

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 149417

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

1. Operator Name and Address PARALLEL PETROLEUM LLC P O BOX 10587 MIDLAND, TX 79702		2. OGRID Number 230387
		3. API Number 30-015-40367
4. Property Code 39255	5. Property Name HIGH CALLING 1821 15 STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	15	18S	21E	M	1260	S	330	W	EDDY

8. Pool Information

WC HOPE MOUND; WOLFCAMP (GAS)	97641
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4256
14. Multiple N	15. Proposed Depth 7500	16. Formation Morrow	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1500	420	0
Prod	8.75	7	26	7500	850	1500

Casing/Cement Program: Additional Comments

Drill 12 1/4" surface hole to 1500' with fresh water mud system, wt. 8.5, vis 28, set 8 5/8" casing & cement to surface. Drill 8 3/4" hole to 7500' w/brine mud system, wt 10, vis 30, run open hole logs. Set 7" casing to TD & tie cement back to surface casing. Perforate porosity and stimulate as necessary (specific procedure to be determined). Place well on test. No H2S is anticipated in the drilling of this well. Additional Well Info: Wildcat in the Morrow formation, drilling pit will be constructed according to NMOCD guidelines, Non-Standard Location to be filed prior to producing well. Form C-144 CLEZ sent via U S Postal Service on 5/30/12.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	1500	

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 type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 6/5/2012	Expiration Date: 6/5/2014
	Conditions of Approval Attached	

Printed Name: Electronically filed by DONNA K BLAKE
 Title:
 Email Address: blake@plll.com
 Date: 5/30/2012 Phone: 432-685-6583

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. 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	Pool Code	Pool Name
Property Code	Property Name HIGH CALLING 1821-15 STATE	Well Number 1
OGRID No.	Operator Name PARALLEL PETROLEUM LLC	Elevation 4256

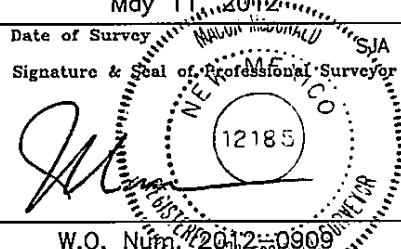
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	18-S	21-E		1260	SOUTH	330	WEST	EDDY

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
Dedicated Acres	Joint or Infill	Consolidation Code	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

<div>Plane Coordinate X = 359,756.4 Y = 634,631.1</div> <div>330' #1 1260'</div>	<div>NOTE: 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</div>	<div>OPERATOR CERTIFICATION I hereby certify the 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.</div> <div>Signature _____ Date _____</div> <div>Printed Name _____</div> <div>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.</div> <div>May 11, 2012</div> <div>Date of Survey _____</div> <div>Signature & Seal of Professional Surveyor </div> <div>W.O. Num 12185</div> <div>Certificate No. Macdonald 12185</div>
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Permit Comments

Operator: PARALLEL PETROLEUM LLC , 230387

Well: HIGH CALLING 1821 15 STATE #001

API: 30-015-40367

Created By	Comment	Comment Date
MAMARTINEZ	Wildcat in the Morrow formation, drilling pit will be constructed according to NMOCD guidelines, Non-Standard Location to be filed prior to producing well. Form C-144 CLEZ sent via U S Postal Service.	5/30/2012
CSHAPARD	Land s/S	6/1/2012

Permit Conditions of Approval

Operator: PARALLEL PETROLEUM LLC , 230387

Well: HIGH CALLING 1821 15 STATE #001

API: 30-015-40367

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string