

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

Form C-104
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHEVRON MIDCONTINENT, L.P. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 241333
⁴ API Number 30 - 025-36680		³ Reason for Filing Code/ Effective Date RT - 750 bbls/MONTH effective 8-06
⁵ Pool Name WILDCAT; WOLFCAMP, Southwest		⁶ Pool Code 97339
⁷ Property Code 302783	⁸ Property Name RAPTOR WEST "3" STATE	⁹ Well Number 1

II. ¹⁰ Surface Location

Ul or lot no. J	Section 3	Township 19-S	Range 34-E	Lot.Idn	Feet from the 1650	North/South SOUTH	Feet from the 1650	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code S	¹³ Producing Method F	¹⁴ Gas Connection 9-04-2004	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID 34053	¹⁹ Transporter Name and Address PLAINS MARKETING	²⁰ POD	²¹ O/G O	²² POD ULSTR Location and Description J-3-19S-34E LEA COUNTY

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 10-03-05	²⁶ Ready Date 10-10-05	²⁷ TD 13,920'	²⁸ PBSD 13,899'	²⁹ Perforations 11,436-11,568'	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set C-103 attached	³⁴ Sacks Cement		
		* request test allowable			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method SWAB

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed name:
DENISE PINKERTON
Title:
REGULATORY SPECIALIST

E-mail Address:
LEAKEJD@CHEVRON.COM

Date:
9-13-2006
Phone:
432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title:

Approval Date:

OC DISTRICT SUPERVISOR/GENERAL MANAGER
OCT 20 2006

Grid- 241333

Raptor West 3 State #1 Wellbore Diagram

Created: 08/17/06 By: C. A. Irlie
 Updated: By:
 Lease: Raptor West 3 State
 Field: La Rica East
 Surf. Loc.: 1,650' FSL & 1,650' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status:

Well #: 1 Fd./St. #:
 API 30-025-36680
 Surface Tshp/Rng: S-19 & E-34
 Unit Ltr.: J Section: 3
 Bottom hole Tshp/Rng:
 Unit Ltr.: Section:
 Directions: Carlsbad, NM
 Chevno: HP3518

Surface Casing

Size: 13 3/8
 Wt., Grd.: 48#
 Depth: 533
 Sxs Cmt: 435
 Circulate: Yes, 86sx
 TOC: Surface
 Hole Size: 17 1/2

Intermediate Casing

Size: 9 5/8
 Wt., Grd.: 40#*
 Depth: 5,008
 Sxs Cmt: 2,565
 Circulate: Yes, 115sx
 TOC: Surface
 Hole Size: 12 1/4
 *N-80, J-55 to 2,844'

Production Casing

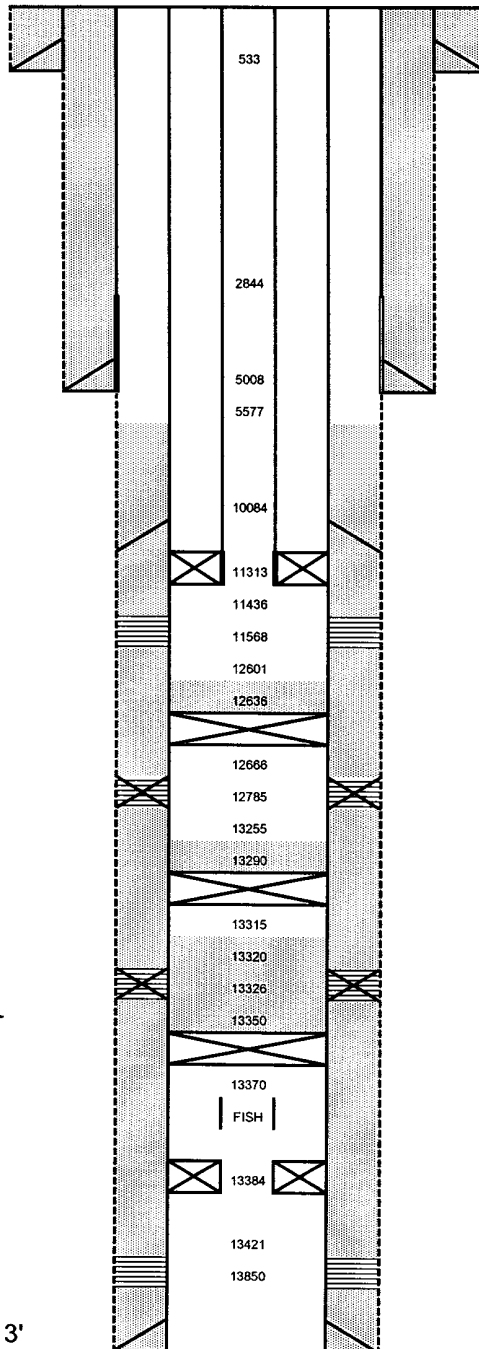
Size: 5 1/2
 Wt., Grd.: 20# P-110
 Depth: 13,920
 Sxs Cmt: 2,500
 Circulate: Yes, DV
 TOC: 5,577 TOC
 Hole Size: 8 3/4
 DV Tool: 10,084
 *1,200 sx BH to DV

Perforations

11436-442, 488-494, 520-524, 532-536, 553-554, 561-568, 12666-785
 13320-326, 13421, 423, 470, 614, 615, 622, 623, 631, 650, 652, 654, 656, 658, 850

Tubing Detail

2 3/8" 4.7# L-80
 On/Off Tool
 1.875" F Profile Nipple
 Baker 5.5" 10K Hornet Pkr @ 11,313'
 8' 2 3/8" L-80 Tailpipe Sub
 Profile Nipple w/1.81" F Nipple



PBTD: 13,899
 TD: 13,920

KB:
 DF:
 GL: 3,992
 Ini. Spud: 06/03/04
 Ini. Comp.: 09/04/04

History

8/13/04 Ini Comp: Perf 13421, 423, 470, 614, 615, 622, 623, 631, 650, 652, 654, 656, 658, 850, frac 60000 gls 65Q CO2 60000# 20/40, perf 13320-326, tested wet, sqz 13320-326 100 sx.
 9/28/04 PB Attempt: RBP 13200, snd, perf Atoka 12666-785, attempt acid 3000 gls 7.5% NEFE, pres 10000#, F plug still in PN & RBP peices, new pkr but hi pres, flowing water, kill w/heavy fluid, pkr not test, cmt ret 12600, sqz 200 sx, tag 12596, dri 12780, test good, swab, well flowing, kill, cmt ret 12500, sqz 250 sx, tag 12496, dri 12685, fell 12852 no tag, test bad, cmt ret 12550, sqz 232 sx in form 32 sx in csg, dri 12788, test good, tag 13172, CO 12180, inner mandrel of RBP in bialer, slip housing in hole, fish all but bottom half of Baker RBP, push fish to 13370, pkr 13355, swab.
 3/1,10-22/05 Swab: DIFLs ~6500, rec ~40 bpd, DFFLs ~10000.
 10/3/05 Comp Wolfcamp: Gage 13365, CIBP 13350 cmt 35', CIBP 13290 cmt 35', CIBP 12636 cmt 35', perf 11436-442, 488-494, 520-524, 532-536, 553-554, 561-568, breakdown 10 bbl clear acid, swab, acid 5000 gls 15% NEFE 45 7/8" RCNB, swab 354 bbl (173 OL), pressure bomb in 1.875 F PN on pkr 11313, shut in for review.
 8/23/06 Swab: 8 days, final ~20 bfpd.

Geology - Tops

Yates 3,520
 Seven Rivers 4,000
 Bone Springs 8,085
 Wolfcamp 10,830
 Strawn 12,335
 Atoka 12,600
 Morrow 12,940