

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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.

30-025-09293- 09255

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
302435

7. Lease Name or Unit Agreement Name

STATE A A/C 1

8. Well Number 18

9. OGRID Number 194849

10. Pool name or Wildcat

Jalmat;TAN,YATES,(PROGAS)

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 ☐ Gas Well ☒ Other

2. Name of Operator

PETROHAWK OPERATING COMPANY

3. Address of Operator

1000 LOUISIANA SUITE 5600 HOUSTON, TEXAS 77002

4. Well Location

Unit Letter M : 660 feet from the SOUTH line and 660 feet from the WEST line

Section 22 4 Township 23S Range 36E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3360' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type n/a Depth to Groundwater Distance from nearest fresh water well 1000'+ Distance from nearest surface water 1000'+

Pit Liner Thickness: n/a 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 COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

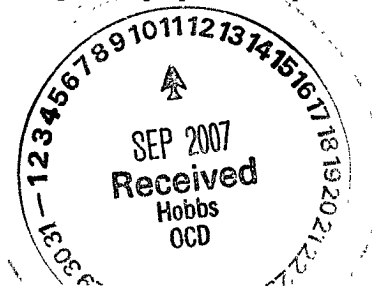
COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/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 proposal.



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

TITLE

Engineer

DATE

9/10/07

Type or print name Joshua Greenleaf

E-mail address: jgreenleaf@petrohawk.com

Telephone No. 832-369-2176

For State Use Only

APPROVED BY:

Harry W. Wink

TITLE

OC FIELD REPRESENTATIVE H/STAFF MANAGER

DATE

SEP 11 2007

Conditions of Approval (if any):



Lease and Well#: State A A/C-1 #18
Field: Jalmat Field
County: Lea County, NM

Date: May 18, 2007

Clean Out Well, Run Liner, Perforate and Stimulate the Tansill/Yates

1. MIRU workover rig. ND wellhead. NU BOP.
2. POH laying down rods, pump and tubing.
3. PU 7-5/8" bit, drill collars and 2-7/8" workstring. TIH to bottom of 8-5/8" casing at 3050'. Est circ with mud and LCM.
4. Clean out hole to PBTD at 3443'. Circ clean. POH laying down equipment.
5. PU and run in hole w/4-1/2"x7" liner shoe, 1 jt of 4-1/2" liner, float collar and remainder of 4-1/2" casing to 3443'.
6. RU cementing company and cement liner in place. WOC at least 12 hours.
7. TIH w/3-3/4" bit and slim hole drill collars on 2-3/8" production tubing. Cleanout liner to shoe. Circulate clean. POH, laying down collars and bit.
8. RU wireline. Run Cement Bond and Cased Hole Neutron logs. Perfs will be picked from the Cased Hole Neutron log. No more than 30 perfs will be shot. All shots are 1 SPF.
9. TIH 4-1/2" treating packer and set at 3000'. Acidize well with 3000 gals 15% HCL and 60 ball sealers. Drop ball sealers evenly throughout the job after the first 500 gals.
10. Release packer and TIH to PBTD to knock ball sealers off perfs. POH.
11. RU 4-1/2" frac valve and treating equipment. Frac well per stimulation company procedure.
12. Force close frac. Flowback after equipment is rigged down and off location.
13. Check for fill with sandline and sinker bar. Clean out well with notched collar and foam air unit if required.
14. TIH w/mud anchor, perf sub, SN and 2-3/8" tubing. Hang tubing off as low as possible. ND BOP. NU tree. Run rods and pump. Put well on production.

FORM	TOP																																																										
			<div style="text-align: center;"> STATE A A/C-1 #18 WELLBORE DIAGRAM PETROHAWK OPERATING CO. </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SU-T-R</td> <td>4M-22S-36E</td> <td>API #:</td> <td>30-025-09255</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></td> </tr> <tr> <td colspan="4">LATEST RIG WORKOVER:</td> </tr> <tr> <td colspan="4">DIAGRAM REVISED: 5/18/2007 BY C. Morro</td> </tr> </table> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> LOG ELEVATION: 3,498' DF GROUND ELEVATION: </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th></th> <th>CASING</th> <th>LINER</th> <th>TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pipe</td> <td>12 1/2"</td> <td>8 5/8"</td> <td>4-1/2" 2 3/8"</td> </tr> <tr> <td>Weight</td> <td>50#</td> <td>28#</td> <td>11 6# 4.7#</td> </tr> <tr> <td>Grade</td> <td></td> <td>J-55</td> <td>J-55</td> </tr> <tr> <td>Thread</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depth</td> <td>209'</td> <td>3,050'</td> <td>3,400' 3,430'</td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> LOGS No E-log available </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> TAN-YATES-7 RVRS ZONE HISTORY 11/46 Spud. 12/46 OH compl 3,050-3,525' No stimulation. Tested at 24,000 MCFD. 9/54 PB OH to 3,443' w/lead wool, wood plug, cmt & pea gravel. Objective to seal off water. Tested 4760 MCFPD 10/89 CO OH to 3,417'. POP Lasser Cum for zone is 5.23 BCF. 3.8 BCF pre 1970. </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> OPPORTUNITY </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY Queen did not produce. Projected Queen top 200+ feet below TD of well. </div>	SU-T-R	4M-22S-36E	API #:	30-025-09255	POOL:	JALMAT; TAN-YATES-7 RVRS (PRO GAS)			CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE	STATUS:	ACTIVE	ACREAGE		LATEST RIG WORKOVER:				DIAGRAM REVISED: 5/18/2007 BY C. Morro					CASING	LINER	TUBING	Hole				Pipe	12 1/2"	8 5/8"	4-1/2" 2 3/8"	Weight	50#	28#	11 6# 4.7#	Grade		J-55	J-55	Thread				Depth	209'	3,050'	3,400' 3,430'	Mud wt			
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☒ Well File

☒ OCD File

PROPOSED