

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. 30-025-09406
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 052
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 N/A Depth to Groundwater 149' 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 _____

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 PETROHAWK OPERATING COMPANY
3. Address of Operator 1100 LOUISIANA, SUITE 4400
4. Well Location Unit Letter <u>K</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>24</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>
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
E-mail address: atarpey@petrohawk.com
Type or print name Anna Tarpey Telephone No. 832-204-2760

For State Use Only

APPROVED BY [Signature] OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE 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-1 #52

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 4 3/4" bit and scraper RIH to PBTD @ 3500', POOH
5. PU 5 1/2" CICR and RIH set CR @ 3290'+/-
6. RU cement company squeeze 7 Rivers perforations under retainer from 3313' to 3396', sting out of retainer spot cement across Yates perforations from 2936' to 3212', pull up hole and bull head squeeze Yates
7. WOC overnight
8. PU 4 3/4" bit & DC's RIH, drill out CICR @ 3290' and cement, continue in hole to CIBP @ 3500', circ hole clean
9. POOH and lay down DC's and bit
10. PU 4" X 5 1/2" liner shoe, 1 joint 4" FL4S liner, float collar and remainder of 4" FL4S liner
11. Set liner on CIBP @ 3500', RU cementing company, cement liner in place, flush with 2% KCl
12. WOC 12 hrs minimum
13. RIH with 3 1/4" bit, slim hole DC's on 2 3/8" tbg and clean out liner to float collar
14. POOH and lay down, DC's and bit
15. RU wireline co run cased hole log
16. Add additional pay in the 7 Rivers from 3248', 3251'(2 spf), 3260', 3262', 3296', 3300', 3305', 3310'(2 spf), 3312'(2 spf), 3315'(2 spf), 3317'(2 spf), 3322'(2 spf), 3324'(2 spf), 3325'(2 spf), 3326'(2 spf), 3328'(2 spf), 3339', 3346'(2 spf), 3348'(2 spf), 3351'(2 spf), 3357'(2 spf), 3360'(2 spf), 3362'(2 spf), 3364'(2 spf), 3376', 3383'(2 spf), 3385' (2 spf).
17. Acidize perms with 2500 gals of 7 1/2% NEFE HCl with PPI tool, POOH with PPI tool
18. Fracture stimulate 7 Rivers perforations.
19. Force close fracture and begin flow back
20. RIH on 2 3/8" production tbg, PU MA and TAC, RIH with pump w/GA and rods
21. Pump test well

FORM	TOP																																						
		STATE A A/C-1 #52 PROPOSED WELLBORE DIAGRAM MISSION RESOURCES																																					
		SU-T-R 24K-23S-36E API #: 30-025-09406 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: 3/3/2006 BY RSL																																					
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