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

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

Form C-101
May 27, 2004

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	[2] OGRID Number
PETROHAWK OPERATING COMPANY 1100 LOUISIANA, SUITE 4400, HOUSTON TEXAS 77002	~~168701~~ 194849
	[3] API Number ~~30~~ 30-025-09319
[4] Property Code ~~36869~~ 302432	[5] Property Name STATE A A/C 1
	[6] Well No 95
[9] Proposed Pool 1 JALMAT;TANSILL/YATES/SEVEN RIVERS	[10] Proposed Pool 2

[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
L	11	23S	36E		1980	SOUTH	660	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	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
E	G	R	S	+/-3445
[16] Multiple	[17] Proposed Depth	[18] Formation	[19] Contractor	[20] Spud Date
YES			TO BE DETERMINED	TO BE DETERMINED

Depth to ground water	Distance from nearest fresh water well	Distance from nearest surface water
120 ft	1000 plus	None

Pit: Liner: Synthetic ☑ 12 mils thick Clay ☐ Pit Volume 100 bbls Drilling Method: Work over

Closed-Loop System ☐ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	24	316	300	SURFACE
7-7/8	5-1/2	14	3707	250	2670

RECEIVED
JAN 30 2008
HOBBS OCD

[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.

RE-ENTER P&A WELL AND CLEAN OUT. OPEN ADDITIONAL PAY AND STIMULATE TANSILL/YATES/SEVEN RIVERS
ATTACHED DOCUMENTATION
1. WELL LOCATION AND ACREAGE DEDICATION PLAT, FORM 102
2. PROPOSED WELL PLAN
3. CURRENT AND PROPOSED WELLBORE SCHEMATIC

[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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: Eddy W Seay

Printed name: EDDY SEAY

Title: REGULATORY CONSULTANT

E-mail Address: seay04@leaco.net

Date: 01/24/2008 Phone: 505-392-2236

OIL CONSERVATION DIVISION

Approved by: Chris Williams

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: JAN 31 2008 Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 2 years From Approval Date Unless ~~Drilling~~ Underway

Re-Entry

Form C-102

District I
1625 N. French Dr., Hobbs. NM 88240
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 February 21, 1994
instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	2 Pool Code	3 Pool Name
30-025- 09319	79240	Jalmat Tansill Yates 7 Rvrs (Pro Gas)

4 Property Code	5 Property Name	6 Well Number
302432	State A A/C 1	95
7 OGRID No.	**8 Operator Name**	**9 Elevation**
194849	PETROHAWK OPERATING COMPANY	

10 Surface Location

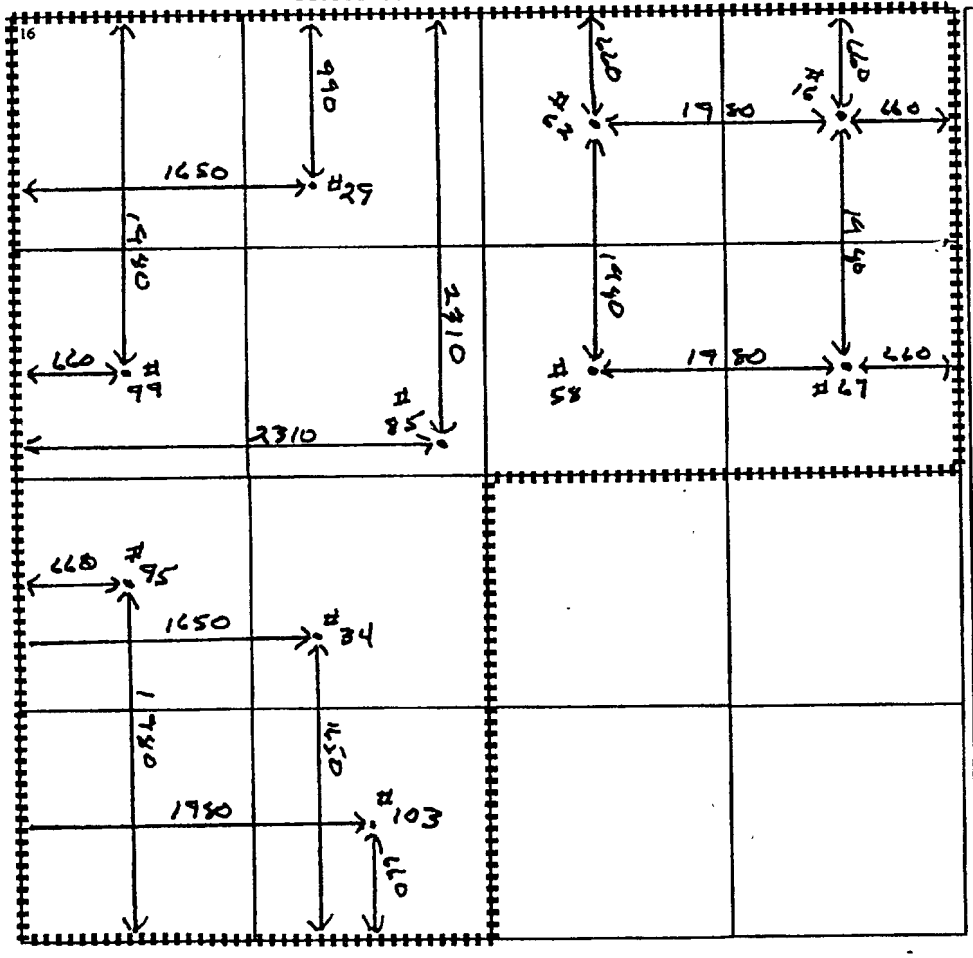
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	23S	36E		1980	South	660	West	Lea

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
480			NSL-2723-FCSD ~~Applied For~~

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

Eddie W Seay

Printed Name

Agent

Title

1/29/2008

Date

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

PETROHAWK
OPERATING COMPANY

Lease and Well No: State A A/C-1 #95
Field: Jalmat Field
County: Lea County, MN
API No: 30-025-09319
Date: 1/23/08

Clean Out Well, Open Additional Pay and Stimulate the Tansill / Yates / Seven Rivers.

PROCEDURE

1. Prior to MI dig up well casing and weld casing spool with flange. Install dry hole tree.
2. Move in and rig up workover rig.
3. ND dry hole tree. NU BOP's. Test to 3000 psi.
4. PU bit, DC's and workstring. Drill out surface cement plug from 0' to 320'±.
5. TIH to 3360', reversing out 10# gelled brine with lease salt water in stages GIH. Circulate hole clean. Positive test casing to max frac treating pressure and negative test to 0 psi. If pressure test fails, isolate leak and evaluate for cement squeeze.
6. Drill cement plug to 3390' (CIBP @ 3400'). Circulate hole clean. Retest casing and evaluate. Circulate 2% KCL water. Spot 500 gal 15% HCL across perf interval. POOH.
7. RU EL. Perforate Tansill / Yates / Seven Rivers from 2700' to 3385'.
8. RU Pump truck and frac equipment. Spearhead 4000 gal 15% HCL follow by frac job. Force close frac and begin flow back.
9. Check for fill with sandline. Clean out well with notched collar and foam air unit if required.
10. TIH with mud anchor, perf sub, SN and 2-3/8" 4.7# J-55 8rd EUE tubing. Hang off tubing as low as possible.
11. ND BOP's. NU tree. Run rods and pump.
12. Install pumping unit.
13. Return well to production.

STATE A A/C-1 #95

PROPOSED WELLBORE DIAGRAM

PETROHAWK OPERATING COMPANY

SU-T-R	11L-23S-36E	API #:	30-025-09319
POOL:	JALMAT;TAN-YATES-7 RVRS (PRO GAS)		
CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE
STATUS:		ACREAGE	40.12
LATEST RIG WORKOVER:			
DIAGRAM REVISED:	1/23/08 By: B. Berteau		

LOG ELEVATION:	3,456' KB
GROUND ELEVATION:	3,445'

	CASING		LINER	TUBING
Hole	12 1/4"	7 7/8"		
Pipe	8 5/8"	5 1/2"		2 3/8"
Weight	24#	14#		4.7#
Grade	J-55	J-55		J-55
Thread	STC	STC		8rd EUE
Depth	316'	3,707'		3385'±
Mud wt				

LOGS		
Temperature		1960

FORM	TOP
TANSILL	2,772' (file pick)
YATES	2,952'
7 RVRS	3,161'
L.MATTIX	3415'
QUEEN	3,515'

8 5/5" @ 316'
w/ 300 sx cmt to surf
Perf 5-1/2" @ 320'
w/ 215 sx cmt to surf

2% KCL Completion Fluid

2-3/8" 4.7# J-55 8rd EUE @ 3385'±

TOC @ 2,670' by Temp Surv

PERFS: 2800'- 3385'

PBTD @ 3390'
CIBP @ 3,400' on 12/93 w/ 10' cmt on top
Perfs: 3,436-3,595'
3,436, 49, 78, 84, 79, 3,518, 36, 47, 55, 61, 72, 87, 95'
CIBP @ 3,625' on 8/69
Perfs: 3,655-3,696'
3,655-58, 3,671-78, 3,692-96'
5 1/2" @ 3,707' w/250 sx Cmt

TD 3,707'

TAN-YATES-7 RVRS ZONE HISTORY

Note: Raptor has approval to re-enter well #95 & perf Tansill, Yates & 7 Rvrs 4/2002. Request (1) year extension 1/03.

OPPORTUNITY

Tansill/ Yates/ 7 Rivres not produced in this well. Clean out, Perf and Frac the Tansill / Yates / Seven Rivers

LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY

10/60 Spud. **10/60** Initial Completion
10/60 Perforated 3,655-3,696'
Vibro-frac 3,671-75' w/three #3 charges
Frac w/10,000 gal oil & 10,000# sand
IPF 60 BO, 0 BW, GOR 375 (6 hrs)
8/69 Set CIBP @ 3,625' to shut off wtr
8/69 Perf 3,436-3,595'
Acidized 1500 gal 15% NE
Frac w/20,000 gal gel & 30,000# sand.
POP
9/22/94 P&A well

[X] OCD file [X] Well File

Chg of operator
Re-entry to PxA '94

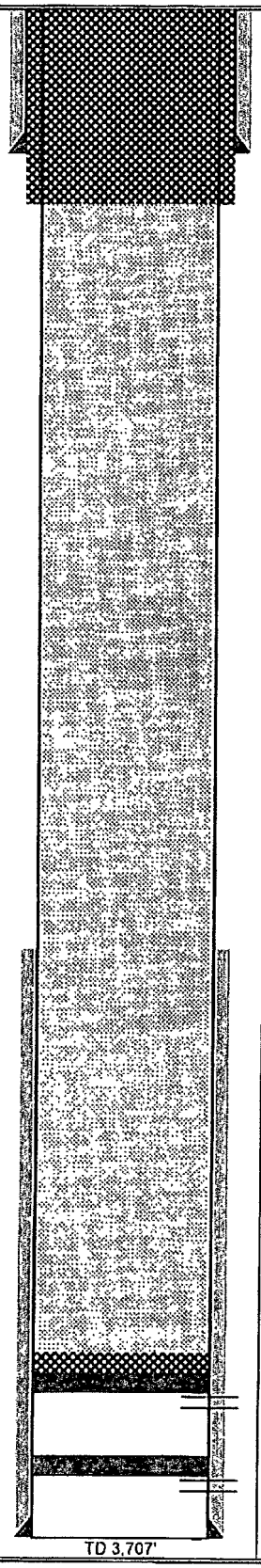
STATE A A/C-1 #95

CURRENT WELLBORE DIAGRAM

MISSION RESOURCES INC

SU-T-R	11L-23S-36E	API #:	30-025-09319
POOL:	JALMAT;TAN-YATES-7 RVRS (PRO GAS)		
CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE
STATUS:	P&A	ACREAGE	40.12
LATEST RIG WORKOVER:			
DIAGRAM REVISED:	4/26/2004 BY ERG		

LOG ELEVATION:	3,456' KB
GROUND ELEVATION:	3,445'



P&A well 9/22/94
Circ 10# gelled brine from CIBP. Pmp cmt down csg/up annulus. Set marker.

Corod Well
3,605-3,707'

	CASING		LINER	TUBING
Hole	12 1/4"	7 7/8"		
Pipe	8 5/8"	5 1/2"		
Weight	24#	14#		
Grade				
Thread				
Depth	316'	3,707'		
Mud wt				

LOGS			
Temperature			1960

FORM	TOP
TANSILL	2,772' (file pick)
YATES	2,952'
7 RVRS	3,161'
QUEEN	3,515'

TAN-YATES-7 RVRS ZONE HISTORY

Note: Raptor has approval to re-enter well #95 & perf Tansill, Yates & 7 Rvrs 4/2002. Request (1) year extension 1/03.

OPPORTUNITY

Yates & 7 Rvrs not produced

LANGLIE MATTIX (LWR 7RVRS-QUEEN) HISTORY

10/60 Spud. 10/60 Initial Completion
10/60 Perforated 3,655-3,696'
Vibro-frac 3,671-75' w/three #3 charges
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Acidized 1500 gal 15% NE
Frac w/20,000 gal gel & 30,000# sand.
POP
9/22/94 P&A well

[X] OCD file [X] Well File

Current