

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. <b>30-025-09348</b>
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: <b>STATE A A/C-1</b>
8. Well Number <b>074</b>
9. OGRID Number <b>194849</b>
10. Pool name or Wildcat <b>JALMAT; TAN, YATES, 7-RVRS (GAS) 79240</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type <b>N/A</b> Depth to Groundwater <b>149'</b> Distance from nearest fresh water well <b>1000'+</b> Distance from nearest surface water <b>1000'+</b>
Pit Liner Thickness: <b>N/A</b> mil Below-Grade Tank: Volume <b>500</b> bbls; Construction Material <b>STEEL</b>

**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
2. Name of Operator <b>PETROHAWK OPERATING COMPANY</b>
3. Address of Operator <b>1100 LOUISIANA, SUITE 4400</b>
4. Well Location Unit Letter <b>E</b> : <b>1980</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>WEST</b> line Section <b>13</b> Township <b>23S</b> Range <b>36E</b> NMPM County <b>LEA</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
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12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input 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"/>	

SUBSEQUENT REPORT OF:

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 the proposed date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see attached procedure and wellbore schematic

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 04/03/06

Type or print name **Anna Tarpey**

E-mail address: **atarpey@petrohawk.com**  
Telephone No. **832-204-2760**

For State Use Only

APPROVED BY Harry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER

Conditions of Approval, if any:

APR 10 2006

**Petrohawk Energy Corporation**  
**Jalmat Field**  
**Lea County, New Mexico**

**Project:** Squeeze Yates perforations and add-pay in the Seven Rivers

**Well:** State A A/C-1 #74

**Procedure:**

1. Test pulling unit anchors if they have not been tested within 2 years
2. MIRU PU
3. Install BOP, POOH scan tbg out of hole, lay down all green and red band tbg
4. PU 6 1/4" bit and scraper RIH to PBTD @ 3590', POOH
5. PU 7" Pkr and RIH set Pkr @ 2700'+/-
6. RU cement company squeeze Yates perforations from 2958' to 3161'
7. Release pkr and pull up hole
8. WOC overnight
9. POOH and LD pkr
10. PU 6 1/4" bit & DC's RIH, drill out cement, continue in hole @ 3590' circ hole clean
11. POOH and lay down DC's and bit
12. PU 4 1/2" X 7" liner shoe, 1 joint 4 1/2" liner, float collar, and remainder of 4 1/2" liner, RIH
13. Set liner on CIBP @ 3590', RU cementing company, cement liner in place
14. WOC 12 hrs minimum
15. RIH with 3 3/4" bit, slim hole DC's on 2 3/8" tbg and clean out liner to float collar
16. POOH and lay down, DC's and bit
17. RU wireline co and run cased hole log
18. Perforate pay in the 7 Rivers at 3225'(2 spf), 3227'(2 spf), 3240'(2 spf), 3245'(2 spf), 3247'(2 spf), 3249'(2 spf), 3260'(2 spf), 3270', 3280', 3292', 3304'(2 spf), 3324', 3344'(2 spf), 3346'(2 spf), 3348'(2 spf), 3352', 3358'(2 spf), 3378', 3386'(2 spf), 3390'(2 spf), 3392', 3395', 3397', 3399'(2 spf), 3421', 3423', 3428', 3432'(2 spf), 3434'(2 spf)
19. Acidize perms with 2500 gals 7 1/2% NEFE HCl with PPI tool, POOH w/ PPI tool
20. Fracture stimulate 7 Rivers perforations.
21. Force close fracture and begin flow back
22. RIH w/ 2 3/8" production tbg, PU MA and TAC, set TAC, RIH with pump w/GA and rods
23. Pump test well

FORM	TOP																																		
		<b>STATE A A/C-1 #74</b> <b>PROPOSED WELLBORE DIAGRAM</b> <b>MISSION RESOURCES</b>																																	
		<b>SU-T-R</b> 13E-23S-36E <b>API #:</b> 30-025-09348 <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> Active <b>ACREAGE</b> 40.12 <b>LATEST RIG WORKOVER:</b> <b>DIAGRAM REVISED:</b> 4/21/2004 BY RSL																																	
		<b>LOG ELEVATION:</b> N/R <b>GROUND ELEVATION:</b> 3,401'																																	
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		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>9 5/8" @ 320' w/300 sx Cmt</p> <p>YATES 2,935'</p> <p>7 RVRS 3,184'</p> <p>QUEEN 3,542'</p> <p style="text-align: center;">TD 3,629'</p> </div> <div style="width: 65%;"> <p>TOC est @ 2,230'</p> <p><b>Squeeze Perfs 2958-3161'</b>  <b>Perf: 3225-3432'</b>            3225 (2 spf), 27 (2 spf), 40 (2 spf), 45 (2 spf),            47 (2 spf), 49 (2 spf), 60 (2 spf), 70, 80, 92,            3304 (2 spf), 24, 44 (2 spf), 46 (2 spf), 48 (2 spf),            52, 58 (2 spf), 78, 86 (2 spf), 90 (2 spf), 92,            95, 97, 99 (2 spf), 3421, 23, 28, 32 (2 spf),            3434' (2 spf)            Set 4 1/2" Liner on CIBP &amp; cmt            CIBP @ 3,590' on 9/22/93            7" @ 3,596' w/250 sx Cmt</p> </div> </div>																																	