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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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUL 17 2018  
**RECEIVED**

Form C-102  
Revised August 1, 2011  
Send one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-015-45116</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>PURPLE SAGE; WOLF CAMP (GAS)</b>
<sup>4</sup> Property Code <b>322146</b>	<sup>5</sup> Property Name <b>HH SO 8 5 FED 003</b>	<sup>6</sup> Well Number <b>2H</b>
<sup>7</sup> GRID No. <b>4323</b>	<sup>8</sup> Operator Name <b>CHEVRON U.S.A. INC.</b>	<sup>9</sup> Elevation <b>3267'</b>

**10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	26 SOUTH	27 EAST, N.M.P.M.		604'	NORTH	2308'	WEST	EDDY

**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
C	5	26 SOUTH	27 EAST, N.M.P.M.		280'	NORTH	2178'	WEST	EDDY

<sup>12</sup> Dedicated Acres <b>640</b>	<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.

<p><b>LAST TAKE POINT</b></p> <p>X= 537,132 NAD 27 Y= 392,115 LAT. 32 07 7984 LONG. 104.213450</p> <p>X= 578,315 NAD83 Y= 392,173 LAT. 32 07 8106 LONG. 104.213945</p> <p><b>MID POINT</b></p> <p>X= 537,114 NAD 27 Y= 387,134 LAT. 32 06 4291 LONG. 104.213527</p> <p>X= 578,297 NAD83 Y= 387,191 LAT. 32 06 4413 LONG. 104.214021</p> <p><b>FIRST TAKE POINT</b></p> <p>X= 537,163 NAD 27 Y= 382,136 LAT. 32 05 0551 LONG. 104.213385</p> <p>X= 578,347 NAD83 Y= 382,193 LAT. 32 05 0672 LONG. 104.213878</p>	<p><b>PROPOSED BOTTOM HOLE LOCATION</b></p> <p>X= 537,132 NAD 27 Y= 392,165 LAT. 32 07 8122 LONG. 104.213449</p> <p>X= 578,315 NAD83 Y= 392,223 LAT. 32 07 8243 LONG. 104.213944</p> <p><b>CORNER COORDINATES TABLE (NAD 27)</b></p> <p>A - Y=392442.33, X=534954.83 B - Y=392446.14, X=537606.87 C - Y=387143.09, X=534935.35 D - Y=387132.57, X=537574.14 E - Y=381810.94, X=534988.20 F - Y=381805.09, X=537646.07 G - Y=376480.27, X=535066.16 H - Y=376477.58, X=537710.13</p> <p><b>HH SO 8 5 FED 003 2H WELL</b></p> <p>X= 537,306 NAD 27 Y= 381,202 LAT. 32 04 7981 LONG. 104.212927</p> <p>X= 578,489 NAD83 Y= 381,259 LAT. 32 04 9103 LONG. 104.213421</p> <p>ELEVATION -3267' NAVD 88</p>		<p><b>17 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, under hereby being entered by the division.</p> <p><i>[Signature]</i> 6-27-17 Date</p> <p><i>[Signature]</i> Printed Name</p> <p><i>[Signature]</i> E-mail Address</p> <p><b>18 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>4-6-2017 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>23006 Certificate Number</p>
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RW 7-17-18



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Drilling Plan Data Report

07/16/2018

APD ID: 10400014947

Submission Date: 07/12/2017

Highlighted data  
reflects the most  
recent changes

Operator Name: CHEVRON USA INCORPORATED

Well Name: HH SO 8 5 FED 003

Well Number: 2H

Show Final Text

Well Type: CONVENTIONAL GAS WELL

Well Work Type: Drill

### Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	CASTILE	-3626	505	505	LIMESTONE, ANHYDRITE, GYPSUM	NONE	No
2	BELL CANYON	-5936	2310	2310	SANDSTONE	NONE	No
3	LAMAR	-6021	2395	2395	LIMESTONE	NONE	No
4	CHERRY CANYON	-6834	3208	3208	SANDSTONE	NONE	No
5	BRUSHY CANYON	-8076	4450	4450	SANDSTONE	NONE	No
6	BONE SPRING	-9925	6299	6299	LIMESTONE	NONE	No
7	BONE SPRING 1ST	-10514	6888	6888	SANDSTONE	NONE	No
8	BONE SPRING 1ST	-10540	6914	6914	SHALE	NONE	No
9	BONE SPRING 2ND	-11247	7621	7621	SANDSTONE	NONE	No
10	BONE SPRING 3RD	-12243	8617	8617	LIMESTONE	NONE	No
11	WOLFCAMP	-12826	9200	9200	MUDSTONE	NATURAL GAS, OIL	Yes

### Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 9200

**Equipment:** will have a minimum of 5000 PSI rig stack for drill out below surface casing. Stack will be tested as specified in the attached requirements.

**Requesting Variance?** YES

**Variance request:** Chevron requests a variance to use a CoFlex hose with a metal protective covering that will be utilized between the BOP and Choke manifold. Chevron would also like to request another variance to use a FMC technologies conventional wellhead which will be run through the rig floor on surface casing. BOPE will be nipped up and tested after cementing surface casing. Subsequent tests will be performed as needed, not to exceed 30 days.

**Testing Procedure:** Test BOP from 250 PSI to 5000 PSI in Ram and 250 PSI to 3500 PSI in Annular.