

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
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
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 Moriah Resources, Inc. P.O. Box 5562 Midland, TX 79704		² OGRID Number 224376
³ Property Code 001328		³ API Number 30-025-36700
³ Property Name Langlie Mattix Penrose Sand Unit		⁶ Well No. #46

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
K	22	22S	37E		2500'	South	1330'	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 Seven Rivers Queen Grayburg					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N ¹⁶ Multiple No	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3364'
¹⁷ Proposed Depth 3800'	¹⁸ Formation Penrose Queen	¹⁹ Contractor United Drilling	²⁰ Spud Date July 1, 2004	

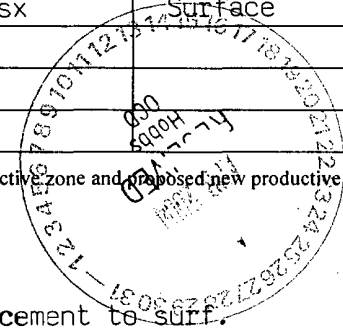
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#/ft	1200'	400 sx	Surface
7 7/8"	5 1/2"	15.5#/ft	3800'	1200 sx	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.

- MIRU Rotary tools. Drill 12 1/4" hole to 1200'.
 - Run 1200' 8 5/8" 24#/ft csg. Circ cement to surf.
 - Drill 7 7/8" hole to 3800'. Run 3800' 5 1/2" 15.5#/ft csg. Circ cement to surf.
 - Complete as production well.
- 10" 1000# Annular BOP

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>Paul T. Horne</i>	OIL CONSERVATION DIVISION	
	Approved by: <i>Paul T. Horne</i>	Title: PETROLEUM ENGINEER
Printed name: Paul T. Horne	Approval Date: MAY 17 2004	Expiration Date:
Title: Operations Manager		
E-mail address: paul@petroleumstrategies.com		
Date: April 22, 2004	Phone: 432-682-0292	Conditions of Approval: Attached <input type="checkbox"/>

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brasos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 37240 Pool Code	3 Langlie Mattix Seven Rivers Queen Gray-burg Pool Name
4 001328 Property Code	5 Langlie Mattix Penrose Sand Unit Property Name	6 #46 Well Number
7 224376 OGRID No.	8 Moriah Resources, Inc. Operator Name	9 3364' Elevation

¹⁰Surface Location

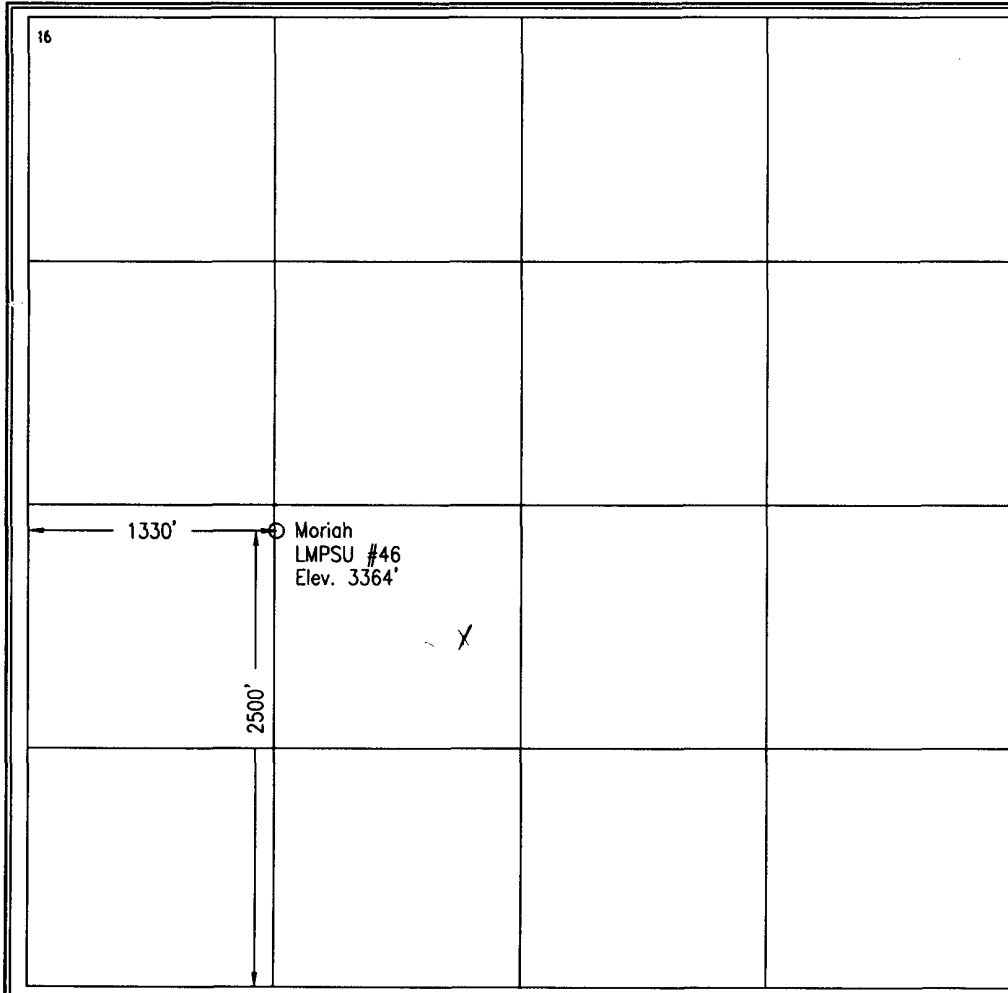
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	22	22 S	37 E		2500'	South	1330'	West	Lea

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNITL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

Paul T. Horne
Signature
Paul T. Horne
Printed Name
Operations Manager
Title
April 22, 2004
Date

18 SURVEYOR CERTIFICATION

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.

April 14, 2004
Date of Survey
Signature and Seal of Professional Surveyor

Certificate Number 10324

5 Miles South of Eunice, New Mexico.

File No. A-2546

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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
March 12, 2004

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

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: Moriah Resources, Inc. Telephone: 432-682-0292 e-mail address: Paul @ petroleumstrategies.com
Address: P.O. Box 5562 Midland, TX 79704
Facility or well name: LMPSU #46 API #: _____ U/L or Qtr/Qtr K Sec 22 T 22S R 37E
County: Lea Latitude 502826.8 Longitude 863893.8 NAD: 1927 1983 Surface Owner Federal State Private Indian

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 checked="" 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)	10
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"/> (0 points)	0
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)		0
Ranking Score (Total Points)			10

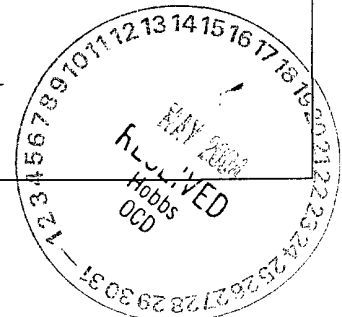
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite offsite If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and 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.

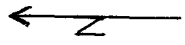
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved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

Date: 5/12/04
Printed Name/Title: Paul T. Horne, Operations Manager 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: 5/17/04 **PETROLEUM ENGINEER** Signature: _____
Printed Name/Title: _____





Lmpsu # 46

