

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. 30-025-08878
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-2
8. Well Number 036
9. OGRID Number 194849
10. Pool name or Wildcat JALMAT; TAN, YATES, 7-RVRS (GAS) 79240

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

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater **170'** Distance from nearest fresh water well **1000' +** Distance from nearest surface water **1000' +**

Pit Liner Thickness: _____ 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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other _____	7. Lease Name or Unit Agreement Name: STATE A A/C-2
2. Name of Operator PETROHAWK OPERATING COMPANY	8. Well Number 036
3. Address of Operator 1100 LOUISIANA, SUITE 4400	9. OGRID Number 194849
4. Well Location Unit Letter M : 660 feet from the SOUTH line and 660 feet from the WEST line Section 11 Township 22S Range 36E NMPM County LEA	10. Pool name or Wildcat JALMAT; TAN, YATES, 7-RVRS (GAS) 79240
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

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 [Signature] 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 [Signature]

OCD FIELD REPRESENTATIVE II/STAFF MANAGER
TITLE _____

APR 10 2006

Conditions of Approval, if any:

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-2 #36

Procedure:

1. Test pulling unit anchors if they have not been tested within 2 years
2. MIRU PU
3. Install BOP, POOH scan 2 3/8" tbg out of hole, lay down all green and red band tbg
4. PU 7 7/8" bit and DC's on 2 3/8" tbg, RIH to PBTD @ 3490', RU air package and drill out PBTD to new PBTD of 3850' (Note: fill @ 3326')
5. POOH and lay down DC's and bit
6. PU 5 1/2" X 8 5/8" liner shoe, 1 joint of 5 1/2" liner, float collar, and remainder of 5 1/2" liner
7. Set liner on PBTD @ 3800', RU cementing company, RU nitrogen truck and blow hole clean, cement liner in place,
8. WOC 12 hrs minimum
9. RIH with 4 3/4" bit, DC's on 2 3/8" tbg and clean out to liner float collar circulate hole clean,
10. POOH and lay down, DC's and bit
11. RU wireline co and run cased hole logs
12. Add additional pay in the 7 Rivers (Perfs will be picked after well is logged)
13. Acidize perfs with 2500 gals of 7 1/2% NEFE HCl with PPI tool, POOH with tbg and PPI tool
14. Fracture stimulate 7 Rivers perforations.
15. Force close fracture and begin flow back
16. RIH w/ 2 3/8" production tbg, PU MA and TAC, set TAC, RIH with pump w/GA and rods
17. Pump test well

FORM	TOP																																		
			State AAC-2 #36 PROPOSED WELLBORE DIAGRAM RAPTOR RESOURCES INC																																
			SU-T-R 11M-22S-36E API #: 30-025-08878-0000 POOL: JALMAT; TAN-YATES-7 RVRS (PRO GAS) CO, ST: LEA, NEW MEXICO LAND TYPE: STATE STATUS: ACTIVE ACREAGE 40.12 LATEST RIG WORKOVER: 8/15/02 DIAGRAM REVISED: 3/3/2006 BY RSL																																
			<div style="border: 1px solid black; padding: 2px; width: fit-content; margin-left: auto;"> LOG ELEVATION: N/R GROUND ELEVATION: 3,549' </div>																																
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 15%;">CASING</th> <th style="width: 15%;">LINER</th> <th style="width: 15%;">TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>15"</td> <td>11"</td> <td></td> </tr> <tr> <td>Pipe</td> <td>12 1/4"</td> <td>8 5/8"</td> <td>2 3/8"</td> </tr> <tr> <td>Weight</td> <td>50#</td> <td>28#</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>285'</td> <td>3,112'</td> <td>3,364'</td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		CASING	LINER	TUBING	Hole	15"	11"		Pipe	12 1/4"	8 5/8"	2 3/8"	Weight	50#	28#	4.7#	Grade				Thread				Depth	285'	3,112'	3,364'	Mud wt			
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7 RVRS	3,490'																																		
QUEEN	3,847'																																		
		<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">TAN-YATES-7 RVRS ZONE HISTORY</p> <p>10/16/46 Spud. 11/10/46 Initial Completion Perforated OH 3,112-3,490' Ran 2-3/8" prod tubing to 3,360' IP 0 BOPD, 0 BWPD, 4200 MCF Tested wet @ 3,930-39' Plugged back to 3,490' Letter in 1951 mentions a hole in the csg that was sqzd.</p> </div>																																	
		<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">PROPOSED</p> <p>DO PBTD to new PBTD 3,800' Set 5 1/2" Liner @ PBTD 3,800', cmt Log well Perf 7 Rivers (to be determined after DO & logged) Acidize perfs w/2500 gals 7 1/2% NEFE HCl w/PPI tool Frac 7 Rivers perfs Flow or pump test well.</p> </div>																																	
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