13895



PATRICK H. LYONS COMMISSIONER

State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

RECEIVED

2007 DEC 20 PM 12 43

Phone (505) 827-5760 Fax (505) 827-5766 www.nmstatelands.org

December 17, 2007

Parallel Petroleum Corporation 1004 N. Big Spring, Suite 400 Midland, Texas 79701

Attn: Mr. Michael M. Gray

Re: 2007 Plan of Development Paris Draw Exploratory Unit Eddy County, New Mexico

Dear Mr. Gray

The Commissioner of Public Lands has, of this date, approved the referenced Plan of Development. Our approval is subject to like approval by all other appropriate agencies. The possibility of drainage by wells outside the unit area, and the need for further development of the unit may exist; therefore, we may contact you at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS COMMISSIONER OF PUBLIC LANDS

BY

JAMI BAILEY, Director Oil, Gas and Minerals Division

PL/JB/jm xc: Reader File

OCD

-State Land Office Beneficiaries -

Carrie Tingley Hospital • Charitable Penal & Reform • Common Schools • Eastern NM University • Rio Grande Improvement • Miners' Hospital of NM •NM Boys School • NM Highlands University • NM Institute of Mining & Technology • New Mexico Military Institute•NM School for the Deaf • NM School for the Visually Handicapped • NM State Hospital • New Mexico State University • Northern NM Community College • Penitentiary of New Mexico • Public Buildings at Capital • State Park Commission • University of New Mexico • UNM Saline Lands • Water Reservoirs • Western New Mexico University

13895



1004 N. Big Spring, Suite 400 • Midland, TX 79701• Ph: 432-684-3727 • Fax: 432-684-3905

MICHAEL M. GRAY

December 5, 2007

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

Attention Mr. Mark E. Fesmire

Re: Paris Draw Exploratory Unit Plan of Development

Gentlemen:

Pursuant to the terms of the State Land Office Unit Agreement covering the Paris Draw Exploratory Unit, enclosed is the Plan of Development for the Unit for calendar year 2008.

Yours/t/uly, Michael M. Gray

2007 DEC 10 20 m \bigcirc 17 Pm m 5 \bigcirc

mgray@plll.com

word1319

Enclosure

PARIS DRAW EXPLORATORY UNIT PLAN OF DEVELOPMENT CALENDAR YEAR 2008

Parallel Petroleum Corporation, the Operator of the Paris Draw Exploratory Unit, presents this Plan of Development for the calendar year 2008.

Parallel drilled and completed the Paris Draw State Unit 1624-21 No. 1 well, as a horizontal gas well in the Wolfcamp formation. The surface location for the well is in the SE/4SE/4 of Section 20-16S-24E, Eddy Co. NM and the production unit for the well consists of the S/2 of Section 21-16S-24E. This was the first well drilled within the boundaries of the Unit. The Commissioner of Public Lands by letter dated November 27, 2007, (copy attached) made a determination that the Paris Draw State Unit 1624-21 No. 1 is a commercial well in the Wolfcamp formation.

Parallel has received approved permits from the OCD for seven additional horizontal Wolfcamp wells within the Unit boundaries. The wells and producing areas allocated to them are:

Paris Draw State Unit 1624-16 No. 9, S/2 Sec.16-16S-24E Paris Draw State Unit 1624-16 No. 13, N/2 Sec.16-16S-24E Paris Draw State Unit 1624-17 No. 14, N/2 Sec.17-16S-24E Paris Draw State Unit 1624-17 No. 10, S/2 Sec. 17-16S-21E Paris Draw State Unit 1624-20 No. 2, S/2 Sec. 20-16S-24E Paris Draw State Unit 1624-20 No. 8, N/2 Sec. 20-16S-24E Paris Draw State Unit 1624-21 No. 7, N/2 Sec. 21-16S-24E

Copies of form C-101 and the first page of form C-102 for each of these wells are attached hereto.

Parallel, as Operator of the Paris Draw Exploratory Unit plans to drill one or more of the permitted wells in calendar year 2008. The number of wells drilled in 2008 will be dictated by the results of the wells drilled and by availability of equipment. Infrastructure will be developed as needed for the wells as they are drilled and completed.



PATRICK H. LYONS COMMISSIONER State of New Mexico Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148 SANTA FE, NEW MEXICO 87504-1148

November 27, 2007

Parallel Petroleum Corporation 1004 N. Big Spring, Suite 400 Midland, Texas 79701

Attn: Mr. Michael M. Gray

Re: Commercial Well Determination Paris Draw State Unit Well No. 1 S/2 Sec. 21-16S-24E Eddy County, New Mexico

Dear Mr. Gray:

We received your letter of November 15, 2007 together with data that supports your commercial determination regarding the Paris Draw State Unit Well No. 1.

The Commissioner of Public Lands concurs with Parallel Petroleum Corporation's determination that the above-mentioned well is a commercial well in the Wolfcamp formation.

Since this unit also contains Federal lands, please seek concurrence from the Bureau of Land Management.

Pursuant to Article 10 of the unit agreement, please submit your 2008 Plan of Development to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS COMMISSIONER OF PUBLIC LANDS

BY JAMI BA

Oil, Gas and Minerals Division PL/JB/pm

ee: Reader File OCD-Attention: Mr. Ed Martin BLM-Roswell, Attn: Mr. John Simitz

-State Land Office Beneficiaries -

COMMISSIONER'S OFFICE

Phone (505) 827-5760 Fax (505) 827-5766 www.nmstatelands.org //- 30-07

OC M. CRAV D. HOPKINS

District 1 1625 N. Frenc	h Dr , Hobl	bs, NM 8	8240		Er	NOTIFY O TO WITNE							n C-101
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E-mail Addr	ess: ddurh	am@plll.	com	<u></u>			ļ						
Date: 10-8-0	07			Phone: 432	-684-	3727	Conditions of	Approval At	tached 🔲				

DISTRICT J 1625 N. French Dr., Hobbs, NM 88240

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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. 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 UNDOS. Pool Name API Number 5260 LETTER WOOD CREEK, WELFCAMP west Well Number Property Name **Property** Code PARIS DRAW STATE UNIT 1624-16 9 OGRID No. **Operator** Name Elevation PARALLEL PETROLEUM CORPORATION 3660 Surface Location North/South line East/West line Range Lot Idn Feet from the Feet from the County UL or lot No. Section Township 24 E Ρ 760 SOUTH 195 FAST FDDY 17 16 S Bottom Hole Location If Different From Surface North/South line Feet from the East/West line UL or lot No. Township Lot Idn Feet from the County Section Range Ρ 24 E SOUTH 660 FAST EDDY 16 16 S 760 Consolidation Code Dedicated Acres Joint or Infill Order No. 320 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 NOTE: OPERATOR CERTIFICATION Plane Coordinates and Bearings shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1983. Distances shown hereon are mean horizontal surface values. I hereby certify the the information contained herein is true and complete to the best of my knowledge and beinef, and that this organization either owns a working interest or unleased mineral interestion the land including the proposed battom 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 posting agreement or a compulsory pooling order heretofore entered by the during 10-8-07 Signature Date Deane Durka -Printed Name SURVEYOR CERTIFICATION 16 I hereby certify that the well location shown on this plat was plotted from field notes of Project actual surveys made by me or under my Producina Area supervison and that the same is true and Area correct to the best of my behef. 195' 660' 89'56'57' 3984.2 660 (SL)o (BHL) September 17, 2007 (PP) 760' 760' 760' MALUN MCUUNALD Date of Survey ″'ĿŲĄ Signature & Seal of Professional Surveyor . V 0 Surface Location <u>Plane Coordinate</u> X = 458,506.1 Y = 697,617.6 Bottom Hole Location Plane Coordinate Penetration Point Plane Coordinate 12185 X = 459,360.9Y = 697.616.9 X = 463,344.1Y = 697,613.38 <u>Geodetic Coordinate</u> Lat. 32°55'02.52" N Long. 104°36'09.86" W T = 097,613.3 <u>Geodetic Coordinate</u> Lat. 32*55'02.59" N Long. 104*35'13.11" W (NAD '27) <u>Geodetic Coordinate</u> Lat. 32*55'02.53" N Long. 104*35'59.84" W in the second se W.O. Num. 2007-0926 (NAD 27) (NAD '27) Certificate No. MACON, McDONALD 12185

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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. 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

	Number			5260	1 - ·	JRES.	Pool Name		
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District 1 1625 N. French Dr , Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210

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Phone: 432-684-3727

E-mail Address: ddurham@plll.com

Title; Drilling Engineer

Date: 10-8-07

Approval DateOCT 1 5 2007

Conditions of Approval Attached

Expiration Date:

NOTIFY OCD OF SPUD & TIME E TO WITNESS CEMENTING OF SURFACE CASING

Form C-101 May 27, 2004

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: Deane	e Durh	am Vea	eb	them	Title: DISTRICT II GEOLOGIST					OLOGIST 2008
	Ancis Dr., S ICATIO A N. Bi rty Code 7 9 0 Section 17 Section	Ancis Dr., Santa Fe, N ICATION FO PA N. Big Sprint Try Code 7 9 5 Section Township 17 16S Section Township Section Township Section Township Section Township Section Township Section Township Section Township Section Township Section Section S	Parallel Petrol Parallel Petrol Parallel Petrol Parallel Petrol Parallel Petrol Petrol Parallel Petrol Petrol Petrol Proposed Pool 1 Pace CAge 10 Wolfcamp Proposed Pool 1 Pace CAge 10 Wolfcamp Township Range 17 16S 24E * Propose Section Township Range 17 16S 24E * Proposed Dept No 8668MD,4435 mdwater 250' Synthetic 12_mils thick Clay 8668MD,4435 mdwater 250' Synthetic 2_12_mils thick Clay ed-Loop System 2 21 fize Casing Size * 8-5/8'' 8'' 5-1/2'' he proposed program. If this application blowout prevention program, if any. Use Drilled as a Horizontal Wolfcam d mud programs as well as the d are surface location. Move in a 11'' surface hole to a minimum 7 7/8'' production hole 5000' T Sickoff point at 3986' and drill a FEL of section 16 and continue 1'/2'' to TD and tie cement back etermined). well on test. No H2S is anticip will share a pad and common r trify that the information given above is to howledge and belief. I further certify tha according to NMOCD guidelines X, a g iternative OCD-approved plap .	Ancis Dr., Santa Fe, NM 87505 ACATION FOR PERMIT TO Parallel Petroleum C 94 N. Big Spring Street, Suite 400, rty Code Paris Proposed Pool 1 2000 CA & 10° Wolfcamp 1000 CA & 10° Wolfcamp 1000 CA & 10° Wolfcamp 17° 16S 24E 8 Proposed Bott Section 17° 16S 24E Code N 0 & G 10° 0 &	1220 So Santa Fe, NM 87505 Santa ICATION FOR PERMIT TO DRILL, RE-	1220 South St. Santa Fe, NM 87505 Santa Fe, NM 87505 Santa Fe, NM ICATION FOR PERMIT TO DRILL, RE-ENTI Operator Name and Address Parallel Petroleum Corp. A N. Big Spring Street, Suite 400, Midland, TX. 79 Toyonstup Tarallel Petroleum Corp. Parallel Petroleum Corp. A Surface Locat Parallel Petroleum Corp. A Surface Locat Parallel Petroleum Corp. Yuge Code Paris Draw State Unit Parallel Petroleum Corp. Surface Locat Section Townshup Range Lot Idn Feet from the 760' Additional Well Infi Townshup Range Lot Idn Feet from the 760' Additional Well Type Code N O & G N O & G Nothetic @ _12_mils thick Clay D bistance from nearest fresh water Synthetic @ _12_mils thick Clay D bistance from nearest fresh water Synthetic @ _12_mils thick Clay D bistance from nearest fresh water Synthetic @ _12_mils thick Clay	In the property South St. Frances Santa Fe, NM 8750 Santa Fe, NM 8750 Santa Fe, NM 8750 ICATION FOR PERMIT TO DILL, RE-ENTER, DI Operator Name and Address Parallel Petroleum Corp. AN. Big Spring Street, Suite 400, Midland, TX. 79701 ty code Paris Draw State Unit 1624- * Proposed Pool 1 Operator Name Paris Draw State Unit 1624- * Proposed Pool 1 Operator Name Section Township Range Lot Idn Feet from the Northog Section Township Range Lot Idn Feet from the Northog Additional Well Informati Township Name Additional sheets fresh water well 50			

N DISTRICT 1 1625 N. French Dr., Hobbs, NM 68240

3

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

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

DISTRICT IN 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

API Number		1	Pool Code		, 29Cl				
Property Code			5260	Property N	ILA Luc	op ch	eenc; Wolf	Vell Num	<u>e Sj</u> iber
	ļ	P	ARIS DF	RAW STATE		524-17		10	
OGRID No.		PA	RALLEL	Operator N PETROLEU		RATION		Elevatio 3660	
·····		<u></u>		Surface L					· · · · · ·
UL or lot No. Section P 17	Township 16 S	Range 24 E	Lot Idn	Feet from the 760		JTH	Feet from the 213	East/West line EAST	County EDDY
	10 3		Hole Loo	cation If Di					2001
UL or lot No. Section	Township	Range	Lot Idn	Feet from th		outh line	Feet from the	East/West line	County
M 17	16 S	24 E		760	SO	JTH	660	WEST	EDDY
Dedicated Acres Joint or 320	Infill Co	nsolidation (Code Or	der No.					
NO ALLOWABLE WILL				MPLETION U HAS BEEN				CONSOLIDATE	D OR A
1) Plane Coordinates and B Transverse Mercator Grid Mexico Coordinate System North American Datum, hereon are mean horizon Plane Coordinate X = 454,060.6 Y = 697,612.4 Geodetic Coordinate Lot. 32*55*02.35* N Long. 104*37*02.02* W (NAD '27)	and Conform n", New Mexic of 1983. Dist ital surface va Produc A	to the "New co East Zone, ances shown alues.	Penstr Plans X = 4 GeodetL Lat. 32 Long. 104 (N Project Arec		Y = 697 <u>Geodetic (</u> Lat. 32*55 Long. 104*3		the best of my bouckeye working married in white boltom has been have been a contract with an own woundary pooling agreeme the ducan. Signature Deach C Printed Nam SURVEY I hereby certif on this plat it actual surveys supervision an correct to th Septe Date of Survi Signature & Signature & Si	normation contensed herein is the and behaving and that this regresses are reput to druit the vertice to be and are reput to druit this well at this or of such a maneral or working at or a compution possible order to Date Date Date Date that the well local as platted from field made by me or rad that the same is the best of my behave ember 17, 2000 by the second field the same is the best of my behave the second field field made to me or rad that the same is the best of my behave the second field field the same is the best of my behave the second field field the same is the best of my behave the second field field field the same is the best of the same is the best of my behave the second field field field field field field the same is the same is the best of field	ton rither owns a whong the property actions permanel waterset, or to a metalerset, or to a metalerset, or to a metalerse the P-O7 TION ton shown a notes of under my true and f 7 """, LVA Surveyor

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District } 1625 N. Frencl	h Dr., Hobbs, 1	NM 88240	ER	Ene	State of ergy Minerals	New Mex	ico 1 Resour	C.95		Form C-1 May 27 20	01
District II 1301 W. Grand	d Avenue, Arte	sia, NM 88	8210				/	MA - NOCE S	ubmit to apr	May 27, 20 propriate District Off AMENDED REPO	ice
District III 1000 Rio Braz	os Road, Azte	c, NM 874	10	J		rvation Div th St. Franci	s Dr.	MOREN 6 200			рт
District IV 1220 S. St. Fra	ancis Dr., Santa	a Fe, NM 8	7505			Fe, NM 875	05	APR 16200	./ .	AMENDED REPU	RI
APPL	ICATION	FOR	PERMIT	гор	RILL, RE-E	NTER, DI			CK, OR	ADD A ZONE	
		t (Operator Name a allel Petrol	ind Addre	SS	<u> </u>		2303	OGRID Nu	mber	
	Ų	Spring S	Street, Suite	e 400, I	Midland, TX			30-0	S / S Num	22222	
³ Proper	rty Code			Paris	Property N Draw State V	^{ame} Jnit 1624-2	20			Well No. 2	
	<u>y Q </u> vd e 3	l "Pr	oposed Pool 1					10 Ргор	osed Pool 2		
Eagle	Cnek		/olfcamp								
				·	⁷ Surface I			<u></u>			
UL or lot no. P		ownship 16S	Range 24E	Lot	Idn Feet from 760		outh line S	Feet from the 168'	East/West liz E	Eddy	
	<u>L</u>		⁸ Propos	sed Bott	om Hole Locati	on If Differer	t From Su	ırface	<u></u>	¥	
UL or lot no.		ownship 16S	Range 24E	Lot		n the North/S	outh line S	Feet from the 660'	East/West liv W	ne County Eddy	
<u> </u>	20	105	<u>24</u> E	IAd	Iditional Wel		<u> </u>	000	VV		
	Type Code		12 Well Type Cod		¹³ Cable/	Rotary		ease Type Code	1	Ground Level Elevation	
	N Iultiple		O&G ¹⁷ Proposed Dept	h	R Bernard Report			P ¹⁹ Contractor		3685' ²⁰ Spud Date	
11	No		4MD,4435		Wolfe			NA		NA	<u> </u>
	indwater 250				e from nearest fres				n nearest surfa	ace water 600'	
	: Synthetic 🛛		Is thick Clay		olume:25,000 bbl		Drillin <u>g Me</u> resh Water (Bring [] Di	esel/Oil-based		
		·· ·	21	Propos	sed Casing a						
Hole S	Size	Casir	ng Size		g weight/foot	Setting D		Sacks of C	ement	Estimated TOC	
11			5/8"		24#	1,500)' /Co			Surface	
7-7/	8"	5-2	1/2"		<u>1</u> 7#	TVD 44 MD 86		NA		<u>X</u> Tie back To surface	
1						1410-00				casing	<u></u>
Verre		CBL	Cr e	mp	Suiver				<u> </u>		
					PEN or PLOOBA		ta on the pre	esent productive 2	one and prop	osed new productive zo	me.
					The attached al information					ontains details on	<u>the</u>
1. Prep	are surface	e location	n. Move in a	and rig	up drilling rig	, spud well a	nd drill a	and set condu	ctor. Inst	all and test BOP's	5.
2. Drill 3. Drill	11" surfac	e hole to duction) a minimum hole 5000' T	depth D and d	of 1500', Set a	8 5/8"casing	and ceme	ent. s DLL/CNL/		CP to TD	
4. Set I	Kickoff poin	nt at 394	2' and drill	and adv	vance hole to a	Wolfcamp	penetrati	on point at a		ely 760' FSL and	
					illing to BHL.				iecessary (specific procedur	e to
be d	etermined).	•			-	-	-			specific procedur	c to
					uring the drill pit with the P			1624-21 #1			
²³ I hereby co	ertify that the i	nformation	given above is	true and c	omplete to the			ONSERVA'		VISION	
	•		•		lling pit will be ermit 🔲, or an	Approved by:		STIBLICT			
	lternative OC			· /	$2\overline{)}$			BRYAN C		NPT -	
Printed name	e: Deane	Durham	Stur	the	the	Title:		DISTRIC		LOGIST	
Title; Drillin	g Engineer		- C			Approval Date	APR 1		Expiration Da		2008
E-mail Addr	ess: ddurham	@plll.com									
Date: 4-12-0	07		Phone: 432	-684-	3727	Conditions of A	Approval Att	tached 🗌			

<u>DISTRICT j</u> ⁴ 2625 N. French Dr., Hobbs, NM 88	9240	Ene		te of Nev als & Natural	W Mexico Resources Dep	Submit	Revised of the Appropriate of th	C-102 2005		
DISTRICT II 1301 W. Grand Avenue, Artagia, NI	N 88210	1	OIL CO		State LL Fee Lease	Copies				
DISTRICT III 1000 Rio Brazos Ed., Axtee, NM 87	7410				IM 87505		Month - Year APR 16 2001 OCD - METESIA, MM			
DISTRICT IV 1220 S. St. Francis Dr., Santa Fe,	NH 87505						OCD - NETTESIA	AMENDED	REPORT	
	WE	LL LOCA	ATION A	ND ACRI	EAGE DEI					
API Number		Pool Code 9662 Eagle Cheek: W						fca mp Well Number		
Property Code		P	ARIS DF	Well Num 2						
OGRID No.			RALLEL	Elevatic 368						
L					1 000	·				
UL or lot No. Section P 20	Township 16 S	Range 24 E	Lot Idn	Feet from t 760		JTH	Feet from the 168	East/West Line EAST	County EDDY	
			Hole Loo	cation If E	ifferent Fr	om Sur	lace	,	ļ	
UL or lot No. Section	Township	Range 24 E	Lot Idn	Feet from t		outh line UTH	Feet from the 660	Bast/West line WEST	County EDDY	
M 20 Dedicated Acres Joint or	16 S Infill Co	nsolidation	Code Or	der No.	30			WE51		
320										
NO ALLOWABLE WILL					UNTIL ALL APPROVED			CONSOLIDATE	D OR A	
			Transver Mexico North	rse Mercator G Coordinate Sys American Datu	Bearings show id and Conform idem". New Mexia n of 1983. Dis contal surface v	 I hereby certify the the in ihe best of my knowledge working interest or unlease bottom hele lecetion or has a contract with an owne 	OR CERTIFICA formation contained herein is to an obtain the solution of the solution of waters and the solution of the solution of south a minuter of undersite it or a computery position order to a solution of the solution of the solution of a computery position order to a solution of the solution of	ux and complete to ation rither sums a buding the proposed location pursuant to g interest, or to a		
Bottom Hole Location <u>Plane Coordinate</u> X = 454,032.8 Y = 692.324.8 <u>Geodetic Coordinate</u> Lot. 32°54'10.03" N Long. 104°37'02.18" W (NAD '27)			<u>Plane</u> X = 4 Y = 0 <u>Geodetin</u> Lat. 32 Long. 104	ation Point Coordinate 458,015.5 592,334.7 c Coordinate 54'10.23' N 4'36'15.46" V AD '27)	<u>Plane Co</u> X = 456 Y = 692 <u>Geodetic</u> Lat. 32°54 Long. 104°3	<u>Coordingte</u> *'10.26" N	Printed Nam	Date Durkan e OR CERTIFICA that the well loca		
	Producin Are		Proje Ar	ect _			actual surveys supervison an	as plotted from fiel made by me or al that the same i a best of my beli	under my s true and	
							Date of Surve	oril 4, 2007 by Seal of Professione	LVA 11 Surveyor	
		5 89 ⁻ 51'29"	W - 398	33.8'	(PP)	660'- 492' 0 (SL) 09/ 09/	W.O. N	um. 2007-04 •. MACON MCDONAL		

District I 1625 N. French Dr , Hobbs, NM 88240 District III 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV

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1220 S. St Francis Dr., Santa Fe, NM 87505

NOTIFY OCD OF SPUD & TIME TO WITNESS CEMENTING OF SURFACE CASING

Form C-101 May 27, 2004

Submit to appropriate District Office

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T220 South St. Francis Dr. Santa Fe, NM 87505 OCT 11 2007

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AMENDED REPORT

APPL	ICATI	ON FOR	PERMIT	то П	ULL, RE-I	ENTER, E	EEPEN	PLARTE	SIA CK, OR	ADD A ZONE
	• • • • •		Operator Name allel Petro	and Addres	ŝs			Г	² OGRID N	umber 230387
100	04 N. Bi	g Spring	Street, Suit	te 400, 1	Midland, T	X. 79701		30.0	'API Nut	
Prope	rty Code	,		Doric	Property N Draw State	Vame	20			"Well No
_36	141	ļ		rains			-20			8
	ses (roposed Pool I Volfcamp	1.	_			¹⁰ Pro	posed Pool 2	
Cotten u	() 2 30	has le ,	Voncamp	+ We		Location		••••••••••••••••••••••••••••••••••••••	······	
UL or lot no	Section	Township	Range	Lot I			South line	Feet from the	East/West	ine County
A	20	16S	24Ě	2011	76		N	213'	E	Eddy
			⁸ Propo	sed Botto	om Hole Locat	ion If Differe	ent From Su	ırface		
UL or lot no	Section	Township	Range	Lot I	dn Feet fro	m the North	South line	Feet from the	East/West	
D	20	16S	<u>24E</u>		ditional We		N	660'	<u> </u>	Eddy
¹¹ Work	Type Code		12 Well Type Co		¹³ Cable			ease Type Code		¹⁵ Ground Level Elevation
-	N		0 & G		F	٤		P		3638'
	Iultiple NO	074	¹⁷ Proposed Dep 8MD,443		¹⁸ For Wolf	mation		⁹ Contractor		²⁰ Spud Date
Depth to Grou			<u>001VID,443.</u>		e from nearest fres		1)00'	NA Distance fro		<u>NA</u> face water 600'
			ils thick Clay		olume.25,000 bbl		Drilling Me			
	ed-Loop Sys		is thick only		5.une.25,000 001		-		iesel/Oil-base	d 🗌 Gas/Air 🗌
	<u>- 200p 033</u>		21	Propos	ed Casing a		_		,	
Hole S	11-0	Cari						Sacks of C		Estimated TOC
11			ng Size 5/8"		g weight/foot 24#	Setting				Surface
7-7/			1/2"		17#	TVD 4		NA	the second s	Tie back
						MD 8	668'			To surface
	••							· · · · · · · · · · · · · · · · ·		casing
Verite	2 +	<u>Ichmi</u>	CBL		Temp Jun	Ueg	ata an tha - ra			posed new productive zone
					I sheets if necess		ata on the pre	sem productive	zone and prop	posed new productive zone
										contains details on the
					<u>al information</u> In drilling rig					all and test BOP's.
2. Drill	11" surf	ace hole to) a minimum	ı depth o	of 1500'. Set	8 5/8"casing	and ceme	nt.		
					valuate runn					
					ance hole to a g to BHL. (86				pproximat	tely 760' FNL and
									necessary ((specific procedure t
	etermine				-		-		·	
					ring the drill pit with the P			1 60 4 01 47		
			given above 15			alls Diaw S				
best of my ki	nowledge ar	nd belief. I fu	rther certify th	at the drill	ling pit will be		OIL CC	DNSERVA	TION DI	VISION
		to NMOCD ; OCD-approv	guidelines X, a	general pe	T , or an	Approved by:		BRYA	N Ĝ. AR	PANT
(attached) s					I			- DISTI	VCT II G	EOLOGIST
Printed name	: Deane	Durham	Nem	enje	m	Title:	6 _ · · -			-00013
Title, Drillin	g Engineer					Approval Dat	e: OCT 1	5 2007	Expiration Da	
E-mail Addr	ess ddurh	am@plil.com								
Date. 10-8-0)7		Phone: 432	?-684-3	3727	Conditions of	Approval Atta	ached 🔲		

DISTRICT_J 1625 N. French Dr., Hobbs, NM 86240

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

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

NOTE:

 Plane Coordinates and Bearings shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum, of 1983. Distances shown hereon are mean horizontal surface values.

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

□ AMENDED REPORT

12185

2007-0925 curt

MACON MCDONALD 12185

W.O. Num

Certificate No.

2

WELL LOCATION AND ACREAGE DEDICATION PLAT UNDES. Pool Name API Number Pool Code Cottonwood Creek; Wolframp, West Hell Number 5260 Property Name **Property** Code PARIS DRAW STATE UNIT 1624-20 8 OGRID No. **Operator** Name Elevation PARALLEL PETROLEUM CORPORATION 3638 Surface Location UL or lot No. Section Township Lot Idn Feet from the North/South line Feet from the East/West line County Range 24 E 760 NORTH 213 EDDY 20 16 S EAST А Bottom Hole Location If Different From Surface UL or lot No. Section Township Lot Idn Feet from the North/South line Feet from the East/West line County Range NORTH 20 24 E 760 660 WEST D 16 S EDDY Dedicated Acres Joint or Infill Consolidation Code Order No. 320 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 OPERATOR CERTIFICATION 760' hereby certify the the information contained herein is true and complete 760' 760 the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interestin the land including the proposed (SL) bottom hale location or has a right to drill this well at this location pursu a contract with an owner of such a mineral or working interest, or to a 660 luntary poeting agreen 447' end or a compulsory pooling order heretafore entered by (BHL) S 89'55'58" W - 3979.9' (PP) the durision 660' 10-8-07 Signature Date Deane Dar An **Printed** Name Producing Area Project SURVEYOR CERTIFICATION Area hereby certify that the well location shown on this plat was plotted from field notes of Bottom Hole Location Penetrotion Point Surface Location actual surveys made by me or under my Plane Coordinate X = 454.052.9 Y = 696,092.6 <u>Plane Coordinate</u> X = 458,031.8 Y = 696,097.3 $\frac{Plone Coordinate}{X = 458,478.6}$ Y = 696,097.8supervison and that the same is true and correct to the best of my beinef <u>Geodetic Coordinate</u> Lat. 32°54'47.31" N Long. 104°37'02.06" W Geodetic Coordinate Lat. 32'54'47.46" N Long. 104'36'15.38" V (NAD '27) <u>Geodetic Coordinate</u> Lat. 32°54'47.48° N Long. 104°36'10.14° W W W (NAD '27) September 17, 2007 (NAD '27) Date of Survey Signature & Scalvor Professional Surveyor MET

District 1 16252 French Dr., Hobbs, NM 88240 District 11 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

NOTIFY OCD OF SPUD & TIME TO WITNESS CEMENTING OF SURFACE CASING

Phone: 432-684-3727

Date 10-8-07

Caraco a

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Submit to appropriate District Office

Form C-101

May 27, 2004

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	District IV					1220 Soi Santa	ith St. F Fe, NM		r. (OCT 1120	07 C] лмі	ENDED REPORT
	1220 S St Fr	ancis Dr , S	anta Fe, N	M 87505		Santa	re, nivi	0/303	0	CD-ARTE	SIA		
	APPL	ICATI	ON FO	R PERMIT	то 🗖	ULL, RE-I	ENTEF	R, DEEI				R ADI) A ZONE
ſ				Operator Name	and Addre	55				23	OGRIDI	Jumber	
	10(14 N Bi		Parallel Petrol ng Street, Suit			X 7970	1			API Nu	mber	
ļ		rty Code				Property 1				30-	015-	<u>35</u> Well	<u>856</u>
	367	\sim -			Paris I	Draw State (COM 1	624-21				7	
1	UN	Des.		⁹ Proposed Pool 1						¹⁰ Prop	osed Pool 2		
l	Cottony	used (Les K:	Wolfcamp	Wes	17							
						⁷ Surface	Locatio	n					·····
	UL or lot no A	Section 20	Township 16S	Range 24E	Lot I	dn Feet fro 76		North/South lı N	ne	Feet from the 195'	East/West E	line	County Eddy
(sed Bott	om Hole Locat	tion If Di	fferent Fre	om Sı	Irface	L	ł	
	UL or lot no	Section	Township	Range	Lot	dn Feet fro	om the	North/South In		Feet from the	East/Wes	hne	County
ĺ	<u> </u>	1	<u>16S</u>	24E		76		N		660'	<u> </u>		Eddy
I	U Work	Type Code		¹² Well Type Coo		ditional We	Rotary	Tation	14 1	ease Type Code		¹⁵ Grour	d Level Elevation
		N		0 & G		F	રં			Р			3638'
		Iultiple NO		¹⁷ Proposed Dep 912MD,4435			mation camp		1	"Contractor NA		21	Spud Date
	Depth to Grou			712110,4453		e from nearest fres		<u> </u>		Distance from	n pearest su	rface wa	
				mils thick Clay		olume 25,000 bb			ling Me				
		cd-Loop Sys				0101110 20,000 00			_		esel/Out-bas	.a 🗖 (
l		cu-coop 333		21	Propos	sed Casing a	nd Cen				csch On-Das		
	Hole 5			Casing Size		g weight/foot		ting Depth	grain	Sacks of C	mant		Estimated TOC
	11			8-5/8"		24#		1500'	110	~ 325			Surface
	7-7/	8"		5-1/2"		17#		D 4435		NA		,	Tie back
							M	D 8912'			`	*	To surface
		•											casing
★	Verify	150	DMIT	CBLer	Tem	5 SURVER							
	²² Describe I			If this application				the data on	the pre	sent productive 2	one and pro	posed n	ew productive zone
				program, if any Use izontal Wolfcar				nlan will	he ut	ilized for this	test and	contai	ns details on_the
				as well as the d								contai	is details on the
	I. Prep	are surfa	ace loca	tion. Move in a	and rig (up drijling rig	g, spud v	vell and d	Irill a	nd set condu	ctor. Ins	tall an	d test BOP's.
	2. Drill	11" surf	face hole	e to a minimum	depth o	of 1500', Set	8 5/8"ca	sing and	ceme	nt.			
				on hole 5000' T									
				3580' and drill							oproxima	tely 70	50' FNL and
				on 21 and continue to a continue to a compare to a contract to contract to a contract to a contract to a contract to a contract								(0000)	fic procedure to
		etermine		ie cement back	to sur la	ice casing. Te	liviale	porosity	anu s	timulate as I	lecessary	(speci	ne procedure to
				o H2S is antici	pated di	ring the drill	ing of th	is well.					
				and common					Unit I	624-20 #8.			
				tion given above is				OI	L CC	ONSERVA'	LION D	VISI	ON
				I further certify the CD guidelines X, a g			Approve						<u></u>
				roved plan].		1	rippiore			BRYAN G	APPAT		
	Printed name	e Deane	e Durh	am Oly	o N.	for	Title.			DISTRICI			IST
	Title, Drillin	g Engineer					Approva	1 Date. 00	T 1	5 2007	Expiration D	_{ate} 0C	T1 52008
	E-mail Addr	ess ddurh	am@pll1.c	om						- LOUG			

Conditions of Approval Attached

DISTRICT J 1625 N. French Dr., Hobbs, NM 58240

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

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

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 67505

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

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API	Number		i	Pool Code		7	IND	2.5	Pool Name						
				<u>5260</u>		Co	Trent	hood	Cheli 4	Volfeanp, Well Num	West				
Property C	ode		F	PARIS DI	Property RAW STA					Well Num 7	ber				
OGRID No	_				Operator PETROLE					Elevatio					
23038	-/	[RALLEL			·····		· 	363	0				
					Surface			outh line	Feet from the		Greenter				
UL or lot No. A	Section 20	Township 16 S	Range 24 E	Lot Idn	Feet from 760	tne		RTH	195	East/West line EAST	EDDY				
		10 5		<u> </u>			L				2001				
UL or lot No.	Section	Township	Range	Hole Loo	Feet from			om Sur	IACE Feet from the	East/West line	County				
A	21	16 S	24 E		760	цю	· ·	RTH	660	EAST	EDDY				
Dedicated Acres			onsolidation	Code Or	der No.										
320	320														
NO ALLOWA	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														
Mexico Coordi	rcator Grid nate System an Datum (and Conform ", New Mexis 1 983. Dis tal surface v	to the "New co East Zone, tances shown	660'		_	<u>3990.2'</u> oducing Area	-09 2/ 666 (BHL)	I hareby certify the like the best of my knowledg working vulnets of multi bettern while locking in the locking has been and the locking without young arrean the division Signature Death Printed Nar SURVEN I hareby certy on this plat u actual surveys supervision a	e Dunlam	e and complete to han either owns a when the property contained by whereast, or to a entitiese entered by <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D-T</u> <u>ID-D</u>				
		<u>Plane</u> X = 4 Y = 6 <u>Geodetic</u> Lat. 32 Long. 104	e Location Coordinate 458,496.7 596,097.8 Coordinate 54'47.48" N 4'36'09.93" AD '27)	<u>Plans</u> X = Y = <u>Geodet</u> Lat. 3: W Long. 14	rotion Point 2 Coordinate 459,351.5 696,097.1 15 Coordinat 2'54'47.49" 04'35'59.90" VAD '27)	je N	Plane (X ≈ 40 Y ≈ 69 Geodetic Lat. 32*9 ong. 104	ble Locot j Coordinate 53,340.6 6093.6 Coordina 54'47.55" 35'13.11 D'27)	N WOIN	ember 17, 200 ey seal or Professiona (12185) Núrn. 2007-09	2:4				