

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

Operator Name and Address Doyle Hartman 500 N. Main St. Midland, TX 79701		OGRID Number 6473
Property Code 33240		API Number 30-025-09480
Property Name State "LMT"		Well No. 8
Proposed Pool 1 Jalmat (T-Y-7R) Gas		Proposed Pool 2

Surface Location

UL or lot no. D	Section 36	Township 23S	Range 36E	Lot Idn	Feet from the 660'	North/South line North	Feet from the 660'	East/West line West	County Lea
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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
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Additional Well Information

Work Type Code E	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3327'
Multiple No	Proposed Depth 3600'	Formation Queen	Contractor Lucky Well Service	Spud Date 05/01/2005
Depth to Groundwater 120'		Distance from nearest fresh water well 0.53 mi.		Distance from nearest surface water N/A
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: 500 bbls Drilling Method: _____				
Closed-Loop System <input checked="" type="checkbox"/> (500 BBL Frac Tank) Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

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"	54.5 #/ft	289'	200 sx	Circ.
11"	8 5/8"	28 #/ft	1219'	625 sx	260'
7 3/8"	5 1/2"	15.5 #/ft	3480'	500 sx	2055'
4 3/4"	4 1/2" FJL	11.6 #/ft	3440' - 3600'	1200 sx	3440'

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.

The State "LMT" No. 8 well was completed, on 8/25/1949, as an open-hole Langlie Mattix (7R-O) producer, from 3480' to 3600', for an initial production of 76 BOPD.

On 9/6/2003 - 9/9/2003, Oxy plugged and abandoned the well, as follows:

1. Spotted 25 sx cement plug at 2920'.
2. Perf'd 5 1/2" csg at 1269' and squeezed w/ 35 sx (TOC @ 1149').
3. Perf'd 5 1/2" csg at 339' and squeezed w/ 85 sx down 5 1/2" csg.
4. Installed dry hole marker.

It is proposed to DO and CO to 3600', set 4 1/2" O.D. FJL w/ 1200 sx, perf Jalmat 2925' - 3410', acidize, frac, and return to production.

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 NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Steve Hartman

Title: Engineer

E-mail Address: dhoo@swbell.net

Date: 04/11/2005

Phone: (432) 684-4011

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval Attached ☐

PETROLEUM ENGINEER

Expiration Date:

APR 27 2005

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry



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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-09480	Pool Code 79240	Pool Name Jalmat (T-Y-7R)
Property Code 33240	Property Name State "LMT"	Well Number 8
OGRID No. 6473	Operator Name Doyle Hartman	Elevation 3327' GR

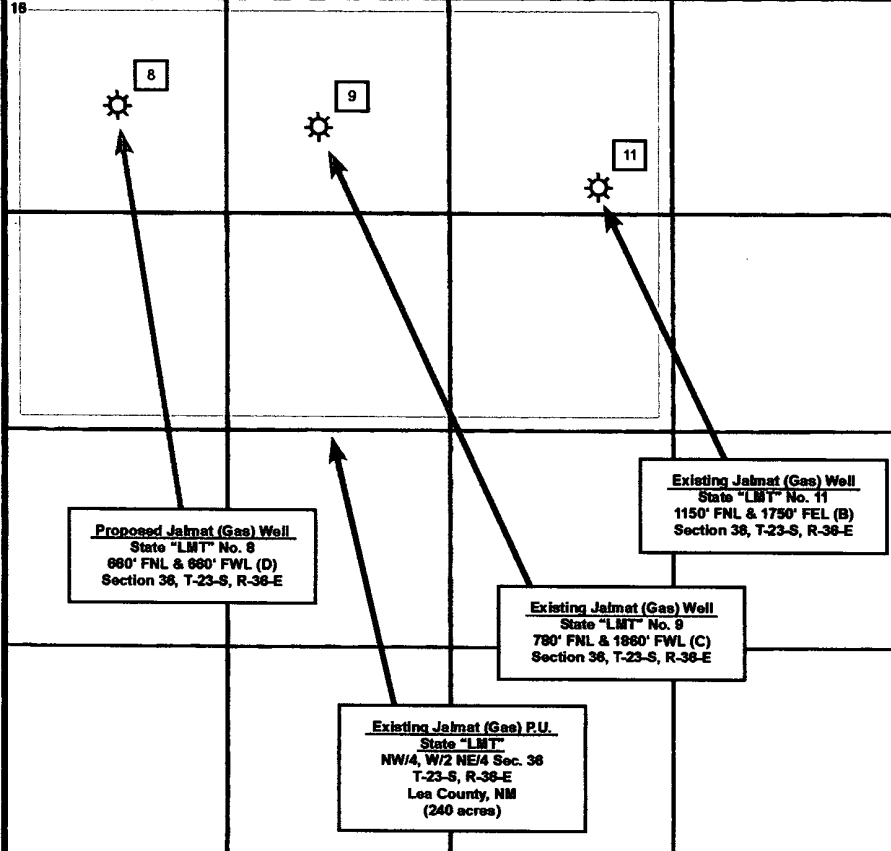

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
D	36	23S	36E		660'	North	660'	West	Lea

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
Dedicated Acres 240	Joint or Infill Y	Consolidation Code	Order No. <i>Amended</i> Administrative Order NSP-1517-A (SD), Approved 11/05/2004						

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

 <p><u>Proposed Jalmat (Gas) Well</u> State "LMT" No. 8 860' FNL & 860' FWL (D) Section 36, T-23-S, R-36-E</p> <p><u>Existing Jalmat (Gas) Well</u> State "LMT" No. 11 1150' FNL & 1750' FEL (B) Section 36, T-23-S, R-36-E</p> <p><u>Existing Jalmat (Gas) Well</u> State "LMT" No. 9 780' FNL & 1860' FWL (C) Section 36, T-23-S, R-36-E</p> <p><u>Existing Jalmat (Gas) P.U.</u> State "LMT" NW/4, W/2 NE/4 Sec. 36 T-23-S, R-36-E Lea County, NM (240 acres)</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p> Signature Steve Hartman Printed Name Engineer Title 04/11/2005 Date</p> <p>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.</p> <p>_____ Date of Survey Signature and Seal of Professional Surveyer:</p> <p>_____ Certificate Number</p>
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**BOP & Choke Manifold Diagram
State "LMT" #8
Unit D, Sec. 36, T-23-S, R-36-E
Lea County, NM**

BASE ROTARY TABLE

