

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

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

Form C-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-24635
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MISSION RESOURCES CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator 1100 LOUISIANA, STE. 1455 HOUSTON, TX 77002		7. Lease Name or Unit Agreement Name: ARES STATE
4. Well Location Unit Letter <u>A</u> : <u>660</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>16</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3454' DF		9. OGRID Number 148381
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 _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

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.

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

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

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 QCD-approved plan ☐

SIGNATURE [Signature] TITLE Regulatory Coordinator DATE 12/02/05

Type or print name Valorie J. Garza

E-mail address:

Telephone No. 832-369-2125

For State Use Only

APPROVED BY [Signature] DATE DEC 06 2005

Conditions of Approval, if any:

FORM	TOP																																																														
			<p>8 5/8" @ 380' w/250 sx Cmt</p> <p>200' cement plug 1270-1470'</p> <p>TOC @ 2,413' w/.75 SF</p> <p>200' cement plug from 2880-3080'</p> <p>CIBP @ 3300'± PERFS: 3,128-3,208' 3,128, 34, 46, 47, 61, 70, 72, 77, 79, 3,204, 06, 08'</p> <p>CIBP @ 3,590' on 1/91 PERFS: 3,619-34' 3,619, 22, 25, 28, 30, 34' CIBP @ 3,668' on 2/74 PERFS: 3,681-88' 5 1/2" @ 3,820' w/250 sx Cmt</p>																																																												
		<p>Top of salt @ 1370'</p> <p>Base of salt @ 2980'</p> <p>YATES 3,126'</p> <p>7 RVRS 3,338'</p> <p>QUEEN 3,795'</p> <p style="text-align: center;">TD 3,820'</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;"><b>ARES STATE #1</b></p> <p style="text-align: center;"><b>PROPOSED WELLBORE DIAGRAM</b></p> <p style="text-align: center;"><b>MISSION RESOURCES INC</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>SU-T-R</b> 16A-23S-36E</td> <td><b>API #:</b> 30-025-24635</td> </tr> <tr> <td colspan="2"><b>POOL:</b> JALMAT; TAN-YATES-7 RVRS (PRO GAS)</td> </tr> <tr> <td><b>CO, ST:</b> LEA, NEW MEXICO</td> <td><b>LAND TYPE:</b> STATE</td> </tr> <tr> <td><b>STATUS:</b> IN-ACTIVE</td> <td><b>ACREAGE</b> 40.12</td> </tr> <tr> <td colspan="2"><b>LATEST RIG WORKOVER:</b></td> </tr> <tr> <td colspan="2"><b>DIAGRAM REVISED:</b> 11/29/05 by D. McPherson</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>LOG ELEVATION:</b> 3,455' KB</p> <p><b>GROUND ELEVATION:</b> 3,442'</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">CASING</th> <th style="text-align: center;">LINER</th> <th style="text-align: center;">TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>12"</td> <td>7 7/8"</td> <td></td> </tr> <tr> <td>Pipe</td> <td>8 5/8"</td> <td>5 1/2"</td> <td>2 3/8"</td> </tr> <tr> <td>Weight</td> <td></td> <td></td> <td>4.7#</td> </tr> <tr> <td>Grade</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Thread</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depth</td> <td>380'</td> <td>3,820'</td> <td>104' jts</td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;"><b>LOGS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Compensated Density</td> <td>2/74</td> </tr> <tr> <td>Guard, Forxo</td> <td>2/74</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><b>TAN-YATES-7 RVRS ZONE HISTORY</b></p> <p>1/74 Spud. 2/74 Initial Completion</p> <p><b>Perforated</b> 3,681-88'</p> <p><b>Acidized</b> w/1000 gal MCA &amp; 2500 gal. Set CIBP @ 3,668'</p> <p><b>Perforated</b> 3,619-3,634'</p> <p><b>Acidized</b> w/1000 gal MCA &amp; 3000 gal N</p> <p>IPP 67 BOPD, 58 BWPD, 55 MCF</p> <p>6/75 Acidized 3,619-34' w/1000 gal for scale</p> <p><b>Before</b> 4.8 BOPD, 50 BW, 52 MCF</p> <p><b>After</b> 8.3 BO, 37 BW, 63 MCF</p> <p>5/86 Treat w/1000 gal Protexall for scale</p> <p><b>Before</b> 1.5 BO, 69 BW, 25 MCF</p> <p><b>After</b> 7.6 BO, 156 BW, 45 MCF</p> <p>1/91 Set CIBP @ 3,590'.</p> <p><b>Perforated</b> 3,128-3,208'</p> <p><b>Acidized</b> w/1032 gal 15% NE</p> <p><b>Frac</b> w/33,390 gal gel &amp; 97,000# sd</p> <p>2/91 Test 482 MCF &amp; 22 BW &amp; 0 BO</p> <p>3/96 SI</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;"><b>OPPORTUNITY</b></p> <p>Larger frac in Yates</p> <p>Possible perfs in U 7 Rvrs</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><b>LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY</b></p> <p>Did not produce</p> </div>	<b>SU-T-R</b> 16A-23S-36E	<b>API #:</b> 30-025-24635	<b>POOL:</b> JALMAT; TAN-YATES-7 RVRS (PRO GAS)		<b>CO, ST:</b> LEA, NEW MEXICO	<b>LAND TYPE:</b> STATE	<b>STATUS:</b> IN-ACTIVE	<b>ACREAGE</b> 40.12	<b>LATEST RIG WORKOVER:</b>		<b>DIAGRAM REVISED:</b> 11/29/05 by D. McPherson			CASING	LINER	TUBING	Hole	12"	7 7/8"		Pipe	8 5/8"	5 1/2"	2 3/8"	Weight			4.7#	Grade				Thread				Depth	380'	3,820'	104' jts	Mud wt				Compensated Density	2/74	Guard, Forxo	2/74												
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☒ OCD file

☒ Well File

**Mission Resources Corp.**

**Ares State #1**

**Jalmat Field**

**Lea County, NM**

**November 29, 2005**

**Plugging and Abandonment Procedure**

1. MIRU work over rig. Kill well. Install BPV. ND tree. NU BOP's.
2. POOH with rods & tubing.
3. RU EL. Run GR/junk basket to 3315'±. Set CIBP @ 3300'±. Dump bail cement on top of CIBP. Test casing to 500 psi..
4. TIH with workstring. Load hole with gelled 10# brine.
5. Mix and spot 200' cement plug from 2880-3080' (base of salt @ 2980').
6. Mix and spot 200' cement plug from 1270-1470' (top of salt @ 1370').
7. Perforate 5-1/2" casing at 450'.
8. Squeeze perfs @ 345' and circulate to surface with 150 sxs cement.
9. Cut off wellhead – weld on P&A marker.
10. Clean off location for OCD inspection.

↓ EITHER PERF + CIR. TO SURFACE  
OR PERF + SQZ. F/ 1420' - 1320'.