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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-025-10711

5. Indicate Type of Lease STATE [x] FEE [ ]

6. State Oil & Gas Lease No.

## 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.)

7. Lease Name or Unit Agreement Name: MATKINS

1. Type of Well: Oil Well [ ] Gas Well [x] Other

8. Well Number 004

2. Name of Operator PETROHAWK OPERATING COMPANY

9. OGRID Number 194849

3. Address of Operator 1100 LOUISIANA, SUITE 4400

10. Pool name or Wildcat JALMAT;TAN,YATES,7-RVRS(GAS) 79240

4. Well Location

Unit Letter K : 1650 feet from the WEST line and 1980 feet from the SOUTH line

Section 14 Township 23S Range 36E NMPM County LEA

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 500 bbls; Construction Material STEEL (FRAC TANKS)

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | [X] | PLUG AND ABANDON | [ ] | REMEDIAL WORK | [ ] | ALTERING CASING | [ ] |
| TEMPORARILY ABANDON | [ ] | CHANGE PLANS | [ ] | COMMENCE DRILLING OPNS. | [ ] | PLUG AND ABANDONMENT | [ ] |
| PULL OR ALTER CASING | [ ] | MULTIPLE COMPLETION | [ ] | CASING TEST AND CEMENT JOB | [ ] | | |
| OTHER: | [ ] | | | 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.

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 _____ 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 Gary W. Wink TITLE 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: Matkins #4**

**Procedure:**

1. Test pulling unit anchors if they have not been tested within 2 years
2. MIRU PU
3. Install BOP, sting out of pkr @ 3515' and POOH scan tbg out of hole, lay down all green and red band tbg
4. PU 4 ¾" bit and scraper RIH to PBTD @ 3515', POOH
5. PU 5 ½" CIBP and RIH set CIBP @ 3500'-, POOH and PU pkr, RIH and set pkr @ 2700+/-
6. RU cement company squeeze Yates perforations from 2944' to 3202'
7. Release pkr and pull up hole
8. WOC overnight
9. POOH and LD pkr
10. PU 4 ¾" bit & DC's RIH, drill out cement, continue in hole to CIBP @ 3500', circulate hole clean
11. POOH and lay down DC's and bit
12. PU 4" X 5 ½" liner shoe, 1 joint of 4" FL4S liner, 4" float collar, and remainder of 4" FL4S liner
13. Set liner on CIBP @ 3500', RU cementing company, cement liner in place
14. WOC 12 hrs minimum
15. RIH with 3 ¼" bit, slim hole DC's on 2 3/8" tbg and clean out liner to liner shoe
16. POOH and lay down, DC's and bit
17. RU wireline co and run cased hole logs
18. Add additional pay in the 7 Rivers at 2955, 2976, 2985, 2990, 3008, 3018, 3043, 3049, 3060, 3070, 3075, 3125, 3145, 3198', 3200', 3202', 3204', 3206', 3214', 3225', 3231', 3240', 3263', 3276', 3278', 3306', 3313', 3315', 3317', 3319', 3321', 3324', 3327', 3335', 3337', 3347', 3352', 3356', 3366', 3368', 3387', 3392', 3395', 3398', 3402', 3418'
19. Acidize perfs with 2500 gals of 7 ½% NEFE HCl with PPI tool, POOH with tbg and PPI tool
20. Fracture stimulate 7 Rivers perforations.
21. Force close fracture and begin flow back
22. RIH on 2 3/8" production tbg, PU MA and TAC, set TAC, RIH with pump and rods
23. Pump test well

# MATKINS #4

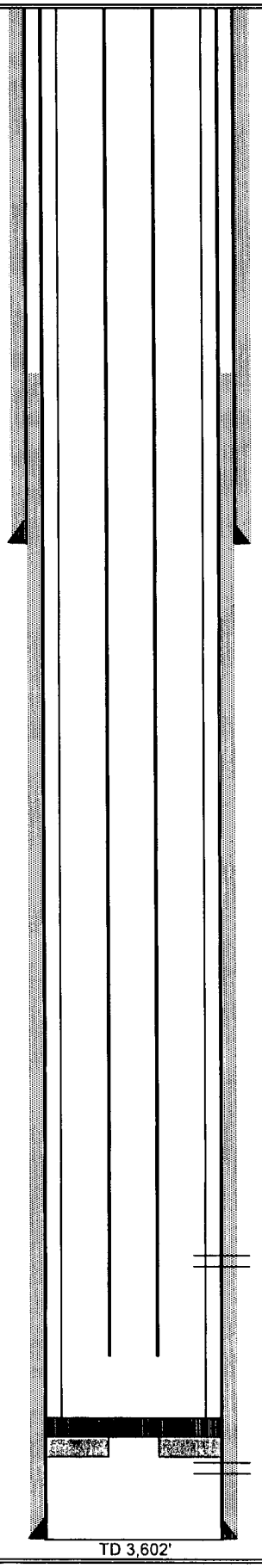
## CURRENT WELLBORE DIAGRAM

## MISSION RESOURCES

| | | | |
|---|---|---|---|
| **SU-T-R** | 14K-23S-36E | **API #:** | 30-025-10711 |
| **POOL:** | JALMAT & LANGLIE MATTIX DUAL | | |
| **CO, ST:** | LEA, NEW MEXICO | **LAND TYPE:** | STATE |
| **STATUS:** | ACTIVE | **ACREAGE** | 40.12 |
| LATEST RIG WORKOVER: | | | |
| DIAGRAM REVISED: | 5/12/2004 BY ERG | | |

LOG ELEVATION: 3,378' KB
GROUND ELEVATION: 3,366'

| FORM | TOP |
|---|---|
| TANSILL | 2,800' (file pick) |
| YATES | 2,936' |
| 7 RVRS | 3,150' |
| QUEEN | 3,525' |




TOC @ 790' w/.75 SF

8 5/8" @ 1,187'
w/500 sx Cmt, circ to surf.

**Squeeze PERFS: 2,944-3,202'**

**Perfs: 2955-3418'**
2955, 76, 85, 90, 3008, 18, 43, 49, 60, 70, 75, 3125, 45, 98, 3200, 02, 04, 06, 14, 25, 31, 40, 50, 63, 76, 78, 98, 3306, 13, 15, 17, 19, 21, 24, 27, 35, 37, 47, 52, 56, 66, 68, 87, 92, 95, 98, 3402, 18'

Set 4" liner on CIBP, cmt in place
Set CIBP @ 3,500'
Model "D" @ 3,515'
**PERFS: 3,558-98'**
3,558, 70, 93' (2SPF)
3,582, 89, 98' (1SPF)
5 1/2" @ 3,601' w/500 sx Cmt

| CASING | | | LINER | TUBING |
|---|---|---|---|---|
| Hole | 11" | 7 7/8" | | |
| Pipe | 8 5/8" | 5 1/2" | | 2 3/8" |
| Weight | 24# | 15.5 & 20# | | 4.7# |
| Grade | | | | |
| Thread | | | | |
| Depth | 1,187' | 3,601' | | |
| Mud wt | | | | |

| LOGS | | | |
|---|---|---|---|
| Nuclear | | | 6/62 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

### TAN-YATES-7 RVRS ZONE HISTORY

**8/65** Dual w/Queen.
**Perforated** 2,944-3,202'
**Acidized** w/2000 gal 15%
**SOT** w/20,000 gal oil & 20,000# sand
**Test** 1270 MCF & 10 BLO
**(Complete as dual)**
**7/01** Flow tst 0 BO, 36 MCF

### OPPORTUNITY

Set CIBP @ 3,500'
Squeeze Yates perfs 2.944-3.202'
DO CICR @ 2,875'
Set 4" liner on CIBP @ 3,500', cmt in place
Perf 7 Rivers 2,955-3,418'
Acidize perfs w/2500 gals 7 1/2% NEFE HCl w/PPI tool
Frac7 Rivers perfs
RIH w/ 2 3/8" prod tbg, pump & rods
Pump test well

### LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY

**6/62** Spud. **7/62** Initial Completion
**Perforated** 3,558-98'.
**Acidized** w/1000 gal 15%
**SOT** w/20,000 gal oil & 30,000# sand
**IPF** 195 BO & 0 BW, GOR 2459
**8/65** Set Mdl "D" @ 3,515'
**POP**
**7/01** Tst 1.5 BO, 2 MCF