

District I
1625 N. French Dr., 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 & Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address PETROHAWK OPERATING COMPANY 1100 LOUISIANA, SUITE 4400, HOUSTON TEXAS 77002		² OGRID Number 025706-14849
³ Property Code 011792 302432		⁴ API Number 30-025-09356
⁵ Property Name STATE A A/C 1		⁶ Well No. 28
⁹ Proposed Pool 1 JALMAT: YATES/SEVEN RIVERS/LANGLIE MATTHEX		¹⁰ Proposed Pool 2 Langlie MattheX

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	14	23S	36E		1650	NORTH	1650	WEST	LEA

⁸ Proposed 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									

Additional Well Location

¹¹ Work Type Code D & A	¹² Well Type Code G	¹³ Cable/Runny R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation +/-3405
¹⁶ Multiple Y	¹⁷ Proposed Depth 3700	¹⁸ Formation YATES/RVRS/LANGLIE	¹⁹ Contractor TO BE DETERMINED	²⁰ Spud Date TO BE DETERMINED
Depth to ground water 120 ft		Distance from nearest fresh water well 1000 +		Distance from nearest surface water NA
Pit: Liner: Synthetic <input type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume 100 bbls Drilling Method: W.O. P#				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17	12-1/2	50	242	350	SURFACE
11	8-5/8	28 & 32	2858	600	525

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

DEEPEN WELL THRU THE QUEEN; RUN 4-1/2" CSG & CMT. PERF/FRAC YATES/RIVERS/LANGLIE MATTHEX
PLEASE SEE ATTACHED DATA FOR DEEPENING THE WELLBORE:
1. WELL LOCATION & ACREAGE DEDICATION PLAT, FORM C-102
2. PROPOSED WELL PLAN
3. CURRENT AND PROPOSED WELLBORE SCHEMATIC

RECEIVED

HOBBS OCD

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCM approved plan <input type="checkbox"/> . Signature: EDDY SEAY		OIL CONSERVATION DIVISION	
Printed name: EDDY SEAY		Approved by: Chris Williams	
Title: REGULATORY CONSULTANT		Title: OCD DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: seay04@leaco.net		Approval Date: JAN 20 2008 Expiration Date:	
Date: January 23, 2008	Phone: 505-392-2236		

Permit Expires 2 years From Approval
Date Unless Drilling is Underway

Deepen & RAA

Oil Conservation Division

Conditions of approval: Approval for drilling/workover ONLY--- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-09356	² Pool Code 37240	³ Pool Name LANGLIE MATTIX;7 RIVERS-QUEEN-GRAYBURG
⁴ Property Code 302432	⁵ Property Name STATE A A/C 1	
⁷ OGRID No. 194849	⁸ Operator Name PETROHAWK OPERATING COMPANY	⁶ Well Number 28
		⁹ Elevation

¹⁰ Surface Location

UL or lot no. F	Section 14	Township 23S	Range 36E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 1650	East/West line WEST	County LEA
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¹¹ 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
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature: <u>Eddie W Seay</u> Date: <u>1/24/2008</u> Eddie W Seay Agent Printed Name: _____
	¹⁸ SURVEYOR CERTIFICATION <i>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 supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994
instructions on back

District II
PO Drawer DD, Artesia, NM 88211-0719

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd. Aztec, NM 87410

District IV
PO Box 2088, Santa Fe. NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 09356		2 Pool Code 79240		3 Pool Name Jalmat: Tan-Yates-7 rrvs (Pro Gas)	
4 Property Code 302432		5 Property Name State "A" A/C 1			
7 OGRID No. 194849		8 Operator Name PETROHAWK OPERATING CO			6 Well Number 28 9 Elevation

10 Surface Location

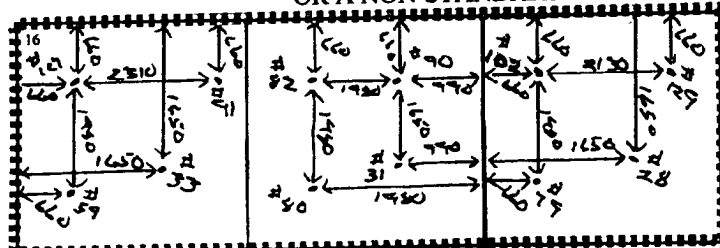
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	14	23S	36E		1650	North	1650	West	Lea

11 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

12 Dedicated Acres 480	13 Joint or Infill	14 Consolidation Code	15 Order No. R-9073
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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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Printed Name
R. L. W. Seay

Title
Agent

Date
1/24/2008

Date

Date

Date

Date

Date

Date

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18 SURVEYOR CERTIFICATION

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 supervision, and that the same is true and correct to the best of my belief

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

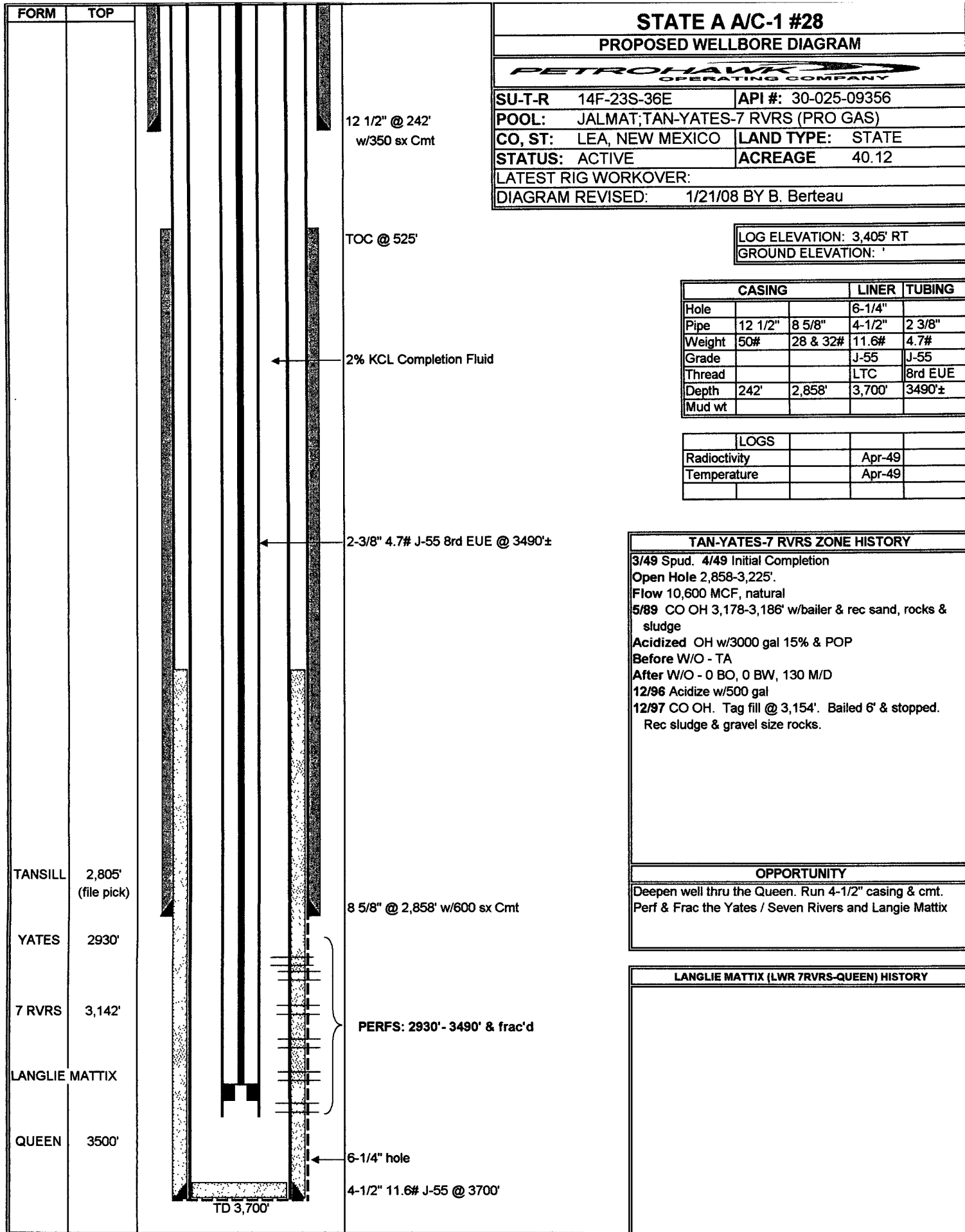


Lease and Well No: State A A/C-1 #28
Field: Jalmat Field
County: Lea County, MN
API No: 30-025-09356
Date: 1/21/08

Clean Out Well, Run Casing, Open Additional Pay and Stimulate the Yates / Seven Rivers and Langlie Mattix.

PROCEDURE

- 1. Move in and rig up workover rig. Load well with clean field salt water. Insure well is dead. POOH with rods and pump.**
- 2. ND tree. NU BOP's. Test to 2000 psi.**
- 3. POOH laying down tubing.**
- 4. TIH with bit, DC's, Jars and workstring to PBTD at 3160'±. Clean out hole to TD at 3225'. Circulate hole clean. Drill new hole through the Queen to 3700'±. Circulate hole clean. POOH. RU casing crew.**
- 5. PU 4-1/2" guide shoe, 1 jt of 4-1/2" liner, float collar and remainder of 4-1/2" casing and RIH to new TD at 3700'±.**
- 6. RU cementing company and cement liner in place. WOC at least 12 hours.**
- 7. TIH with workstring to new TD. Circulate 2% KCL water. Spot 500 gal 15% HCL across perf interval. POOH**
- 8. RU EL. Run CBL. Perforate Yates / Seven Rivers and Langlie Mattix from 2930' to 3490'.**
- 9. RU Pump truck and frac equipment. Spearhead 4000 gal 15% HCL follow by frac job. Force close frac and begin flow back.**
- 10. Check for fill with sandline. Clean out well with notched collar and foam air unit if required.**
- 11. TIH with mud anchor, perf sub, SN and 2-3/8" tubing. Hang off tubing as low as possible.**
- 12. ND BOP's. NU tree. Run rods and pump. Return well to production.**

☒ Well File☒ OCD File