

**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 Road, Aztec, NM 87410  
 Phone: (505) 334-6178 Fax: (505) 334-6170  
**District IV**  
 1220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
 Revised November 14, 2012

**RECEIVED**  
**FEB 06 2013**  
**NMOCD ARTESIA**

Energy Minerals and Natural Resources  
 Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

AMENDED REPORT

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

1. Operator Name and Address CHEVRON MIDCONTINENT, L.P. 15 SMITH ROAD MIDLAND, TEXAS 79705		2. OGRID Number 241333
		3. API Number 30-015-34066
4. Property Code <b>302775</b>	5. Property Name MEAD	6. Well No. 7

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	8	22-S	27-E		1080	NORTH	1980	EAST	EDDY

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

<b>EAST</b> CARLSBAD; WOLFCAMP, SOUTH GAS	Pool Name	Pool Code <b>74160</b> <del>74200</del>
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**Additional Well Information**

11. Work Type <b>RECOMPLETE</b>	12. Well Type GAS	13. Cable/Rotary	14. Lease Type PRIVATE	15. Ground Level Elevation 3106' GL
16. Multiple	17. Proposed Depth	18. Formation WOLFCAMP	19. Contractor	20. Spud Date
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
			NO CHANGE			

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer

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 I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: <i>Denise Pinkerton</i> Printed name: DENISE PINKERTON Title: REGULATORY SPECIALIST E-mail Address: leajejd@chevron.com Date: 02-05-2013	OIL CONSERVATION DIVISION	
	Approved By: <i>B. C. Shepard</i>	
	Title: <i>Geologist</i>	
	Approved Date: <i>2/7/2013</i>	Expiration Date: <i>2/7/2015</i>
	Conditions of Approval Attached	

**11/8/2012**  
**Mead #7**  
**Wolfcamp Re-completion**

- 1 MIRU pulling unit. Bleed pressure from surface, intermediate, and production casing. If necessary, pump down production csg with brine water to kill well. ND WH. NU 5K hydraulic BOP Pipe rams on top of blind rams. Pull one stand of tbg install pkr GIH set pkr @ ~55' and test BOP to 250/500 psi against packer
- 2 POOH and stand back 2-7/8" 6.5# L-80 production tbg. (Prod tbg was scanned OCT 2012 and all but yellow band LD)
- 3 PU/TIH w/ RBP retrieving tool on 11,200' 2-7/8" PH-6 tbg utilize slip type elevators. Latch RBP @ 11,200'. POOH w/ tbg & LD RBP + retrieving tool.
- 4 RU Gray wireline. Test lubricator on catwalk to 1000 psi. NU Lubricator. PU guage ring for 4-1/2" 13.5# csg. RIH to 11,100'. POOH
- 5 PU/RIH w/ 4-1/2" CIBP and set @ 11,100'. Dump bail 35' of class 'H' cmt on top of CIBP. POOH
- 6 PU/RIH w/ 4-1/2" CIBP and set @ 10,300'. Dump bail 35' of class 'H' cmt on top of CIBP. POOH
- 7 PU/RIH w/ 4-1/2" CIBP and set @ 10,050'. Dump bail 35' of class 'H' cmt on top of CIBP. POOH
- 8 PU/RIH w/ perforating guns. Perforate csg @ (9,394-9,440') (9,626-40') w/ 3-1/8" standard charge guns @ 3 spf and 120 degree phasing, 180 total holes. POOH/LD guns (check to make sure all shots fired). ND Lubricator. RD Gray wireline (Tie-in to Neu/Den/GR Log dated 5/30/2005 by Pure Resources, L.P.)
- 9 PU/TIH w/ 28 jts 2-7/8" slim hole coupling L-80 tbg as tailpipe + 7" pkr + on/off tool on 2-7/8" 6.5# L-80 production tbg (hydrotest in the hole to 6000 psi). Set pkr @ 8,554' with 2-7/8" tailpipe run down to 9,394'
- 10 Load BS w/ BW, set pop-off to 500 psi. Acidize perms w/ 15,000 gal 15% NEFE HCL @ 15 bpm (6,000 max psi). Drop 240 bio-balls in 80 ball clusters, every 5,000 gals, during the first 10,000 gals of the job. Flush to bottom perf w/ brine water
- 16 Release pkr. Lower pkr + tbg down and reset at 8,600' (EOT should be at ~9,440')
- 17 RIH and set profile plug in pkr. Unlatch from pkr. Circ pkr fluid. Latch back onto pkr. ND BOP. NU WH
- 18 Pull profile plug. RU & swab well to recover load and kick well off to flow.
- 19 RDMO. Turn well over to operations

### Mead #7 Wellbore Diagram

Created: 11/15/12 By: JWPF  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: Mead  
 Field: Carlsbad South - Morrow  
 Surf. Loc.: 1,080' FNL & 1,980' FEL  
 Bot. Loc.: 1,156' FNL & 1,855' FEL  
 County: Eddy St.: NM  
 Status: Active Gas Well

Well #: 7 Fd./St. #: Fed 33471  
 API: 30-015-34066  
 Unit Ltr.: B Section: 8  
 TSHP/Rng: S-22 E-27  
 Unit Ltr.: B Section: 8  
 TSHP/Rng: S-22 E-27  
 Directions: Carlsbad, NM  
 Chevno: HT4615

**Surface Casing (Not Shown)**

Size: 13 3/8  
 Wt., Grd.: 48# H-40  
 Depth: 435  
 Sxs Cmt: 475  
 Circulate: Yes, 60  
 TOC: Surface  
 Hole Size: 17 1/2

**Intermediate Casing**

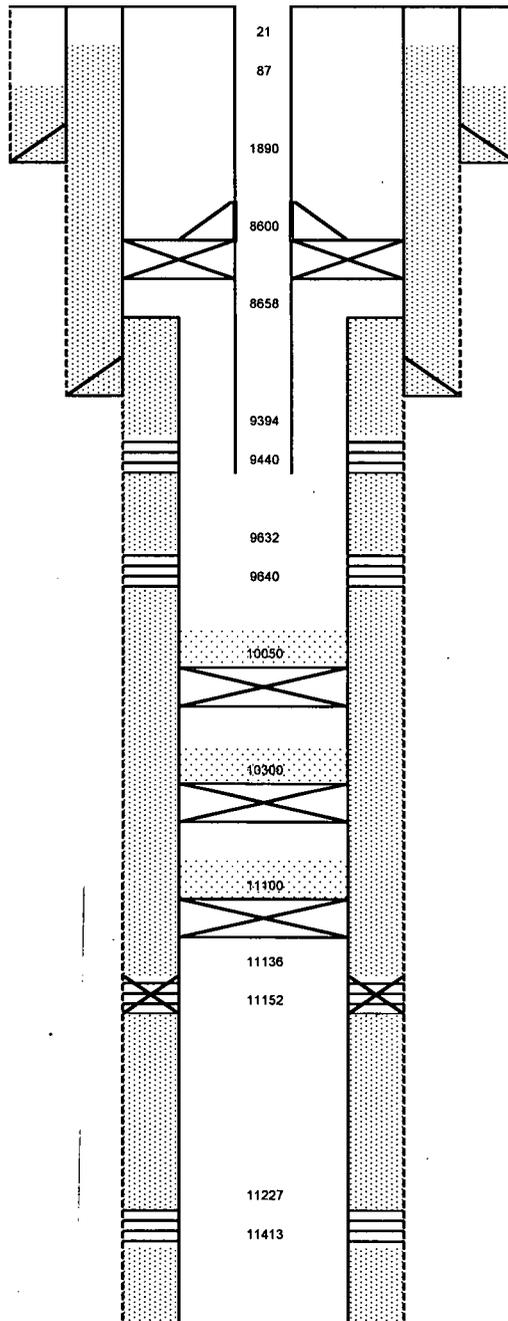
Size: 9 5/8  
 Wt., Grd.: 36# J-55  
 Depth: 1,890  
 Sxs Cmt: 850  
 Circulate: No  
 TOC: 87' TS  
 Hole Size: \_\_\_\_\_

**Production Casing**

Size: 7"  
 Wt., Grd.: 26# P-110  
 Depth: 8,900  
 Sxs Cmt: 825  
 Circulate: Colored Water  
 TOC: 21' TS  
 Hole Size: \_\_\_\_\_

**Production Liner**

Size: 4 1/2  
 Wt., Grd.: 13.5# P-110  
 Top: 8,658  
 Depth: 11,770  
 Sxs Cmt: 225  
 Circulate: Yes, 10

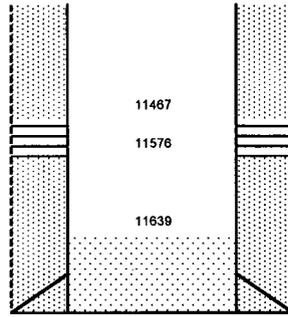


KB: 3,131  
 DF: \_\_\_\_\_  
 GL: 3,106  
 Ini. Spud: 05/15/05  
 Ini. Comp.: 06/30/05

**Geology - Tops From Drilling**

Delaware 1,987  
 Bone Spring 5,116  
 Wolfcamp 8,603  
 Strawn 10,087

TOC: TOL  
Hole Size: 6 1/2



Atoka 10,328  
Morrow 11,021

PBTD: 11,445  
TD: 11,770

### Mead #7 Wellbore Diagram

Created: 12/18/06 By: C. A. Irle  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: Mead  
 Field: Carlsbad South - Morrow  
 Surf. Loc.: 1,080' FNL & 1,980' FEL  
 Bot. Loc.: 1,156' FNL & 1,855' FEL  
 County: Eddy St.: NM  
 Status: Active Gas Well

Well #: 7 Fd./St. #: Fed 33471  
 API: 30-015-34066  
 Unit Ltr.: B Section: 8  
 TSHP/Rng: S-22 E-27  
 Unit Ltr.: B Section: 8  
 TSHP/Rng: S-22 E-27  
 Directions: Carlsbad, NM  
 Chevno: HT4615

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 Depth: 435  
 Sxs Cmt: 475  
 Circulate: Yes, 60  
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 Hole Size: 17 1/2

**Intermediate Casing**

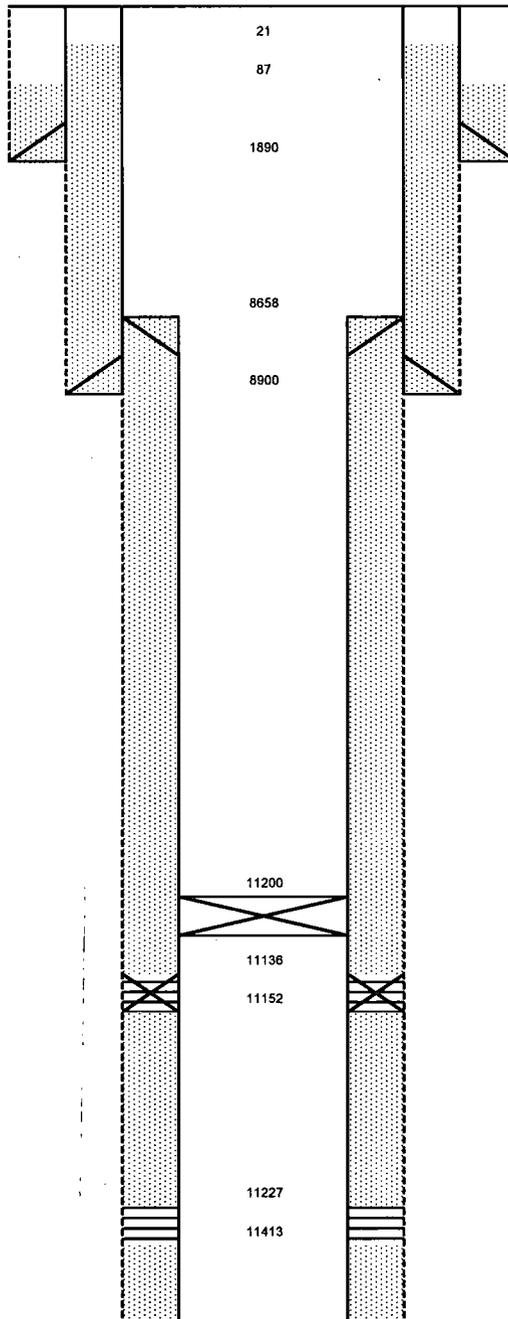
Size: 9 5/8  
 Wt., Grd.: 36# J-55  
 Depth: 1,890  
 Sxs Cmt: 850  
 Circulate: No  
 TOC: 87' TS  
 Hole Size: \_\_\_\_\_

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Size: 7"  
 Wt., Grd.: 26# P-110  
 Depth: 8,900  
 Sxs Cmt: 825  
 Circulate: Colored Water  
 TOC: 21' TS  
 Hole Size: \_\_\_\_\_

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 Wt., Grd.: 13.5# P-110  
 Top: 8,658  
 Depth: 11,770  
 Sxs Cmt: 225  
 Circulate: Yes, 10



KB: 3,131  
 DF: \_\_\_\_\_  
 GL: 3,106  
 Ini. Spud: 05/15/05  
 Ini. Comp.: 06/30/05

*History*

**6/30/05 Ini Comp:** Tag 11564, DO 11718, perf Morrow C 2 spf 11467, 470, 486, 488, 490, 498, 523, 526, 534, 538, 552, 556, 571, 576 (28 hls), 55000 gls 70Q foam 55000# 20/40 drc, flo thru CBP 11445, perf Morrow B 2 spf 11227, 237, 249, 284, 287, 300, 302, 316, 319, 370, 376, 378, 387, 408, 413 (30 hls), frac 55000 gls 70Q foam 55000# 20/40 drc, flo thru CBP 11181, perf Morrow A 2 spf 11136-152 (48 hls), frac 35000 gls 70Q foam 35000# 20/40 drc, flow, CT mill both CBP's, CO 11677, tag 11665, pkr 11030, tbg latch pkr, blow PO plg, swab, flow.  
**8/30/05 Wtr Flow:** Rel pkr, CIBP 11200, cmt ret 11000, sqz 226 sx, tag 10990, DO cmt & CIBP, fall 11639, perf Morrow B & C 2 spf 11284, 287, 300, 302, 316, 319, 370, 376, 378, 387, 408, 413, 467, 470, 486, 488, 490, 498, 523, 526, 534, 538, 552, 556, 574, 576 (52 hls), pkr 11030, swab, acid 3400 gls 150 BS, swab.

*Geology - Tops From Drilling*

Delaware 1,987  
 Bone Spring 5,116  
 Wolfcamp 8,603  
 Strawn 10,087



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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 August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-34066	<sup>2</sup> Pool Code 74200	<sup>3</sup> Pool Name CARLSBAD; WOLFCAMP, SOUTH GAS
<sup>4</sup> Property Code 302775	<sup>5</sup> Property Name MEAD	<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 241333	<sup>8</sup> Operator Name CHEVRON MIDCONTINENT, L.P.	<sup>9</sup> Elevation 3106'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	22-S	27-E		1080	NORTH	1980	EAST	EDDY

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup> 	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></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>Signature: <i>Denise Pinkerton</i> Date: 02-05-2013</p> <p>Printed Name: DENISE PINKERTON REGULATORY SPECIALIST</p> <p>E-mail Address: leakejd@chevron.com</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></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>