

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised June 10, 2003

WELL API NO.
30-025-37565

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.
087

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 H : 1980 Feet From The NORTH Line and 860 Feet From The EAST Line

Section 11 Township 22S Range 36E NMPM LEA County

10. Date Spudded 03/30/06 11. Date T.D. Reached 04/05/06 12. Date Compl. (Ready to Prod.) 05/02/06 13. Elevations (DF & RKB, RT, GR, etc.) 3527' 14. Elev. Casinghead ---

15. Total Depth 3705' 16. Plug Back T.D. 3705' 17. If Multiple Compl. How Many Zones? N/A 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 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"	250 SX 35/60 POZ. +	
				100 SX 60/32 POZ. +	
4-1/2"	11.6#	3705'	7-7/8"	475 SX 50:50 POZ. +	
				440 SX CLASS 00	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

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

2812.14, 19.40, 44.46, 52.70, 76.83, 2900.06, 10.18, 50.52, 58.61, 64.68, 70.78, 3054.63, 74.78, 80.82, 86.92, 95.31, 08.10, 12.16, 18.86, 96.33, 28.30, 48.50, 52.54, 55

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

DEPTH INTERVAL 2812' - 3355' AMOUNT AND KIND MATERIAL USED Acidized w/2300 gal 15% Hcl Acid Frac w/1416bls fluid, 300000# 20/40 mesh sd & 406 tons co2 down hole

28. PRODUCTION

Date First Production 05/02/06 Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING Well Status (Prod. or Shut-in) PRODUCING

Date of Test 05/03/06 Hours Tested 24 Choke Size 17/64 Prod'n For Test Period Oil - Bbl. 0 Gas - MCF 176 Water - Bbl. 0 Gas - Oil Ratio ---

Flow Tubing Press. 0 Casing Pressure 80 Calculated 24-Hour Rate Oil - Bbl. 0 Gas - MCF 176 Water - Bbl. 0 Oil Gravity - API -(Corr.) ---

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 ANNA TARPEY Printed Name ANNA TARPEY Title REGULATORY ANALYST Date 05/05/06
E-mail address annatarpey@petrohawk.com

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	2800	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	3088	T. Devonian	T. Menefee	T. Madison
T. Queen	3480	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 1378	T. Wingate	T.
T. Wolfcamp		L. MATTIX 3380	T. Chinle	T.
T. Penn		T. TANSILL 2630	T. Permain	T.
T. Cisco (Bough C)		T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
No. 2, 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)

[illegible]

FORM	TOP																										
		STATE A A-C 2 #87 CURRENT WELLBORE DIAGRAM PETROHAWK OPERATING - MRC																									
		SU-T-R 11-22S-36E	API #: 30-025-37565-0000																								
		POOL: JALMAT,TAN-YATES-7 RVRS (GAS)																									
		CO, ST: LEA, NEW MEXICO	LAND TYPE: STATE																								
		STATUS: ACTIVE	ACREAGE																								
		LATEST RIG WORKOVER:																									
		DIAGRAM REVISED: 4/28/2006 BY C. Morro																									
		LOG ELEVATION: N/R GROUND ELEVATION: 3,513'																									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 20%;">CASING</th> <th style="width: 20%;">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>3705'</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'	3705'	Mud wt		
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		<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> TAN-YATES-7 RVRS ZONE HISTORY 4/26/06 Completed in the Yates & 7 Rivers Perforated select 45 holes 2812'-3355' Acidized 2846 gal acid w/PPI tool Frac w/Water Frac G-R (33) foamed to 65 quality (avg), w/406 T CO2, 50,000# 20/40 and 250,000# 12/20 Brady sand. Avg Treat P = 4013. Avg Rate = 67 BPM ISIP=1210. </div>																									
		<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> OPPORTUNITY </div>																									
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		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>8 5/8" @ 600'</p> <p>w/350 sx Cmt</p> <p>(99 sx circ to pit)</p> </div> <div style="width: 50%; text-align: right;"> <p>SELECT PERFS: 45 Holes</p> <p>2812, 2814, 2819, 2840, 2844,</p> <p>2846, 2852, 2870, 2876, 2883,</p> <p>2900, 2906, 2910, 2918, 2950,</p> <p>2952, 2958, 2961, 2964, 2968,</p> <p>2970, 2978, 3054, 3063, 3074,</p> <p>3078, 3080, 3082, 3086, 3092,</p> <p>3095, 3108, 3110, 3112, 3116,</p> <p>3118, 3186, 3296, 3328, 3330,</p> <p>3348, 3350, 3352, 3354, 3355</p> </div> </div>																									
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