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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. 30-025-09298 |
| 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 89 |
| 9. OGRID Number 148381 |
| 10. Pool name or Wildcat JALMAT; TAN. YATES, 7-RVRS (GAS) 79240 |

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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3416' |
| 2. Name of Operator MISSION RESOURCES CORPORATION | |
| 3. Address of Operator 1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039 | |
| 4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u> | |
| 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 FRAC Tank Below-Grade Tank: Volume <u>500</u> bbls; Construction Material <u>Steel</u> | |

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

NOTICE OF INTENTION TO:

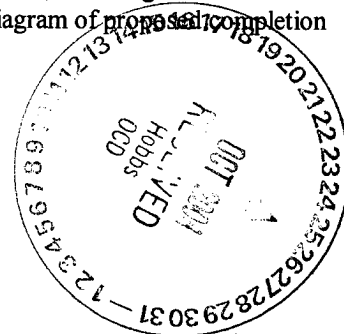
PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

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.

Add Perforations & Frac.
Please see attached Procedure with Wellbore Schematics.



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 Nancy K. Gatti TITLE Regulatory Coordinator DATE 10/22/04
E-mail address: nancy.gatti@mrccorp.com
Type or print name Nancy K. Gatti Telephone No. 713-495-3128

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE OCT 27 2004
Conditions of Approval, if any:

Mission Resources Corp.
AAC-1 #89
Jalmat Field
Lea County, NM
October 22, 2004

Work Over Procedure

1. MIRU work over rig. Pull tubing.
2. RU e-line unit.
3. Perforate Yates 1 spf at 3208, 3210, 3222 and 3228. Perforate 7 Rivers 2 spf at 3280, 3282, 3284, 1 spf at 3347, 3363, 3389, 2 spf at 3410, 3412, 1 spf at 3424, 3426, 3432, 2 spf at 3460, 3462, 3465, 1 spf at 3490, 3506, 3508, and 3510. Total of 30 holes.
4. Break down and acidize each NEW perf with PPI tool.
5. RIH and set packer on 4-1/2" tubing at 2850'. RD work over rig.
6. Frac well from 2885 – 3510' per recommendation with 300,000# sand and 70% CO2 foam.
7. Flow and test well. Pull 4-1/2" frac string and rerun tubing and rods.
8. Put well back on pump.

| FORM | TOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | <p>9 5/8" @ 320'</p> <p>w/300 sx Cmt</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <p>Cored 3,577-3,685'</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | <p style="text-align: center;">STATE A A/C-1 #89</p> <p style="text-align: center;">CURRENT WELLBORE DIAGRAM</p> <p style="text-align: center;">MISSION RESOURCES INC</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SU-T-R</td> <td>10N-23S-36E</td> <td>API #:</td> <td>30-025-09298</td> </tr> <tr> <td>POOL:</td> <td colspan="3">JALMAT; TAN-YATES-7 RVRs (PRO GAS)</td> </tr> <tr> <td>CO, ST:</td> <td>LEA, NEW MEXICO</td> <td>LAND TYPE:</td> <td>STATE</td> </tr> <tr> <td>STATUS:</td> <td>ACTIVE</td> <td>ACREAGE</td> <td>40.12</td> </tr> <tr> <td colspan="4">LATEST RIG WORKOVER:</td> </tr> <tr> <td colspan="4">DIAGRAM REVISED: 6/14/2004 BY RSL</td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>LOG ELEVATION: 3,427' DF</p> <p>GROUND ELEVATION: 3,417'</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th>CASING</th> <th>LINER</th> <th>TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>13 3/4"</td> <td>8 3/4"</td> <td></td> </tr> <tr> <td>Pipe</td> <td>9 5/8"</td> <td>7"</td> <td>2 3/8"</td> </tr> <tr> <td>Weight</td> <td>32#</td> <td>20#</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>320'</td> <td>3,655'</td> <td>3,305'</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-top: 10px;"> <p style="text-align: center;">LOGS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">TAN-YATES-7 RVRs ZONE HISTORY</p> <p>11/89 Recomplete</p> <p>Perforated 3,033-3,150'.</p> <p>Acidized 3,033-3,150 w/1000 gal 15%.</p> <p>Frac w/53,382 gal gel & 101,800# sand. Set RBP @ 3,013'.</p> <p>Perforated 2,885-2,964'.</p> <p>Acidize w/750 gal 15%</p> <p>Frac w/23,436 gal gel & 33,378# sand. Pull RBP. CO to 3,580.</p> <p>POP</p> <p>IP 3 BO, 0 BW, 447 MCF</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">OPPORTUNITY</p> <p>None seen - fair size frac job.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">LANGLIE MATTIX (LWR 7RVRs-QUEEN) HISTORY</p> <p>5/60 Spud. 6/60 Initial Completion.</p> <p>Open hole completion 3,655-85'</p> <p>Vibro-frac 3,676-80' w/10,000 gal oil & 10,000# sand.</p> <p>IP 104 BO, 416 BW</p> <p>6/68 TA well.</p> <p>11/89 Perforated 3593-98' Set RBP @ 3637'</p> <p>Acidized 3,593-98' w/1000 gal 15%. Pull RBP</p> <p>11/89 Set CIBP @ 3,580'</p> <p>Note: In 11/75 it was mentioned to use this well as offset injector to Arco's 7-River Queen unit.</p> </div> | SU-T-R | 10N-23S-36E | API #: | 30-025-09298 | POOL: | JALMAT; TAN-YATES-7 RVRs (PRO GAS) | | | CO, ST: | LEA, NEW MEXICO | LAND TYPE: | STATE | STATUS: | ACTIVE | ACREAGE | 40.12 | LATEST RIG WORKOVER: | | | | DIAGRAM REVISED: 6/14/2004 BY RSL | | | | | CASING | LINER | TUBING | Hole | 13 3/4" | 8 3/4" | | Pipe | 9 5/8" | 7" | 2 3/8" | Weight | 32# | 20# | 4.7# | Grade | | | | Thread | | | | Depth | 320' | 3,655' | 3,305' | Mud wt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SU-T-R | 10N-23S-36E | API #: | 30-025-09298 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POOL: | JALMAT; TAN-YATES-7 RVRs (PRO GAS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CO, ST: | LEA, NEW MEXICO | LAND TYPE: | STATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STATUS: | ACTIVE | ACREAGE | 40.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LATEST RIG WORKOVER: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DIAGRAM REVISED: 6/14/2004 BY RSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CASING | LINER | TUBING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hole | 13 3/4" | 8 3/4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipe | 9 5/8" | 7" | 2 3/8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight | 32# | 20# | 4.7# | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thread | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Depth | 320' | 3,655' | 3,305' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mud wt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TANSILL | 2,852' (file pick) | | <p>TOC @ 2,215' by Temp Surv.</p> <p>Perfs: 2,885-2,964' 2885, 98, 2902, 16, 24, 27, 44, 58, 64'</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YATES | 3,019' | | <p>Perfs: 3,033-3,150' on 11/89 3033, 37, 40, 59, 74, 81, 3102, 08, 12, 27, 50'</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 RVRs | 3,231' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QUEEN | 3,636' | | <p>CIBP @ 3,580' on 11/89</p> <p>Perfs: 3,593-98'</p> <p>7" @ 3,655' w/250 sx Cmt</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>TD 3,685'</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

☒ Well File

☒ OCD

Current