

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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 187848

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

1. Operator Name and Address MEMORIAL PRODUCTION OPERATING, LLC 1301 McKinney Suite 2100 Houston, TX 77010		2. OGRID Number 303900
		3. API Number 30-015-42445
4. Property Code 312877	5. Property Name Chad	6. Well No. 006

**7. Surface Location**

UL - Lot P	Section 26	Township 18S	Range 26E	Lot Idn	Feet From 990	N/S Line S	Feet From 990	E/W Line E	County Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot P	Section 26	Township 18S	Range 26E	Lot Idn P	Feet From 990	N/S Line S	Feet From 990	E/W Line E	County Eddy
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**9. Pool Information**

ATOKA;GLORIETA-YESO	3250
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3292
16. Multiple N	17. Proposed Depth 4000	18. Formation Yeso	19. Contractor	20. Spud Date 8/31/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	900	550	0
Prod	7.875	5.5	15.5	4000	675	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	2000	Shaffer
Annular	3000	1500	Shaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify 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: Printed Name: Electronically filed by Linda Johnston Title: Agent Email Address: stateoilreports@satx.rr.com Date: 6/17/2014	<b>OIL CONSERVATION DIVISION</b>  Approved By: Randy Dade Title: District Supervisor Approved Date: 6/18/2014 Expiration Date: 6/18/2016 Conditions of Approval Attached
Phone: 830-964-5963	

625 N. French Dr., Hobbs, NM 88240  
 Phone: (575) 393-6161 Fax: (575) 393-0720  
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**District III**  
 000 Rio Brazos Road, Aztec, NM 87410  
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**District IV**  
 220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3460 Fax: (505) 476-3462

**Energy, Minerals & Natural Resources Department**  
**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

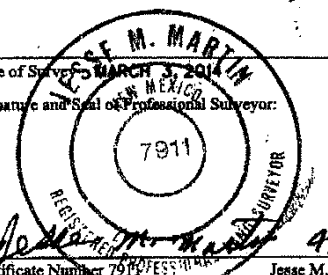
<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>CHAD</b>	<sup>6</sup> Well Number <b>6</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>MEMORIAL PRODUCTION OPERATING, LLC</b>	<sup>9</sup> Elevation <b>3292</b>

<sup>10</sup> Surface Location									
UL or lot no. <b>P</b>	Section <b>26</b>	Township <b>18 S</b>	Range <b>26 E</b>	Lot Idn	Feet from the <b>990</b>	North/South line <b>SOUTH</b>	Feet from the <b>990</b>	East/West line <b>EAST</b>	County <b>EDDY</b>

<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	<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.

<b>SECTION 26</b>				<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
				<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Date of Survey <b>MARCH 3, 2014</b></p> <p>Signature and Seal of Professional Surveyor: </p> <p>Certificate Number <b>7911</b> Date <b>4/2/14</b></p>

GEODETIC COORDINATES  
 NAD27 NM-EAST  
 X=495859.9  
 Y=623487.7  
 LAT.=32° 42' 50.63"  
 LONG.=104° 20' 48.46"

MELAINÉ No. 2  
 ELEV. 3298

CHAD No. 6  
 ELEV. 3292

CHAD No. 1  
 ELEV. 3287

NAVAJO PIPELINE

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

Form APD Comments  
Permit 187848

**PERMIT COMMENTS**

Operator Name and Address: MEMORIAL PRODUCTION OPERATING, LLC [303900] 1301 McKinney Suite 2100 Houston, TX 77010		API Number: 30-015-42445
		Well: Chad #006

Created By	Comment	Comment Date
CSHAPARD	Land p/P	6/17/2014

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Form APD Conditions

Permit 187848

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MEMORIAL PRODUCTION OPERATING, LLC [303900] 1301 McKinney Suite 2100 Houston, TX 77010		API Number: 30-015-42445
		Well: Chad #006

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