

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., 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 and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-09235
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: STATE A A/C 1
8. Well Number 46
9. OGRID Number 194849
10. Pool name or Wildcat LANGLIE MATTIX 7 RVRS QUEEN, GB

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3425' RKB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type N/A Depth to Groundwater 149' Distance from nearest fresh water well 1000+ Distance from nearest surface water 1000+

Pit Liner Thickness: N/A mil Below-Grade Tank: Volume        bbls; Construction Material       

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	2. Name of Operator PETROHAWK OPERATING COMPANY
3. Address of Operator 1100 LOUISIANA, STE. 4400 HOUSTON TX 77002	4. Well Location Unit Letter <u>L</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>3</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3425' RKB	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>N/A</u> Depth to Groundwater <u>149'</u> Distance from nearest fresh water well <u>1000+</u> Distance from nearest surface water <u>1000+</u>	
Pit Liner Thickness: <u>N/A</u> mil Below-Grade Tank: Volume <u>      </u> bbls; Construction Material <u>      </u>	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.**

See attached for Procedure and Wellbore Schematic to Plug and Abandon Well

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any 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 ☐

SIGNATURE Anna Tarpey TITLE Regulatory Analyst DATE 05/16/06

Type or print name Anna Tarpey

E-mail address:

OC FIELD REPRESENTATIVE II/STAFF MANAGER Telephone No. 832-204-2760

For State Use Only

APPROVED BY Gay W. Wink TITLE        DATE MAY 19 2006

Conditions of Approval, if any:



**State A A/C-1 #46**  
**Jalmat Field**  
Lea County, NM

May 15, 2006

**Plug and Abandonment Procedure**

1. MIRU plugging rig. Dump 35' cement on top of CIBP at 3600'.
2. TIH with open ended workstring to PBTD and load hole with 10 ppg gelled brine.
3. Mix and spot 200' base of salt cement plug from 2875' to 2675' (23 sx of class A).
4. Perforate 5-1/2" casing at 1475'. Mix 200' top of salt cement plug (55 sx class A). Pump through perfs at 1475' leaving top of cement inside casing at 1275'.
5. Perforate 5-1/2" casing @ 390'. Mix surface plug (106 sx class A). Squeeze through perfs at 390', attempting to circulate cement to surface. Leave top of cement inside casing at surface.
6. Cut off wellhead, cap well and install P&A marker.
7. Clean location for OCD inspection.

→ WOC + TAG



FORM	TOP																													
		<b>STATE A A/C-1 #46</b> <b>CURRENT WELLBORE DIAGRAM</b> <b>MISSION RESOURCES</b>																												
		<b>SU-T-R</b> 3L-23S-36E <b>API #:</b> 30-025-09235 <b>POOL:</b> LANGLEIE MATTIS-7RVRS-QUEEN-GRAYBURG <b>CO, ST:</b> LEA, NEW MEXICO <b>LAND TYPE:</b> STATE <b>STATUS:</b> T&A <b>ACREAGE</b> 40.12 <b>LATEST RIG WORKOVER:</b> <b>DIAGRAM REVISED:</b> 4/21/2004 BY ERG																												
		<b>LOG ELEVATION:</b> 3,486' KB <b>GROUND ELEVATION:</b> 3,475'																												
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