

District I  
1625 N. French, Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

WELL API NO.  
30-025-37563

5. Indicate Type Of 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 WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Lease Name or Unit Agreement Name  
STATE A A/C2

2. Name of Operator  
PETROHAWK OPERATING COMPANY

8. Well No.  
085

3. Address of Operator  
1100 LOUISIANA, SUITE 4400 HOUSTON, TEXAS 77002

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

4. Well Location

Unit Letter A : 710 Feet From The NORTH Line and 785 Feet From The EAST Line

Section 11 Township 22S Range 36E NMPM LEA County

10. Date Spudded 04/5/06	11. Date T.D. Reached 04/11/06	12. Date Compl. (Ready to Prod.) 05/23/06	13. Elevations (DF & RKB, RT, GR, etc.) 3513'	14. Elev. Casinghead ---
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15. Total Depth 3500'	16. Plug Back T.D. 3500'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By X	Rotary Tools X	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
2594' - 3318' YATES/7RIVERS

20. Was Directional Survey Made  
NO

21. Type Electric and Other Logs Run  
COMPENSATED NEUTRON

22. Was Well Cored  
NO

### 23. 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#	600'	11"	200 SX 35/65 POZ. + 150 SX CLASS C	
4-1/2"	11.6#	3500'	7-7/8"	400 SX 50:50 POZ. + 460 SX CLASS C	

### 24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

### 25. TUBING RECORD

26. Perforation record (interval, size, and number)

2594' - 3318 (46 HOLES)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2594' - 3318'	Acidized w/50BBLs 15% Hcl Acid Frac w/1375bbls fluid, 300000# 20/40 mesh sd & 375 tons co2 down hole

### 28. PRODUCTION

Date First Production 05/23/06 Production Method (*Flowing, gas lift, pumping - Size and type pump*) FLOWING Well Status (*Prod. or Shut-in*) PRODUCING

Date of Test 05/31/06	Hours Tested 24	Choke Size 22/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 319	Water - Bbl. 0	Gas - Oil Ratio ---
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Flow Tubing Press. 0	Casing Pressure 110	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 319	Water - Bbl. 0	Oil Gravity - API -(Corr.) ---
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29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

SOLD

Test Witnessed By

Joel Sisk

30. List Attachments

LOGS, DEVIATION SURVEY

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 Nancy K. Gatti Printed Name  
E-mail address ngatti@petrohawk.com

NANCY K. GATTI

Title REGULATORY MANAGER Date 06/15/06

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northeastern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates 2762		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers 3038		T. Devonian		T. Menefee		T. Madison	
T. Queen 3440		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Delaware Sand		T. Todilto		T.	
T. Drinkard		T. Bone Springs		T. Entrada		T.	
T. Abo		T. RUSTLER 1356		T. Wingate		T.	
T. Wolfcamp		L. MATTIX 3340		T. Chinle		T.	
T. Penn		T. TANSILL 2592		T. Permain		T.	
T. Cisco (Bough C)		T.		T. Penn "A"		T.	

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

## LITHOLOGY RECORD ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
1356	2592	1236	Anhydrite, Salt, Thin Sand - Shale beds
2592	2762	170	Anhydrite, Sand, Dolomite
2762	3480	718	Sand, Dolomite, Anhydrite

FORM	TOP																										
		<b>STATE A A-C 2 #85</b> <b>CURRENT WELLBORE DIAGRAM</b> <b>PETROHAWK OPERATING - MRC</b>																									
		<b>SU-T-R</b> 11-22S-36E	<b>API #:</b> 30-025-37563-0000																								
		<b>POOL:</b> JALMAT; TAN-YATES-7 RVRS (GAS)																									
		<b>CO, ST:</b> LEA, NEW MEXICO	<b>LAND TYPE:</b> STATE																								
		<b>STATUS:</b> ACTIVE	<b>ACREAGE</b>																								
		<b>LATEST RIG WORKOVER:</b>																									
		<b>DIAGRAM REVISED:</b> 6/16/2006 BY C. Morro																									
		<b>LOG ELEVATION:</b> N/R <b>GROUND ELEVATION:</b> 3,525'																									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%;">CASING</th> <th style="width: 50%;">TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>11"</td> <td>7 7/8"</td> </tr> <tr> <td>Pipe</td> <td>8 5/8"</td> <td>4 1/2"</td> </tr> <tr> <td>Weight</td> <td>24#</td> <td>11.6#</td> </tr> <tr> <td>Grade</td> <td>J-55</td> <td>J-55</td> </tr> <tr> <td>Thread</td> <td></td> <td></td> </tr> <tr> <td>Depth</td> <td>600'</td> <td>3500'</td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> </tr> </tbody> </table>			CASING	TUBING	Hole	11"	7 7/8"	Pipe	8 5/8"	4 1/2"	Weight	24#	11.6#	Grade	J-55	J-55	Thread			Depth	600'	3500'	Mud wt		
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		<b>TAN-YATES-7 RVRS ZONE HISTORY</b>																									
		5/20/06 Completed in the Yates & 7 Rivers <b>Perforated</b> select 46 holes 2594'-3318' <b>Acidized</b> 3000 gal acid w/PPI tool <b>Frac w/Water</b> Frac G-R (33) foamed to 70-60% quality w/375 T CO <sub>2</sub> , 50,000# 20/40 and 250,000# 12/20 Brady sand. AIR=69 BPM, ATP = 3607. ISIP = 1300 Opened well on 22/64" choke, flowed back 220 BW.																									
		<b>OPPORTUNITY</b>																									
		<b>QUEEN ZONE HISTORY</b>																									
		SELECT PERFS: 46 Holes 2594', 2612', 2616', 2619', 2630', 2,636', 2641', 2646', 2649', 2701', 2716', 2774', 2780', 2783', 2803', 2808', 2813', 2816', 2861', 2868', 2874', 2877', 2906', 2924', 2941', 2947', 2955', 2964', 2988', 2990', 3008', 3031', 3063', 3075', 3082', 3136', 3147', 3219', 3231', 3257', 3266', 3287', 3290', 3295', 3312', 3318'																									
		<b>Current</b>																									

8 5/8" @ 600'  
w/350 sx Cmt  
(133 sx circ to pit)

TANSILL 2,592'

YATES 2,762'

7 RVRS 3,038'

QUEEN 3,440'

TD 3,500'

4 1/2" @ 3,500' w/860 sx Cmt  
(25 sx circ to pit)

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-37563</b>	Pool Code <b>79240</b>	Pool Name <b>Jalmat;tansill=yates-7rivers (gas)</b>
Property Code <b>33493</b>	Property Name <b>STATE A A/C 2</b>	Well Number <b>85</b>
OGRID No. <b>148381</b>	Operator Name <b>MISSION RESOURCES CORPORATION</b>	Elevation <b>3513'</b>

Surface Location

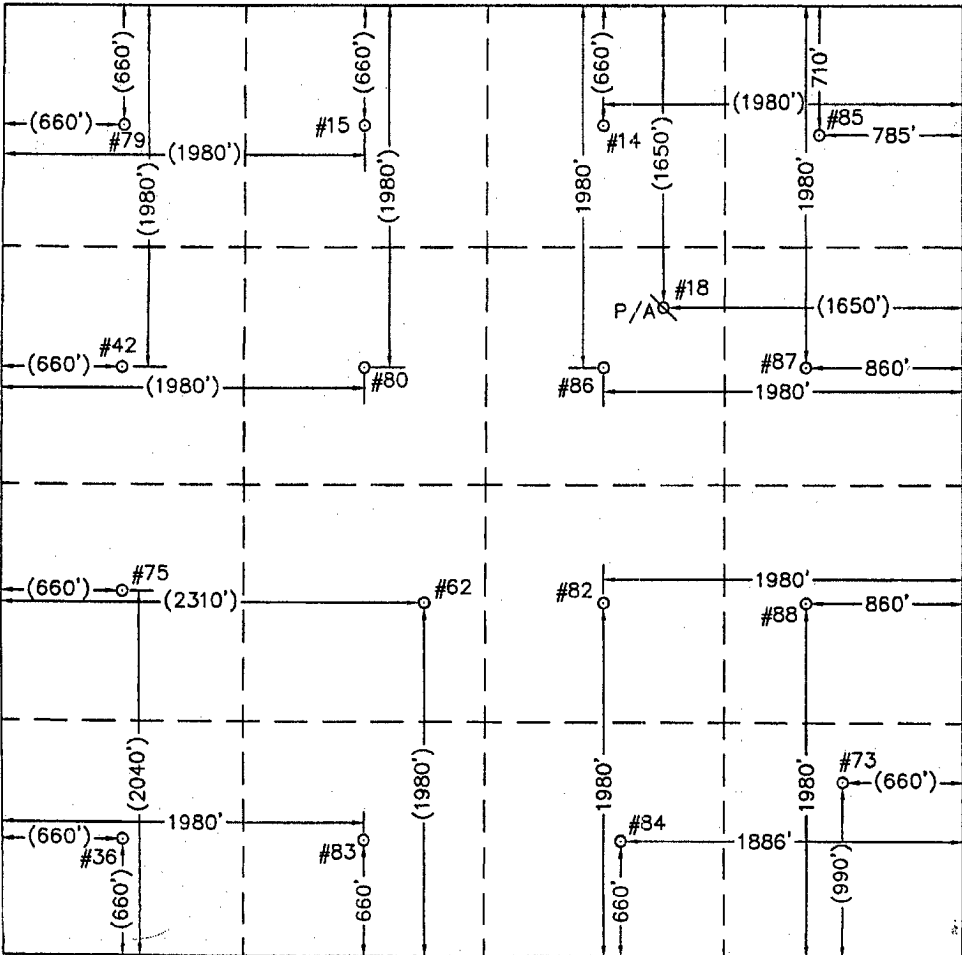
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	22 S	36 E		710	NORTH	785	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
same									

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
640	Infill		Admin. Order SD-05-06

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Nancy K. Gatti</i> Signature Nancy K. Gatti Printed Name Regulatory Manager Title 11-17-05 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my upervision and that the same is true and orrect to the best of my belief.</p> <p>June 10, 2005 Date Surveyed Signature &amp; Seal of Professional Surveyor W.O. Num. 2005-0473 Certificate No. MACON McDONALD 12185</p>
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WELL LOCATIONS SHOWN HEREON WITH DIMENSIONS IN PARENTHESIS WERE PROVIDED BY MISSION RESOURCES CORPORATION AND ARE NOT FIELD SURVEYED.