Pit Location and Other Information

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

Depth to ground water	Distance from nearest fresh water well	Distance from nearest surface water
-----------------------	--	-------------------------------------

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3343'
¹⁶ Multiple No	¹⁷ Proposed Depth 3800'	¹⁸ Formation Penrose Queen	¹⁹ Contractor United Drilling	²⁰ Spud Date 9/16/04

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24#/ft	1200'	400sx	surface
7-7/8"	5 1/2"	15.5#/ft	3800'	830sx	surface

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.
1. MIRU Rotary tools. Drill 11" hole to 1200'. Run 1200' 8-5/8", 24#/ft csg, circ cmt to surf.
2. Drill 7-7/8" hole to 3800'. Run 3800' 5 1/2", 15.5#/ft csg, circ cmt to surf.
3. Complete as production well.
10" 1000# Annular BOP

²³ 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 ☐.

Signature: *Paul T. Horne*

Printed name: Paul T. Horne

Title: Operations Manager

E-mail Address: paul@petroleumstrategies.com

Date: 1/9/04

Phone: 432-682-0292

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: ~~OCD DISTRICT SUPERVISOR/GENERAL MANAGER~~

Approval Date: 9/10/04

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

District I
1825 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 30-025-36853	² Pool Code 37240	³ Pool Name Langlie Mattix 7R, Qn, Gb
⁴ Property Code 33149	⁵ Property Name Langlie Mattix Penrose Sand Unit	⁶ Well Number 316
⁷ GRID No. 224376	⁸ Operator Name Moriah Resources, Inc.	⁹ Elevation 3343'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	22 S	37 E		1103	North	229	West	Lea

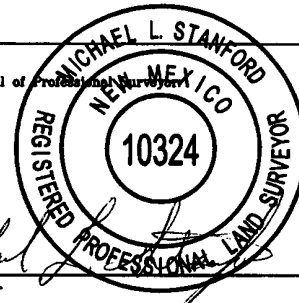
¹¹Bottom Hole Location If Different From Surface

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>16 1103' LMPSU 316 Elev. 3343' 229'</div>				<p>¹⁷OPERATOR 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>Paul T. Horne</i> Signature</p> <p>Paul T. Horne Printed Name</p> <p>Operations Manager Title and E-mail Address</p> <p>paul@petroleumstrategies.com</p> <p>9/9/04 Date</p>
Well #132	D-27-22-37	660/N	660/W	<p>¹⁸SURVEYOR 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>9-03-2004 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>Michael L. Stanford Certificate Number</p>



6 Miles South of Eunice, New Mexico.

File No. A-2553A.DWG

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

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

Form C-144
March 12, 2004

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: <u>MORIAH RESOURCES, INC</u> Telephone: <u>432-682-0292</u> e-mail address: <u>PAUL@PETROLEUMSTRATEGIE</u>	
Address: <u>PO BOX 5562 MIDLAND, TX 79704</u>	
Facility or well name: <u>LMPSU #316</u> API #: <u>30-025-36853</u> U/L or Qtr/Qtr <u>D</u> Sec <u>27</u> T <u>22S</u> R <u>37E</u>	
County: <u>LEA</u> Latitude <u>499159.5</u> Longitude <u>862771.8</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>20</u> mil Clay <input type="checkbox"/> Volume <u>3500</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet <input checked="" type="checkbox"/> (10 points) 100 feet or more (0 points) <u>10</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No <input checked="" type="checkbox"/> <u>900' from private domestic water well</u> (0 points) <u>0</u>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more <input checked="" type="checkbox"/> (0 points) <u>0</u>
Ranking Score (Total Points) <u>10</u>	

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 9/9/04

Printed Name/Title Paul T. Horne, Ops. MGR. Signature Paul T. Horne

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: 9/10/04

Printed Name/Title CHRIS WILLIAMS- DIST SUP. Signature Chris Williams

LMPsu #316

