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NYMEX LS Crude \$75.30
Navajo WTXI \$71.00
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Well: STATE A A/C 3 COM A **No.:** 001
Operator: PETROHAWK OPERATING COMPANY [[Operator and Lessee Info](#)]
API: 3002509299 **Township:** 23.0S **Range:** 36E
Section: 10 **Unit:** A
Land Type: S **County:** Lea **True Vertical Depth:** 3165
Pools associated:

- [JALMAT;TAN-YATES-7 RVRs \(GAS\) Total Acreage: 320 Completion: 1 Summary of Production](#)
- [Show All](#)

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRs (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	484	0	0	31
February	3	468	0	0	29
March	4	613	0	0	31
April	13	440	0	0	30
May	0	384	0	0	31
June	3	443	0	0	30
July	0	479	0	0	31
August	4	354	0	0	31
September	6	273	0	0	30
October	8	166	0	0	31

November	11	287	0	0	30
December	10	250	0	0	31

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	161	0	0	31
February	0	175	0	0	28
March	0	151	0	0	31
April	0	148	0	0	30
May	0	446	0	0	31
June	0	298	0	0	30
July	0	314	0	0	31
August	0	255	0	0	31
September	0	152	0	0	30
October	0	253	0	0	31
November	0	262	0	0	30
December	0	231	0	0	31

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	288	0	0	31
February	0	262	0	0	28
March	0	282	0	0	31
April	0	247	0	0	30
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Page last updated 10/27/2005. Webmaster gotech_prcc@yahoo.com

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Well: STATE A A/C 3 COM A **No.:** 002
Operator: PETROHAWK OPERATING COMPANY [Operator and Lessee Info]
API: 3002509289 **Township:** 23.0S **Range:** 36E
Section: 10 **Unit:** 1
Land Type: S **County:** Lea **True Vertical Depth:** 3170
Pools associated:

- JALMAT;TAN-YATES-7 RVRS (GAS) **Total Acreage:** 320 **Completion:** 1 **Summary of Production**
- [Show All](#)

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	1668	0	0	31
February	0	1505	0	0	29
March	0	1486	0	0	31
April	0	1762	0	0	30
May	0	1890	0	0	31
June	0	1800	0	0	30
July	0	1807	0	0	31
August	0	1770	0	0	31
September	0	1851	0	0	30
October	0	2048	0	0	31

November	0	1721	0	0	30
December	0	1712	0	0	31

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	1898	0	0	31
February	0	1671	0	0	28
March	0	1809	0	0	31
April	0	1780	0	0	30
May	0	1497	0	0	31
June	0	1549	0	0	30
July	0	1634	0	0	31
August	0	1463	0	0	31
September	0	1612	0	0	30
October	0	1739	0	0	31
November	0	1734	0	0	30
December	0	1787	0	0	31

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	1729	0	0	31
February	0	1573	0	0	28
March	0	1757	0	0	31
April	0	1732	0	0	30
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

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NYMEX LS Crude \$75.30
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View Production Data

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Well: STATE A A/C 3 COM A **No.:** 004
Operator: PETROHAWK OPERATING COMPANY [Operator and Lessee Info]
API: 3002509300 **Township:** 23.0S **Range:** 36E
Section: 10 **Unit:** B
Land Type: S **County:** Lea **True Vertical Depth:** 3729
Pools associated:

- JALMAT;TAN-YATES-7 RVRS (GAS) **Total Acreage:** 320 **Completion:** 1 **Summary of Production**
- Show All

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	31
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0

November	0	0	0	0	0
December	0	0	0	0	0

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

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Office
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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

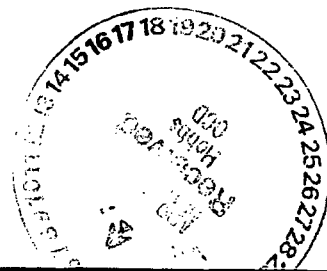
Form C-103
May 27, 2004

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	WELL API NO. 30-025-09300
2. Name of Operator PETROHAWK OPERATING COMPANY	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 1100 LOUISIANA, SUITE 4400	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>B</u> : <u>660</u> feet from the <u>NORTH</u> line and <u>2310</u> feet from the <u>EAST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>	7. Lease Name or Unit Agreement Name: STATE A A/C-3
	8. Well Number 004
	9. OGRID Number 194849
	10. Pool name or Wildcat JALMAT: TAN, YATES, 7-KVRS (GAS) 79240
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>N/A</u> Depth to Groundwater <u>149'</u> Distance from nearest fresh water well <u>1000' +</u> Distance from nearest surface water <u>1000' +</u> Pit Liner Thickness: <u>N/A</u> mil Below-Grade Tank: Volume <u>500</u> bbls; Construction Material <u>STEEL (FRAC TANKS)</u>	

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] DATE APR 10 2006

Conditions of Approval, if any:

OC FIELD REPRESENTATIVE II/STAFF MANAGER

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-3 #4

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 ¾" bit and scraper RIH to PBTB @ 3690', POOH
5. RIH with CIBP on tbg, Set CIBP @ 3600'
6. POOH with tbg and PU 5 ½" pkr set pkr @ 3200' and swab to check for communications between Yates and 7 Rivers, POOH and LD pkr
7. PU 5 ½" CICR and RIH set CR @ 3200'+/-
8. RU cement company squeeze 7 Rivers perforations from 3405' to 3503' sting out of retainer and dump cement on top of retainer and bull head squeeze Yates perforations from 3059' to 3148'
9. POOH with tbg
10. WOC overnight
11. PU 4 ¾" bit & DC's RIH, drill out cemet, CICR @ 3200' and cement, continue in hole to CIBP @ 3600', circ hole clean
12. POOH and lay down DC's and bit
13. PU 4" X 5 ½" liner shoe, 1 joint of 4" FL4S liner, 4" float collar and remainder of 4" FL4S liner
14. Set liner on CIBP @ 3600', RU cementing company, cement liner in place
15. WOC 12 hrs minimum
16. RIH with 3 ¼" bit, slim hole DC's on 2 3/8" tbg and clean out to float collar
17. POOH and lay down, DC's and bit
18. RU wireline co and run cased hole logs
19. Add additional pay in the 7 Rivers at 3169', 3172', 3178', 3183', 3189', 3193', 3198', 3203', 3212'(2 spf), 3214'(2 spf), 3216'(2 spf), 3218'(2 spf), 3220'(2 spf), 3222'(2 spf), 3229', 3231', 3238', 3256', 3280'(2 spf), 3282'(2 spf), 3284'(2 spf), 3286', 3289', 3313', 3345', 3361', 3391', 3402', 3404'(2 spf), 3406', 3413', 3418', 3435', 3486', 3501'(2 spf).
20. Acidize pers with 2500 gals of 7 ½% NEFE HCl with PPI tool, POOH with tbg and PPI tool
21. Fracture stimulate 7 Rivers perforations.
22. Force close fracture and begin flow back
23. RIH on 2 3/8" production tbg, PU MA and TAC, set TAC, RIH with pump w/GA and rods
24. Pump test well

FORM	TOP																																		
		STATE A A/C-3 #4 PROPOSED WELLBORE DIAGRAM MISSION RESOURCES INC																																	
		SU-T-R 10B-23S-36E POOL: JALMAT, TAN-YATES-7 RVRs (PRO GAS) CO, ST: LEA, NEW MEXICO STATUS: ACTIVE LATEST RIG WORKOVER: DIAGRAM REVISED: 3/3/2006 BY RSL	API #: 30-025-09300 LAND TYPE: STATE ACREAGE 40.12																																
		9 5/8" @ 320' w/300 sx Cmt																																	
		Hole in csg @ approx. 440' Sqzd. And cmt circ. To surface																																	
		Cored well 3,629-3729'																																	
		LOG ELEVATION: 3,480' DF GROUND ELEVATION: 3,469'																																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>CASING</th> <th>LINER</th> <th>TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>12"</td> <td>7 7/8"</td> <td></td> </tr> <tr> <td>Pipe</td> <td>9 5/8"</td> <td>5 1/2"</td> <td>2 3/8"</td> </tr> <tr> <td>Weight</td> <td>32#</td> <td>14#</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>320'</td> <td>3,677'</td> <td>3,451'</td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			CASING	LINER	TUBING	Hole	12"	7 7/8"		Pipe	9 5/8"	5 1/2"	2 3/8"	Weight	32#	14#	4.7#	Grade				Thread				Depth	320'	3,677'	3,451'	Mud wt			
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		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">LOGS</th> </tr> </thead> <tbody> <tr> <td>Temperature Survey</td> <td></td> </tr> <tr> <td>Perf. Log</td> <td></td> </tr> </tbody> </table>		LOGS		Temperature Survey		Perf. Log																											
LOGS																																			
Temperature Survey																																			
Perf. Log																																			
		TAN-YATES-7 RVRs ZONE HISTORY 12/90 Recomplete from Queen. Perf 3059-3148' & 3405-3503'. Acidize 3405-3503' w/3000 gal 15% Set RBP @ 3,370' Acidize 3059-3148' w/3000 gal 15% Frac 3059-3148 w/160,000# sand. Pull RBP's. 2/91 Set CIBP @ 3,370'. 5/20/99 CO frac sand from 3214' to 3280'. Pushed CIBP to 3,690'. 2"x1-1/2"x12' pump in well There were a lot of sand flow-back problems.																																	
		PROPOSED Set CIBP @ 3,600' Check for communication between Yates & 7 Rvrs Squeeze 7 Rvrs perfs 3,405-3,503' Squeeze Yates perfs 3,059-3,148' DO CIBP @ 3,200' Set 4" Liner on CIBP @ 3,600', cmt in place Run cased hole log Perf 7 Rivers 3,169-3,501' Acidize perfs w/2500 gals 7 1/2% NEFE HCl w/PPI tool Frac 7 Rivers perfs RIH w/2 3/8" prod tbg, pump & rods Pump test well																																	
		LANGLIE MATTIX (LWR 7RVRs-QUEEN) HISTORY 2/19/60 Spud. 2/27/60 Initial Completion. 3/60 Open hole completion 3677-3729' Vibro-frac 3686-94' w/10,000 gal oil & 10,000# sand. IP 256 BO, 23 BW 1145 MCF 2/85 Acidize openhole w/5000 gal 15% Perf 3621-68 Acidize w/4000 gal 15% Frac w/12,000 gal gel & 26,000# sand 8/90 Locate casing leak @ approx. 440'. Sqz & circ cmt to surface. Still had slow leak. 12/90 Set RBP @ 3,600'. Tst shallow sqz - OK. Well was making 1000 MCFM & 80 BOPM																																	
TANSILL	2,875' (file pick)																																		
YATES	3,043'	Squeeze Perfs: 3059-3148' Perfs: 3,169-3,501' 3169, 72, 78, 83, 89, 93, 98, 3203, 12 (2 spf), 14 (2 spf), 16 (2 spf), 18 (2 spf), 20 (2 spf), 22 (2 spf), 29, 31, 38, 56, 80 (2 spf), 82 (2 spf), 84 (2 spf), 86, 89, 3313, 45, 61, 91, 3402, 04 (2 spf), 06, 13, 18, 35, 86, 3501' (2 spf)																																	
7 RVRs	3,240'	Squeeze Perfs: 3405-3503' 4" Liner @ 3,600', cmt Set CIBP @ 3,600' Perfs: 40 holes 3621-26, & 3635-68 (2/85)																																	
QUEEN	3,620'	5 1/2" @ 3,677' w/250 sx Cmt CIBP pushed to 3,690' from 3,370 on 5/20/99.																																	
		TD 3,729'																																	

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Well: STATE A A/C 3 COM A **No.:** 005
Operator: PETROHAWK OPERATING COMPANY [[Operator and Lessee Info](#)]
API: 3002509303 **Township:** 23.0S **Range:** 36E
Section: 10 **Unit:** G
Land Type: S **County:** Lea **True Vertical Depth:** 3698
Pools associated:

- [JALMAT;TAN-YATES-7 RVRs \(GAS\)](#) **Total Acreage:** 320 **Completion:** 1 [Summary of Production](#)
- [Show All](#)

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRs (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0

November	0	0	0	0	0
December	0	0	0	0	0

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	759	11
April	0	0	0	3900	30
May	0	0	0	4433	31
June	0	0	0	2340	30
July	0	0	0	2418	31
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Submit 3 Copies To Appropriate District
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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. 30-025-09303
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 3
8. Well Number 005
9. OGRID Number 148381
10. Pool name or Wildcat JALMAT; TAN. YATES, 7-RVRS (GAS) 79240

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.)

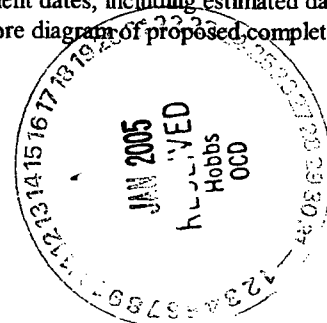
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	2. Name of Operator MISSION RESOURCES CORPORATION
3. Address of Operator 1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039	4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>NORTH</u> line and <u>2310</u> feet from the <u>EAST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3461' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>n/a</u> Depth to Groundwater <u>149'</u> Distance from nearest fresh water well <u>1000' +</u> Distance from nearest surface water <u>1000' +</u> Pit Liner Thickness: <u>n/a</u> mil Below-Grade Tank: Volume <u>500</u> bbls; Construction Material <u>Steel</u> (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 <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.

Add Perforations & Frac.
Please see attached Procedure with Wellbore Schematics.



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 Nancy K. Gatti TITLE Regulatory Coordinator DATE 01/10/05

Type or print name Nancy K. Gatti

E-mail address: nancy.gatti@mrccorp.com
Telephone No. 713-495-3128

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JAN 19 2005

Conditions of Approval, if any:

Mission Resources Corp.
AAC-3 #5
Jalmat Field
Lea County, NM
December 13, 2004

Work Over Procedure

1. MIRU work over rig. Pull tubing.
2. RU e-line unit.
3. Perforate Tansil and 7 Rivers from 2941' to 3326'.
4. Break down and acidize each NEW perf with PPI tool.
5. RIH and set packer on 3-1/2" tubing. RD work over rig.
6. Frac well per recommendation.
7. Flow and test well. Put back to sales.
8. Put well back on pump when well loads up.

FORM	TOP		
		STATE A A/C-3 #5 CURRENT WELLBORE DIAGRAM MISSION RESOURCES INC	
		SU-T-R 10G-23S-36E POOL: JALMAT; TAN-YATES-7 RVRS (PRO GAS) CO, ST: LEA, NEW MEXICO STATUS: ACTIVE LATEST RIG WORKOVER: DIAGRAM REVISED: 6/11/2004 BY RSL	API #: 30-025-09303 LAND TYPE: STATE ACREAGE 40.12
		8 5/8" @ 320' w/300 sx Cmt	
		Hole 610-615', sqz w/285 sx.	
		Cored well 3,621-3,698'	
		TOC @ 2,255' by Temp Surv.	
		Perfs: 3024-3178' 3024, 42, 49, 54, 58, 73, 80, 85, 95, 3104, 08, 35, 76, 78	
		CIBP @ 3,340' on 12/90 Perfs: 3365-3457' 3365, 68, 3411, 14, 35, 37, 55, 57' CIBP @ 3,490' on 9/90 Perfs: 3502-3611' 3502, 07, 19, 26, 39, 42, 47, 55, 62, 68, 71, 81, 85, 87, 90, 94, 3603, 11 CIBP @ 3,625' on 5/71 5 1/2" @ 3,638' w/250 sx Cmt	
		TD 3,698'	
TANSILL	2,850' (file pick)		
YATES	3,007'		
7 RVRS	3,195'		
QUEEN	3,578'		
		TAN-YATES-7 RVRS ZONE HISTORY 9/90 Recomplete from Queen. Perf 3024-3178' & 3365-3457'. Acidize 3365-3457' w/2000 gal 15%, went on vacuum Set RBP @ 3,342' Frac 3024-3178 w/24,066 gal gel & 74,459# sand. POP 12/90 Pull RBP @ 3,342'. Ran fluid level, 3,038' to fluid. Set CIBP @ 3,340'. POP No tests reported. Note: OCD says stimulation was 1500 gal acid, 63,200 gal & 192,000# in only 3,024-3,178' but the actual pumped volume was 74,459#.	
		OPPORTUNITY None seen.	
		LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY 5/17/60 Spud. 5/60 Initial Completion. Open hole completion 3638-98' Vibro-frac 3682-86' w/10,000 gal oil & 10,000# sand. IP 42 BO, 70 BW 1475 MCF 5/68 T&A well. 5/71 Set CIBP @ 3,625'. Perf 3502-3611' Acidize w/1700 gal 15% Frac w/20,000 gal gel & 30,000# sand. IP 4 BO, 247 BW, 30 MCF 9/90 Set CIBP @ 3,490'. Sqz hole @ 610' w/285 sx.	

☒ Well File

☒ OCD

Current

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. 30-025-09303
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 3 <i>Com A</i>
8. Well Number 005
9. OGRID Number 148381
10. Pool name or Wildcat JALMAT; TAN, YATES, 7-RVRS (GAS) 79240

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 3 <i>Com A</i>
2. Name of Operator MISSION RESOURCES CORPORATION	8. Well Number 005
3. Address of Operator 1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039	9. OGRID Number 148381
4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>NORTH</u> line and <u>2310</u> feet from the <u>EAST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>	10. Pool name or Wildcat JALMAT; TAN, YATES, 7-RVRS (GAS) 79240
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3461' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>n/a</u> Depth to Groundwater <u>149'</u> Distance from nearest fresh water well <u>1000' +</u> Distance from nearest surface water <u>1000' +</u>	
Pit Liner Thickness: <u>n/a</u> mil Below-Grade Tank: Volume <u>500</u> bbls; Construction Material <u>Steel</u> (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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" 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.

3/05

Added perfs (2 holes) in Tansill from 2941'-2948'.

Added perfs (11 holes) in 7 Rvrs from 3219'-3326'. Details on Schematic.

Acidized new perfs. Frac'd w/70% foam & 281,700# Prop.

4/1/05

Plugged back to reduce water production. Set CIBP @ 3346'.

Well produced 0 BOPD, 130 BWPD, 0 MCFPD w/FCP 0 psig.

Wellbore Schematic Enclosed.

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 Tech DATE 7/7/05

Type or print name Valorie J. Garza

E-mail address: valorie.garza@nrcorp.com

Telephone No. 713-495-3104

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JUL 21 2005
Conditions of Approval, if any:

FORM	TOP

STATE A A/C-3 #5

CURRENT WELLBORE DIAGRAM

MISSION RESOURCES INC

SU-T-R 10G-23S-36E	API #: 30-025-09303
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: 6/29/2005 BY FLE	

LOG ELEVATION: 3,471' DF

GROUND ELEVATION: 3,461'

	CASING	LINER	TUBING
Hole	12"	7 7/8"	
Pipe	8 5/8"	5 1/2"	2 3/8"
Weight	24#	14#	4.7#
Grade			
Thread			
Depth	320'	3,638'	3,172'
Mud wt			

LOGS

Sonic		5/60
Temperature Survey		5/60
Gamma Perforation		5/60

TAN-YATES-7 RVRS ZONE HISTORY

9/90 Recomplete from Queen.
Perf 3024-3178' & 3365-3457'.
Acidize 3365-3457' w/2000 gal 15%, went on vacuum
Set RBP @ 3,342'
Frac 3024-3178 w/24,066 gal gel & 74,459# sand.
POP
12/90 Pull RBP @ 3,342'. Ran fluid level, 3,038'
to fluid. Set CIBP @ 3,340'. POP
No tests reported.
Note: OCD says stimulation was 1500 gal acid,
63,200 gal & 192,000# in only 3,024-3,178' but the
actual pumped volume was 74,459#.

3/05 perf'd 2941-3326' (13 holes).
Acidized new perfs. Frac'd w/ 70% foam
& 281,700# Prop. Plugged back to reduce
water production.

LANGIE MATTIX (LWR 7RVRS-QUEEN) HISTORY

5/17/60 Spud. 5/60 Initial Completion.
Open hole completion 3638-98'
Vibro-frac 3682-86' w/10,000 gal oil & 10,000# sand.
IP 42 BO, 70 BW 1475 MCF
5/68 T&A well.
5/71 Set CIBP @ 3,625'.
Perf 3502-3611'
Acidize w/1700 gal 15%
Frac w/20,000 gal gel & 30,000# sand.
IP 4 BO, 247 BW, 30 MCF
9/90 Set CIBP @ 3,490'. Sqz hole @ 610' w/285 sx.

8 5/8" @ 320'
w/300 sx Cmt

Hole 610-615', sqz w/285 sx.

Cored well
3,621-3,698'

Ran 102 jts of 2-3/8" tbg
2" X 1-1/2" X 12' RWTC, 127 rods
& pony rods
SN @ 3141'

TOC @ 2,255' by Temp Surv.

Added Perfs: 2941, 48 1spf

Perfs: 3024-3178'
3024, 42, 49, 54, 58, 73, 80, 85,
95, 3104, 08, 35, 76, 78

Added Perfs: 3219, 44, 45, 46, 47
3248, 49, 50, 3304, 19, 26

SET PLUG AT 3346' 4/1/05
Perfs: 3365-3457'
3365, 68, 3411, 14, 35, 37, 55, 57'
CIBP @ 3,490' on 9/90
Perfs: 3502-3611'
3502, 07, 19, 26, 39, 42, 47, 55, 62, 68, 71,
81, 85, 87, 90, 94, 3603, 11
CIBP @ 3,625' on 5/71
5 1/2" @ 3,638' w/250 sx Cmt

TD 3,698'

TANSILL 2,850'
(file pick)

YATES 3,007'

7 RVRS 3,195'

QUEEN 3,578'

☒ Well File
☒ OCD

APR-12-06 13:41 From:

T-238 P.01.01 Job-377

C104AReport

District 1
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 21020

Change of Operator

Previous Operator Information

OGRID: 148381
Name: MISSION RESOURCES
CORPORATION
Address: 1331 LAMAR
Address: SUITE 1455
City, State, Zip: HOUSTON, TX 770103039

New Operator Information

Effective Date: 1/1/2006
OGRID: 194849
Name: PETROHAWK OPERATING COMPANY
Address: 1100 LOUISIANA
Address: SUITE 4400
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-367-2126

New Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-367-2126

NMOCD ApprovalElectronic Signature: Paul Kautz, District 1Date: April 18, 2006

HOME | ABOUT DATA | NEWS | MARKETPLACE | SOFTWARE | PROJECTS | ACKNOWLEDGEMENTS | LINKS | CONTACT

PTTC
PRRC
NM-TECH
NMBGMR



NYMEX LS Crude \$75.30
Navajo WTXI \$71.00
Henry Hub \$8.04
Updated 8/1/2006

GENERAL | COUNTY | OPERATOR | POOL | LOCATION | OCD LOG & WELL FILES

View Production Data

In Internet Explorer, right click and select "Save Target As..."
In Netscape, right click and select "Save Link As..."

Download: [HTTP](#)

Well: STATE A A/C 3 COM A **No.:** 008
Operator: PETROHAWK OPERATING COMPANY [[Operator and Lessee Info](#)] [[Produced Water Chemistry Data](#)]
API: 3002520245 **Township:** 23.0S **Range:** 36E
Section: 10 **Unit:** P
Land Type: S **County:** Lea **True Vertical Depth:** 3725
Pools associated:

- JALMAT;TAN-YATES-7 RVRS (GAS) **Total Acreage:** 320 **Completion:** 1 [Summary of Production](#)
- [Show All](#)

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	511	0	0	31
February	0	468	0	0	29
March	0	636	0	0	31
April	0	495	0	0	30
May	0	443	0	0	31
June	0	443	0	0	30
July	0	424	0	0	31
August	0	501	0	0	31
September	0	364	0	0	30
October	0	364	0	0	31

November	0	344	0	0	30
December	0	464	0	0	31

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	418	0	0	31
February	0	293	0	0	28
March	0	272	0	0	31
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Page last updated 10/27/2005. Webmaster gotech_prrc@yahoo.com

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

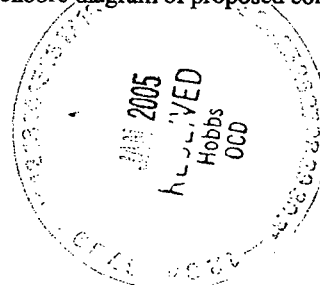
Form C-103
May 27, 2004

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.)		WELL API NO. 30-025-20245
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator MISSION RESOURCES CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator 1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039		7. Lease Name or Unit Agreement Name: STATE A A/C 3
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number 008
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3441.9' GR		9. OGRID Number 148381
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type <u>n/a</u> Depth to Groundwater <u>149'</u> Distance from nearest fresh water well <u>1000' +</u> Distance from nearest surface water <u>1000' +</u> Pit Liner Thickness: <u>n/a</u> mil Below-Grade Tank: Volume <u>500</u> bbls; Construction Material <u>Steel</u> (Frac Tanks)		10. Pool name or Wildcat JALMAT; TAN, YATES, 7-RVRS (GAS) 79240

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

Add Perforations & Frac.
Please see attached Procedure with Wellbore Schematics.



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 Nancy K. Gatti TITLE Regulatory Coordinator DATE 01/10/05
Type or print name Nancy K. Gatti E-mail address: nancy.gatti@mrccorp.com
Telephone No. 713-495-3128

For State Use Only
APPROVED BY Larry W. Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval, if any: TITLE _____ DATE _____

JAN 19 2005

Mission Resources Corp.
AAC-3 #8
Jalmat Field
Lea County, NM
December 13, 2004

Work Over Procedure

1. MIRU work over rig. Pull tubing.
2. RU e-line unit.
3. Perforate Yates and 7 Rivers from 3102' to 3410'.
4. Break down and acidize each NEW perf with PPI tool.
5. RIH and set packer on 3-1/2" tubing. RD work over rig.
6. Frac well per recommendation.
7. Flow and test well. Put back to sales.
8. Put well back on pump when well loads up.

APR-12-06 13:41 From:

T-230 P.01.01 Job-377

C104AReport

District 1
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 21020

Change of Operator

Previous Operator Information

OGRID: 148381
Name: MISSION RESOURCES
CORPORATION
Address: 1331 LAMAR
Address: SUITE 1435
City, State, Zip: HOUSTON, TX 770103039

New Operator Information

Effective Date: 1/1/2006
OGRID: 194849
Name: PETROHAWK OPERATING COMPANY
Address: 1100 LOUISIANA
Address: SUITE 4400
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-369-2126

New Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-369-2126

NMOCD ApprovalElectronic Signature: Paul Kautz, District 1Date: April 18, 2006

PTTC
PRRC
NM-TECH
NMBGMR



NYMEX LS Crude \$75.30
Navajo WTXI \$71.00
Henry Hub \$8.04
Updated 8/1/2006

GENERAL | COUNTY | OPERATOR | POOL | LOCATION | [OCD LOG & WELL FILES](#)

[View Production Data](#)

In Internet Explorer, right click and select "Save Target As..."
In Netscape, right click and select "Save Link As..."

Download: HTTP

Well: STATE A A/C 3 **No.:** 014

Operator: PETROHAWK OPERATING COMPANY [[Operator and Lessee Info](#)]

API: 3002534682 **Township:** 23.0S **Range:** 36E

Section: 10 **Unit:** O

Land Type: S **County:** Lea **True Vertical Depth:** 3865

Pools associated:

- [JALMAT;TAN-YATES-7 RVRS \(GAS\) Total Acreage: 320 Completion: 1 Summary of Production](#)
- [Show All](#)

Year: 2001

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	1925	31
June	0	0	0	0	0
July	0	456	0	1335	31
August	0	501	0	3151	31
September	0	140	0	333	30
October	0	3385	0	7916	31

November	0	2443	0	8131	30
December	0	1334	0	4735	31

Year: 2002

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	138	31
February	0	0	0	13	28
March	0	0	0	228	31
April	0	0	0	262	30
May	0	0	0	0	31
June	0	0	0	0	30
July	0	0	0	1	31
August	0	0	0	1	31
September	0	0	0	1	30
October	0	0	0	12	31
November	0	0	0	6	26
December	0	0	0	7	31

Year: 2003

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	4	31
February	0	0	0	0	28
March	0	0	0	32	31
April	0	0	0	0	30
May	0	0	0	0	31
June	0	363	0	6722	30
July	0	67	0	5560	31
August	0	243	0	96	31
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2004

Pool Name: JALMAT;TAN-YATES-7 RVRS (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March					

	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2005

Pool Name: JALMAT;TAN-YATES-7 RVRs (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0

Year: 2006

Pool Name: JALMAT;TAN-YATES-7 RVRs (GAS)

Month	Oil(BBLS)	Gas(MCF)	CO2(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0

November	0	0	0	0	0
December	0	0	0	0	0

Page last updated 10/27/2005. Webmaster gotech_prcc@yahoo.com

Submit to Appropriate

District Office

State Lease-6 copies

Fee Lease-5 copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105

Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 875042088

WELL API NO.

30-025-34682

5. Indicate Type Lease

STATE ☒FEE ☐

6 State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐GAS WELL ☒DRY ☐OTHER ☐

b. Type of Completion:

NEW ☒WORK ☐WELL ☐OVER ☐DEEPEN ☐PLUG ☐BACK ☐DIFF ☐RESVR ☐OTHER ☐

v Name of Operator

Raptor Resources, Inc.

7. Lease Name or Unit Agreement Name

State 'A' A/C 3

3. Address of Operator

901 Rio Grande, Austin, TX. 78701

8. Well No.

14

9. Pool name or Wildcat

Jalmat Tansill Yates 7 Rvrs (Pro Gas) 79240

4. Well Location

Unit letter O 660 Feet From The South Line and 1980 Feet From The East Line

Section

10

Township

23S

Range

36E

NMPM

Lea

County

10 Date Spudded

12-16-99

11. Date TD Reached

12-22-99

12 Date Compl. (Ready to Prod.)

7/18/01

13 Elevation (DF& RKB, RT, GR, etc.)

3416'

14 Elev. Casinghead

15. Total Depth

3865'

16 Plug Back TD.

3550'

17. If Multiple Compl How

Many

1

18 Intervals

Drilled By

Rotary Tools

XX

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2985' - 3462

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Dual Soaced Neutron Spectral Density

22. Was Well Cored

No

21 CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	630'	12 1/4"	240 sx	
5 1/2"	15.5#	3865'	7 7/8"	750 sx	

24 LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8" Tbg.	2968'	

26 Perforation record (interval size, and number)

Perf Yates/7Rvrs W/ 1 SPF @ 2985', 2991', 2999', 3020', 3031', 3036', 3055', 3062', 3075', 3087', 3111', 3235', 3298', 3298', 3339', 3359', 3378', 3410', 3436', 3456' & 3462' total of 20 holes. RBP set @ 3098'.

27. ACID, SHOT, FRACTURE, CEMENT, SQUIREZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2985-3462'	2000 g 15% HCl. Frac W/46,000 g 40#
	Water Frac Foamed to 70 QW' 278 T CO2
	W/15000#20/40 & 175000# 12/20 Sand

28. PRODUCTION

Date First Production 7/18/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in, Producing	
Date of Test 8/7/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 17	Water- Bbl. 123	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 17	Water- Bbl. 123	Oil Gravity - API - (Corr.)		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Marc Briggs

30. List Attachments

Log, C-104, C-103 Completion & Deviation Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature Bill R. Keathly Printed Name Bill R. KeathlyTitle Regulatory Agent Date 8/19/01

DISTRICT I
P.O. Box 1980, Hobbs, NM 58240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-34682
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 3
8. Well No.	14
9. Pool name or Wildcat	Jalmat Tansill Yates 7 Rvrs (Pro Gas) 79240

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 Raptor Resources, Inc.
3. Address of Operator 901 Rio Grande, Austin, TX 78701	4. Well Location Unit Letter O 660 Feet From The South Line and 1980 Feet From The East Line Section 10 Township 23S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3416'

11. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Completion work <input checked="" type="checkbox"/>

12. 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.

3-20-01 MIRU Basic Energy Well Service. GIH W/ 5 1/2" CIBP @ 3550', load hole W 2% KCl water. Shoot 4 squeeze perms @ 3068'. Pume 500 gal mud flush + 10 bbl water down 5 1/2" csg. Mix @ pumped 200 sx Premium Plus + 2% CaCl @ 4 BPM @ 700#. GIH tag cmt @ 3063', drilled plug & cmt fell through @ 3071', circ well clean, POOH. GIH W. 5 1/2" csg scraper tag CIBP @ 3550'. POOH. Perf Yates/7 Rvrs W/ 1 SPF @ 2985', 2991', 2999', 3020', 3031', 3036', 3055', 3062', 3075', 3087', 3111', 3235', 3298', 3298', 3339', 3359', 3378', 3410', 3436', 3456' & 3462' for a total of 20 holes. Acidize perms W/ 2000 gal 15% HCl acid. Frac Yates/7 Rvrs perms W/ 46,000 Gal 40# Water Frac G gelled water foamed to 70 quality W/ 278 T CO2 W/ 15,000# 20/40 and 175,000# 12/20 Brady sand. GIH W/ 2 3/8" tbg tag sand fill @ 3300', clean out sand to PBTD @ 3550', POOH. Shut-in. 7/14/01 GIH W/ 5 1/2" RBP set @ 3182'. Gih W/ bailer clean out sand @ 3174' to RBP @ 3182', Released RBP & resed RBP @ 3098'. POOH. GIH W/ 94 jts 2 3/8" tbg set @ 2968', 2"x 1 1/2" x 12' RWTC pump and rods. 7/18/01 RDMO. Placed well on production and a pumping well

Tested dated 8/7/01: 0 BO/D; 123 BW/D; 17 MCF

I, I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bill R. Keathly TITLE R regulatory Agent for Raptor DATE 8/19/01
TYPE OR PRINT NAME Bill R. Keathly, Regulatory Agent TELEPHONE NO. 915-697-1609

(this space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd. Aztec, NM 87410
District IV
PO Box 2088, Santa Fe NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Revised October 18, 1994
Instructions on back:
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. Operator name and Address Raptor Resources, Inc 901 Rio Grande Austin, TX. 78701		2. OGRID Number 162791
		3. Reason for Filling Code NW
4. API Number 30 - 025-34682	5. Pool Name Jalmat Tansill Yates 7 Rvrs (Pro Gas)	6. Pool Code 79240
7. Property Code 24672	8. Property Name State 'A' A/C 3	9. Well Number 14

II. Surface Location

UT. or Loc. No.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
O	10	23S	36E		660	South	1980	East	Lea

II Bottom Hole Location

UT. or Loc.	Section	Township	Range	Lot. Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
O	10	23S	36E		660	South	1980	East	Lea
12. Loc Code S	13. Producing Method Code P	14. Gas Connection Date	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 Expiration Date				

III. Oil and Gas Transporters

18. Transporter OGRID	19. Transporter Name and Address	20. POD	21. OGI	22. POD/ULSTR Location and Description
034053	Plains Marketing, L.P.	2619410	O	10 23S 36E (J)
20809	Sid Richardson Gasoline Co.	2619430	G	10 23S 36E (J)

IV. Produced Water

23. POD 2619450	24. POD/ULSTR Location and Description 10 23S 36E (J)
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V. Well Completion Data

25. Spud Date 12-16-99	26. Ready Date 7/18/01	27. TD 3865'	28. PBTD 3550'	29. Perforations 2985 - 3462'	DHC,DC,MC
30. Hole Size 12 1/4"	31. Casing & Tubing Size 8 5/8"	32. Depth Set 630'	33. Sacks Cement 240 sx		
7 7/8"	5 1/2"	3865'	750 sx		
	2 3/8" Tbg.	2968'			

VI. Well Test Data

34. Date New Oil	35. Gas Delivery Date 7/18/01	36. Test Date 8/7/01	37. Test Length 24 hrs	38. Tbg. Pressure	39. Csg. Pressure
40. Choke Size	41. Oil	42. Water 123	43. Gas 17	44. AOP	45. Test Method P

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Bill R. Keathly</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i>	
Printed name Bill R. Keathly		Title	
Title Regulatory Agent - Raptor		Approval Date:	
Date 8/19/01	Phone 915-697-1609		

47. If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

APR-12-06 13:41 From:

T-239 P.01.01 Job-377

C104A Report

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 21020

Change of Operator**Previous Operator Information**

OGRID: 148381
Name: MISSION RESOURCES CORPORATION
Address: 1331 LAMAR
Address: SUITE 1455
City, State, Zip: HOUSTON, TX 770103039

New Operator Information

Effective Date: 1/1/2006
OGRID: 194849
Name: PETROHAWK OPERATING COMPANY
Address: 1100 LOUISIANA
Address: SUITE 4400
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-368-2126

New Operator

Signature: Nancy K. Gatti
Printed Name: Nancy K. Gatti
Title: REG. MANAGER
Date: 4-12-06 Phone: 832-368-2126

NMOCD Approval

Electronic Signature: Paul Kautz, District 1
Date: April 18, 2006