

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. 30-025-35567 ✓
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 080 ✓
9. OGRID Number 194849 ✓
10. Pool name or Wildcat JALMAT TANSILL YATES 7 RVRS (pro gas) ✓

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 <input type="checkbox"/>	2. Name of Operator PETROHAWK OPERATING COMPANY ✓
3. Address of Operator 1000 LOUISIANA, STE 5600, HOUSTON, TX 77002	4. Well Location Unit Letter <u>F</u> : <u>1980</u> feet from the <u>NORTH</u> line and <u>1980</u> feet from the <u>WEST</u> line ✓ Section <u>11</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3546	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ 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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" 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.

RECEIVED

FEB 02 2009

HOBBSOCD

Please see attached Procedure with Wellbore Schematics.

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 constructed or closed according to NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Eddie W. Seay TITLE Regulatory Consultant DATE 02/02/2009
Type or print name EDDIE SEAY E-mail address: seay04@leaco.net Telephone No. 505-390-2454

For State Use Only

APPROVED BY Malety Brown TITLE MSB DATE 2/3/2009
Conditions of Approval, if any:

COMPLIANCE OFFICER

Petrohawk Operating Company

State A A/C -2 Well # 80

Jalmat Field

Sec 11F, T 22S, R 36E

Lea County, New Mexico

Plug & Abandonment Procedure:

1. MIRU Plugging Rig. ND wellhead. NU BOPS.
2. PU 2 3/8" work string and TIH w/ open ended tubing to CIBP located at 2880'. Load hole with 10 ppg gelled brine.
3. Mix and spot 300' (34 sks Class "C") cement plug on top of CIBP from 2880' - 2580'.
4. Perforate 5 1/2" casing at 1750'. Mix and pump 200' (52 sks Class "C") cement plug through perfs at 1750' leaving top of cement inside the 5 1/2" casing at 1550'. WOC and tag top of plug to verify depth. *SPDT 25 SKS OR 100' CMT (WHICH EVER IS GREATER) 674' - 574' WOC & TAG. SHOE PLUG.*
5. Perforate 5 1/2" casing at 350'. Mix surface cement plug (95 sks Class "C") and squeeze through perfs at 350' attempting to circulate cement to surface. Leave top of cement inside casing at the surface.
6. Cutoff wellhead, cap well and install P&A marker.
7. Clean location for OCD inspection.

01/29/2009

FORM	TOP																																																																					
		<p>TOC @ 430'</p> <p>Per Temp Survey; See below.</p> <p>8-5/8" @ 624'</p> <p>w 330 sx Cml</p> <p>58 sxs to pit.</p>	<p align="center">STATE A/C 2 # 80</p> <p align="center">CURRENT WELLBORE DIAGRAM</p> <p align="center">RAPTOR RESOURCES INC</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SU-T-R</td> <td>11F-22S-36E</td> <td>API #: 30-025-35567</td> </tr> <tr> <td>POOL:</td> <td colspan="2">JALMAT-TAN-YATES-7 RVRS (Pro Gas)</td> </tr> <tr> <td>CO, ST:</td> <td>LEA, NEW MEXICO</td> <td>LAND TYPE: STATE</td> </tr> <tr> <td>STATUS:</td> <td>TA</td> <td>ACREAGE ProRated</td> </tr> <tr> <td>LATEST RIG WORKOVER:</td> <td>6/20/03</td> <td>640 Ac Gas Unit</td> </tr> <tr> <td>DIAGRAM REVISED:</td> <td colspan="2">1/28/2009</td> </tr> </table> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <p>CBL and stuck packer indicate cement problems 2900' to surface No further discussion in files.</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td>LOG ELEVATION:</td> <td>DF 3555'</td> </tr> <tr> <td>GROUND ELEVATION:</td> <td>3546'</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th colspan="2">CASING</th> <th>TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>12-1/4"</td> <td>7-7/8"</td> </tr> <tr> <td>Pipe</td> <td>8-5/8"</td> <td>5-1/2"</td> </tr> <tr> <td>Weight</td> <td>24#</td> <td>15.5#</td> </tr> <tr> <td>Grade</td> <td></td> <td></td> </tr> <tr> <td>Thread</td> <td></td> <td></td> </tr> <tr> <td>Depth</td> <td>624'</td> <td>4015'</td> </tr> <tr> <td>Mud wt</td> <td>9.0</td> <td>10.0</td> </tr> <tr> <td>Cml</td> <td>330 sx</td> <td>675 sx</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th colspan="2">LOGS</th> </tr> </thead> <tbody> <tr> <td>In File</td> <td></td> </tr> <tr> <td>Mud log</td> <td></td> </tr> <tr> <td>Haiburton Spectral Density</td> <td>6/1/01</td> </tr> <tr> <td>Dual Spaced Neutron</td> <td></td> </tr> <tr> <td>GR/DLL/Micro-SFL</td> <td>6/1/01</td> </tr> <tr> <td>Logs run but not in file</td> <td>6/1/01</td> </tr> <tr> <td>CBL</td> <td>8/22/01</td> </tr> <tr> <td>Temp log</td> <td>6/5/01</td> </tr> </tbody> </table> <div style="margin-top: 10px;"> <p align="center">TAN-YATES-7 RVRS ZONE HISTORY</p> <p>8/7/01 OCD Order approving unorthodox infill well and dedication to 640 ac GPU</p> <p>6/27/01 Spud.</p> <p>Perforated: Select 22 holes 2957'-3537'</p> <p>Acidizer Spot 1000g 15% NEFE</p> <p>Treat each perf w/PPI tool and total of 1000g 15% NEFE</p> <p>Frac: w/ 66,234 g 40# Water Frec G foamed to 65 quality w/ 327T CO2 carrying 50,120# 20/40 and 193,000# 12/20 Brady</p> <p>Test: Swabbed and flowed well for 7 days. Max rate +/- 2 MCFO Developed casing problems while testing. Well has not produced.</p> <p>6/20/03 Set CIBP @ 2900' TA well.</p> <p align="center">OPPORTUNITY</p> <p>Casing problems exist.</p> </div> <div style="margin-top: 10px;"> <p align="center">QUEEN ZONE HISTORY</p> <p>No Queen completion attempted.</p> </div>	SU-T-R	11F-22S-36E	API #: 30-025-35567	POOL:	JALMAT-TAN-YATES-7 RVRS (Pro Gas)		CO, ST:	LEA, NEW MEXICO	LAND TYPE: STATE	STATUS:	TA	ACREAGE ProRated	LATEST RIG WORKOVER:	6/20/03	640 Ac Gas Unit	DIAGRAM REVISED:	1/28/2009		LOG ELEVATION:	DF 3555'	GROUND ELEVATION:	3546'	CASING		TUBING	Hole	12-1/4"	7-7/8"	Pipe	8-5/8"	5-1/2"	Weight	24#	15.5#	Grade			Thread			Depth	624'	4015'	Mud wt	9.0	10.0	Cml	330 sx	675 sx	LOGS		In File		Mud log		Haiburton Spectral Density	6/1/01	Dual Spaced Neutron		GR/DLL/Micro-SFL	6/1/01	Logs run but not in file	6/1/01	CBL	8/22/01	Temp log	6/5/01
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		<p>PBTD 3973'</p> <p>TD 4015'</p>	<p>CIBP @ 2880' (1-21-09)</p> <p>CIBP @ 2900'</p> <p>Perf : 1 SPF - 22 holes 2957, 3012, 3037, 3067, 3134, 3152, 3174, 3178, 3184, 3190, 3214, 3238, 3259, 3265, 3284, 3301, 3314, 3327, 3428, 3444, 3516, 3537</p> <p>5-1/2" @ 4015' w 675 sx Cml Did not circulate to surface.</p>																																																																			