State of New Mexico Energy, Minerals & Natural Resources

Form C-101 May 27, 2004

District.1 1625 N. French Dr., Hobbs, NM 88240 District.II 1301 W. Grand Avenue, Artesia, NM 88210 District III

Oil Conservation Divsiion

Submit to appropriate District Office

1000 Rio Brazos I	Rd , Aztec, N	M 87410)	12:	20 S. St.	Franc	eis Dr.				
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 AMENDED REPORT										ENDED REPORT	
APPLIC	CATION	FOR	PERMIT T	O DRILL	. RE-EN	NTER	, DEEPEN,	PLUGBAC	K OB ADI	D A ZONE	
	2211101		Operator Name an		, 112 23.	1 4 4211	, DEEL EN	I DOGBAC	² OGRID Number		
DETERMINE OF			·						098700 17484Y		
PETROHAWK O								³ APl Number			
		TE 440), HOUSTON T	XAS 77002	(1)	.		30- 025-09	404		
	rty Code 793 ろい	229		q	⁵ Property? TATE A A			1	٥W٤	: No. 32	
011	. / / / C C C Z		sed Pool 1		THE REAL PROPERTY.		, =	N Proposed F	Pool 2	34	
Jalma'i	r: yates/	•	RIVERS/LANGE	TE MATTIX		6	unglie Y	Nathra	0012		
<u> </u>	•				Suufaaa I						
r :	I a .	⁷ Surface				r		r	T		
UL or lot no.	Section	Towns	· 1	Lot. Idn	Feet from th			Feet from the	East/West line	County	
J	24	23			1650			1650	EAST	LEA	
			Proposed E	Bottom Hol	le Locati	on If	Different Fro	m Surface			
UI. or lot no	Section	Towns		Lot, Idn	Feet from tl		North/South Line	Feet from the	East/West line	County	
SAME											
				Addi	tional We	ell Lo	cation				
11 Work Typ	e Code		12 Well Type Cod	e	13 Cable/Ro	otary	¹⁴ Leas	se Type Code	l 15 Ground 1	_evel*Elevation	
	4 A		Ğ	İ	R			s	+/-3334		
16 Multi	ple		17 Proposed Dept	h	18 Formati				20 Spud Date		
Y			3700		TES/RVRS			DETERMINED	TO BE DETERMINED		
Depth to ground t			ŀ	Distance from n			:11	Distance from near	rest surface water		
	120 J	NB.		/00/					NA NA		
Pit: Liner: Sym	thetic	<u>(3</u> 1	nils thick Clay	Pit \	/olume 🕰	bl	ols Drilling Meth	10d: 40.0 B	4		
Closed-Lo	op System [F	resh Wa	ter Brine	Diesel/C	Oil-based	Gas/Air 🔲	
			21,,			ĽO	. D				
				roposea C	asing and	a Cen	nent Program	l 			
Hole Si	ze		Casing Size	Casing wei	ght/foot	Se	etting Depth	Sacks of Ceme	nt Es	stimated TOC	
12-1/	4		9-5/8	32.	3		323	300	SURFACE		
			7	20							
8-3/	**	-		20		2730 740		170			
		 									
		<u> </u>							İ		
22 Describe the pr	roposed pros	ram. If t	his application is to	o DEEPEN or I	PLUG BACK	K. pive	the data on the pre-	sent productive zo	ne and proposed	nav productus con	
Describe the blowd	out preventio	n prograi	n, if any. Use addi	tional sheets if n	ecessary.	, 6.,,	me data on the pre-	DE		new productive zone.	
DEEDEN WELL	חייר זומטיר	e Ourre	J. RIIN 4_1/2	' നടവ ക വഴവ	ਜ/ਜ਼ਰਜ਼ਰ ਾ	ייים אריי ע	ATES/RIVERS/1		PIV. CONCENT		
			OR DEEPENING				AIES/ICIES/I	DAYSDIE MAII	KIA; COMILINGI	<u></u>	
			E DEDICATION	N PLAT, FOR	M C-102			1.4	N 2 5 2008		
	O WELL PI		VELLBORE SCHI	MATTE				JA	M Z 3 Z00C)	
J. COMINE	ALL PRO	COLLO I	reminores scri	MALIC					200		
23		· · · ·						HUL	sbo (
1 hereby certify my knowledge and	that the infor	mation gi	ven above is true a forthat the delline	nd complete to t	the best of	OIL CONSERVATION DIVISION					
constructed accor				; pit win be eneral permit [⊐.or ŀ						
an (atta (100)) afte				•		Approved by:					
Signatus							Mus Usellianu				
Printed name: EDDY SEAY							Title OC DISTRICT SUPERVISOR/GENERAL MANAGER				
Title: REGULATORY CONSULTANT							Approval Date: 1991 O. O. O. Expiration Date:				
E-mail Address: seay04@leaco.net									-p		
Date:			Phone:					47 - 57			
	23, 200	A		-392-2236		Oil Conservation Division					
				- 336-2630	Conditions of approvals: Approval for drilling/workover ONLY CANNOT produce Downhole Commingled until						
Permit Expir					7		ILY CANNO IC is approved		WITH ONE COITH	migica unui	
Date Unless	: Drilling-i	s Ųnde	rway		1 .		, o to approved	Garica i G.		•	

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 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

	API Number 025-094			² Pool Cod 37240	- 1	Pool Name LANGLIE MATTIX;7 RIVERS-QUEEN-GRAYBURG				
⁴ Property (30243	STAT	E A A/C 1		"W	⁴ Well Number 32					
'ogrid' 194849	No.			PETRO	9	⁹ Elevation				
	_				¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn		North/South line	Feet from the	East/West line	County	
J	24	23S	36E		1650	SOUTH	1650	EAST	LEA	
			¹¹ Bo	ottom Ho	le Location It	Different From	Surface			
UL or lot no.	Section	Section Township		Lot Idn	Feet from the	North/South line	. Feet from the	East/West line	County	
12 Dedicated Acres	¹³ Joint or	· Infill '	[†] Consolidation	Code 15 O1	der No.					
40	ĺ									
No allowable v	vill be ass	igned to	this complet	ion until a	ll interests have l	oeen consolidated o	r a non-standard	unit has been app	proved by the	

16				17 OPERATOR CERTIFICATION 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
				Signature Date Eddie W Seay Agent Printed Name
	3		1650	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.
		0591		Date of Survey Signature and Seal of Professional Surveyor Certificate Number

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

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

District IV O Box 2088, Sar	nta Fe. N	M 87504-208	8] AME	NDED REPORT
		WEI	L LO	CATION	I AND A	CR	EAGE DE	EDICA	ATION PL	AT		
API Number 2 Pool Code 3 Pool Name												
3	09404	79240	79240 Jalmat Tar				ansill Yates	7 Rvrs (P				
4 Property Code					5 Pr	opert	y Name		_	6 Well Number		
30243	32						A/C 1				<u>\$2</u>	
7 OGRID No	49	• (PET	ROH	AUK		of PERATING CO			9	9 61	evation
194849 METROHAUR OPERATING CO												
UL or lot no	Section	Township	Range	Lot Idn	Feet from		North/South line Feet from		Feet from the	ne East/West line		County
J	OF OLIVINA			1650		Sout			East		Lea	
		-	н Во	ttom Ho	le.Locati	ion I	f Differen					
UL or lot no	Section	Township	Range	Lot Idn	Feet from	the	North/South	line	Feet from the	East/We	st line	County
12 Dedicated Acres	13 Jon	nt or Infil 14	Consolidati	on Code 15	Order No.							,
480			CCICNIE	D TO TU	R-112			ATTIN	TERESTS H	AVE BE	EN CO	NSOLIDATED
NO ALLOW	VABLE	WILL BE A	1251UNE 12-MON	CANDARE	IS COMP	AS BI	EEN APPRO	VED E	BY THE DIV	ISION	5 • • •	
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1				7,,,,,,	**********	*****			18 SUR	VEYO	R CER	TIFICATION
‡									1 hereby cer			on shown on this plat al surveys made by me
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1 个					32 •-	,	1450		correct to t	he had of m	v belief.	
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# 16)				8			66°	Content	Mumber		
I J			J]]	<i>i</i>	Certificate	Number		



Lease and Well No: State A A/C-1 #32

Field:

Jalmat Field

County:

Lea County, MN

API No:

30-025-09404

Date: 1/22/08

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 3477'±. Clean out hole to TD at 3552'. 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 2885' 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.

