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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

UL 17 2018
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Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45119		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLF CAMP (GAS)
⁴ Property Code 322146	⁵ Property Name HII SO 8 5 FED 003		⁶ Well Number 511
⁷ GRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.		⁹ Elevation 3265'

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.		529'	NORTH	2310'	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	2010'	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640			

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.

LAST TAKE POINT X= 535,964 NAD 27 Y= 392,115 LAT. 32.077984 LONG. 104.213993 X= 578,147 NAD83 Y= 392,172 LAT. 32.078106 LONG. 104.214487 MID POINT X= 535,946 NAD 27 Y= 387,135 LAT. 32.064294 LONG. 104.214069 X= 578,129 NAD83 Y= 387,192 LAT. 32.064415 LONG. 104.214563 FIRST TAKE POINT X= 535,995 NAD 27 Y= 382,137 LAT. 32.050552 LONG. 104.213927 X= 578,179 NAD83 Y= 382,193 LAT. 32.050674 LONG. 104.214421		PROPOSED BOTTOM HOLE LOCATION X= 535,964 NAD 27 Y= 392,165 LAT. 32.078122 LONG. 104.213992 X= 578,147 NAD83 Y= 392,222 LAT. 32.078243 LONG. 104.214486	CORNER COORDINATES TABLE (NAD 27) A - Y=392442.33, X=534954.83 B - Y=392446.14, X=537606.87 C - Y=387143.09, X=534935.36 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	HII SO 8 5 FED 003 5H WELL X= 537,305 NAD 27 Y= 381,277 LAT. 32.049187 LONG. 104.212927 X= 578,490 NAD83 Y= 381,334 LAT. 32.048309 LONG. 104.213420 ELEVATION +3265' NAVD 88	17 OPERATOR CERTIFICATION 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 undivided 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 as provided for by the division. <i>[Signature]</i> 6-27-17 Date <i>[Signature]</i> Printed Name <i>[Signature]</i> E-mail Address	18 SURVEYOR CERTIFICATION 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. 4-6-2017 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor 23006 Certificate Number
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Ref: 7-17-18



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

Drilling Plan Data Report

07/13/2018

APD ID: 10400014950

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: 5H

[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	-12710	9084	9084	MUDSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 10016

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.