District I

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

State of New Mexico Energy, Minerals & Natural Resources Form C-101 May 27, 2004

1301 W. Grand Avenue, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

Submit to appropriate District Office

Oil Conservation Divsiion 1220 S. St. Francis Dr.

District IV			220 3. 31. 1				NIDED DEDODT		
1220 S. St. Francis Dr., Santa Fe, NM			Santa Fe, Ni			ш	NDED REPORT		
APPLICATION FOR	PERMIT TO Operator Name and		L, RE-ENT	TER, DEEPEN	, PLUGBACI	K, OK ADL) A ZONE		
	1	194848							
PETROHAWK OPERATING COMPAN 1100 LOUISIANA, STE. 4400		77002			30- 025 -09 3	³ API Number	91		
⁴ Property Code	110031011, 17	77002	⁵ Property Na	ame	30- 025-05	⁶ We	ll No.		
302432			STATE A A/C	2 1	10-	086			
9 Propo JALMAT: TANSILL - YATES	ed Pool 1 - 7RIVFRS (GAS	S) #79240)		¹⁰ Proposed P	ool 2			
Original Francisco	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		⁷ Surface Lo	ocation	1				
UL or lot no. Section Towns	ip Range	Lot. Idn	Feet from the		Feet from the	East/West line	County		
F 10 23			1980	NORTH	1980	WEST	LEA		
	Proposed B	ottom H	ole Locatio	n If Different Fi	om Surface				
UL or lot no. Section Towns SAME	ip Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County		
	· · · · · · · · · · · · · · · · · · ·	Ad	ditional We	ll Location					
11 Work Type Code E	12 Well Type Code G	e	13 Cable/Rota	ary ¹⁴ L	ease Type Code	15 Ground Level Elevation 3460 '			
¹⁶ Multiple	16 Multiple 17 Proposed Depth				9 Contractor	20 Spud Date 9/5/06 RE-ENTRY			
NO Depth to ground water	NO 3696 TD Depth to ground water Distance f				Distance from near	Distance from nearest surface water			
Pit: Liner: Synthetic	nils thick Clay	,	it Volume	bbls Drilling M	ethod: Rotary				
	ins thek Clay	'L' '		_		Dil-based	Gas/Air 🔲		
Closed-Loop System	21,					JII-Dased	Out, iii		
		I		Cement Progra			1,000		
Hole Size	Casing Size	Casing weight/foot		Setting Depth	Sacks of Ceme				
12-1/4"	9-5/8"	32#		314'	300		SURFACE		
8-3/4"	8-3/4" 7"		20# 3660 '		250	250 22			
					!				
					1	35,161			
Describe the proposed program. If	this application is t	to DEEPEN	or PLUG BACK	, give the data on the	present productive z	one and proposed	new productive zone.		
Describe the blowout prevention progra	m, it any. Use addi	itional sneets	n necessary. Dormit FXI	pires 1 Year Fi	om Approval	Zv 100	150		
Please see Attached Data	for Re-Entry		Date U			์ <u>จุก</u> กับไ	don B		
Well Location & Acreage Dedication Plat (C-102)									
Proposed Well Plan Current & Proposed Wellbore Schematic									
	362 (SE								
²³ I hereby certify that the information	iven above is true	and complete	to the best of	OIL	CONSERVAT	ION DIVIS	ION		
my knowledge and belief. I further cer constructed according to NMOCD g		g pit will be general pern	<u> </u>			-			
an (attached) alternative OCD appro		general peru		Approved by:	io Wils	Dimb			
Printed name: Nancy K. Gatti				Title:	J -	11 /CTA	FF MANAGER		
D 3 - 4 Mana	ier			Approval Date	ELD REPRESENT	Expiration Date:			
Title: Regulatory Mana E-mail Address: ngatti@petroh		1		Approvat Dates		inputation Date.			
Date:	Phone:			Conditions of Ap	2 1 2006				
08/29/06	93	2-369-21	ll l	Attached		1			

DISTRICT I 1625 N. French Dr., Hobbs, NM 86240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV

State of New Mexico Energy, Minerals & Natural Resources Department

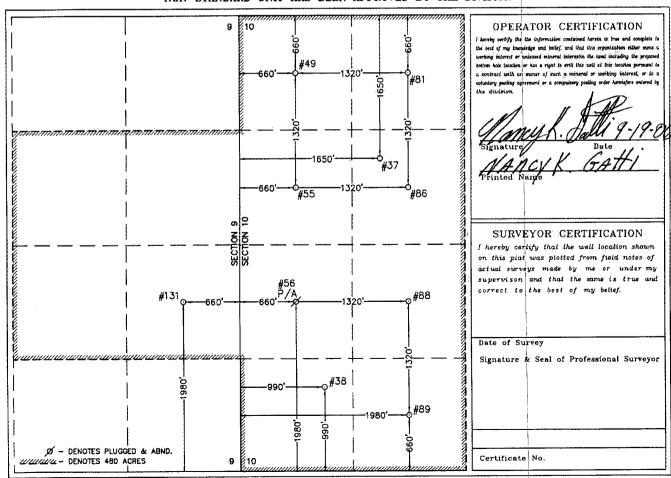
OIL CONSERVATION DIVISION 1220 South St. Frances Dr. Santa Fe, NM 87505 Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

				Pool Code 79240					
Property 0					Property New STATE A A	Well Number 086			
ogrid no 14838				PETROF	Operator Name ROHAWK OPERATING COMPANY			Elevation 3460'	
		•		•	Surface Loc	ation			
UL or lot No.	Section 10	Township 23 S	Range 36 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
			Bottom	Hole Lo	cation If Diffe	rent From Sur	face	<u> </u>	
UL or lot No. SAME	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint of		onsolidation (Code Or	der No.	NSP -	1862 (SD)		

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





Lease and Well#:

State A A/C-1 #86

Field:

Jalmat Field

County:

Lea County, NM

Date:

May 25, 2006

OAP and Stimulate Sevens Rivers Formation Procedure

- 1. Test pulling unit anchors if they have not been tested within 2 years.
- 2. MIRU workover rig. ND wellhead. NU BOP.
- 3. PU 6 1/4" bit and scraper on 2-3/8" work string. TIH to PBTD at ~3600' (CIBP @ 3600' w/2 sx). Circ well clean. POH.
- 4. TIH squeeze packer to ~3550'. Set packer and test CIBP. If CIBP tests, isolate hole in casing. Est pump in rate.
- 5. Squeeze hole in casing per cementing company procedure.
- 6. Drill out squeeze and test casing to 500 psi.
- 7. RU wireline and run cased hole log.
- 8. Perforate pay in the 7 Rivers 3310', 3315', 3336', 3341', 3365'(2 SPF), 3370'(2 SPF), 3374'(2 SPF), 3388'(2 SPF), 3395'(2 SPF), 3406' (2 SPF), 3418'(2 SPF), 3440'(2 SPF), 3445'(2 SPF), 3452'(2 SPF), 3459'(2 SPF), 3469'(2 SPF), 3478'(2 SPF), 3485'(2 SPF), 3490'(2 SPF), 3495'(2 SPF), 3515'(2 SPF), 3520'(2 SPF), 3535'(2 SPF), 3540', 3545' (2 SPF) 45 shots
- 9. PU PPI Tool on work string. Acidize Yates & 7 Rivers perfs with 2500 gals 7 ½% NEFE HCl. POOH laying down PPI tool and workstring.
- 10. PU 4-1/2" 12.75# J-55 rental string and 7" RTTS packer, testing tbg below slips to 4000 psi. Set packer at 3250' w/20,000 lbs slackoff.
- 11. Fracture stimulate Yates & 7 Rivers perforations per stimulation company recommendation.
- 12. Force close fracture and begin flow back
- 13. Release packer. POOH laying down all equipment.
- 14. PU and TIH w/2-3/8" production tbg and notched collar. Check for fill. Clean out fill with foam unit if present.
- 15. Put well on pump.

