

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101

May 27, 2004

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

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 Chaparral Energy, LLC 701 Cedar Lake Blvd. Oklahoma City, OK 73114		² OGRID Number 004115
		³ API Number 30 - 025 - 25046
⁵ Property Code 027322	⁶ Property Name West Jal B Deep	
		⁸ Well No. 1-1
⁹ Proposed Pool 1 Jal Wolfcamp		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. H	Section 17	Township 25S	Range 36E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 660	East/West line East	County Lea
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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
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code R	¹⁵ Ground Level Elevation 3123'
¹⁶ Multiple No	¹⁷ Proposed Depth 11650' CIBP	¹⁸ Formation Wolfcamp	¹⁹ Contractor Key Energy	²⁰ Spud Date
Depth to Groundwater 20'		Distance from nearest fresh water well 1.5		Distance from nearest surface water +/- 50 miles
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Use steel tanks if pit needed - Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	20"	94#	767'	1700	Surface
	13 3/8"	68 & 72#	5159'	5300	590'
	10 3/4"	60 7#	11263'	2950	5140'
	7 3/4" liner	46.1#	10917'-14685'	1300	
	5 1/2" & 5" liner	23.08#	14332'-18930'	750	

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.

Presently producing 15 mcf/d from the Fusselman formation. Propose to recomplete to Wolfcamp formation. (1.) MIRU Completion Unit. Blow well down, dump 20 bbls produced water down tubing to kill well. (2.) Remove tubing head and install 5000 psi BOP. (3.) Release packer and POOH w/tubing and packer. Lay down 3000' tubing. (4.) RU electric line truck. Set 7 3/4" CIBP @ 14,200' and 11,650'. (5.) Load hole w/4% KCL water. Perforate Wolfcamp formation w/4 DPJSPF from 11,395'-11,399' and 11,379'-11,381'. RD electric line truck. (6.) PU 7 3/4" Arrowset 1-X packer and RIH on 2 3/8" tubing. Set packer @ 11,350'. (7.) Remove BOP and install 2 3/8" 5000 psi tubing head. (8.) RU swab, swab well down to clean up wellbore. (9.) RU Service Company. Acidize the Wolfcamp formation with 2500 gal 7 1/2% acid w/surfactants. Displace with 4% KCL and surfactants. RD Service Company. (10.) Flow and swab well back to clean up and test. (11.) RD Completion Unit. (12.) Return well to production, reporting results of the office.

Permit Expires 1 Year From Approval
 Date Unless Drilling Underway
 Plugback

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 NMOCDC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Traci Cornish		Approved by: <i>Chris Williams</i>	
Title: Engineering Tech		Title: _____	
E-mail Address: traci@chaparralenergy.com		Approval Date: OC DISTRICT SUPERVISOR GENERAL MANAGER	
Date: 01/05/2006		JAN 19 2006	
Phone: (405)478-8770		Conditions of Approval Attached <input type="checkbox"/>	

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25046	² Pool Code 33813	³ Pool Name Jal, Wolfcamp, West
⁴ Property Code 027322	⁵ Property Name West Jal B Deep	⁶ Well Number 1-17
⁷ OGRID No. 004115	⁸ Operator Name Chaparral Energy, LLC	⁹ Elevation 3123' GL

¹⁰ Surface Location

UL or lot no. H	Section 17	Township 25S	Range 36E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 660	East/West line East	County Lea
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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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

16					<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p><u>Traci Cornish</u> 01/05/2006 Signature Date</p> <p>Traci Cornish Printed Name</p>
					<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p>
					<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
					<p>Certificate Number</p>