

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

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

JUL 17 2018

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

☐ AMENDED REPORT

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
111 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Artec, NM 87410
Phone (505) 134-6178 Fax (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45117		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
⁴ Property Code 322146		⁵ Property Name HII SO 8 5 FED 003			⁶ Well Number 3H
⁷ OGRID No. 4323		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3266'

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.		579'	NORTH	2309'	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	2430'	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

16 LAST TAKE POINT X= 537,384 NAD 27 Y= 392,116 LAT. 32.077985 LONG. 104.212637 X= 578,567 NAD83 Y= 392,173 LAT. 32.078106 LONG. 104.213131 MID POINT X= 537,366 NAD 27 Y= 387,133 LAT. 32.064288 LONG. 104.212713 X= 578,549 NAD83 Y= 387,190 LAT. 32.064409 LONG. 104.213207 FIRST TAKE POINT X= 537,415 NAD 27 Y= 382,135 LAT. 32.050548 LONG. 104.212571 X= 578,599 NAD83 Y= 382,192 LAT. 32.050670 LONG. 104.213065		PROPOSED BOTTOM HOLE LOCATION X= 537,384 NAD 27 Y= 392,166 LAT. 32.078122 LONG. 104.212636 X= 578,567 NAD83 Y= 392,223 LAT. 32.078243 LONG. 104.213130		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		HH SO 8 5 FED 003 3H WELL X= 537,306 NAD 27 Y= 381,227 LAT. 32.048050 LONG. 104.212927 X= 578,490 NAD83 Y= 381,284 LAT. 32.048172 LONG. 104.213421 ELEVATION +3266' 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 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. Signature: <i>[Signature]</i> Date: 6-27-17 Printed Name: JOHANN K. FUENTES E-mail Address: djivo@chevron.com		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. Date of Survey: 4-6-2017 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: 23006	
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RNP 7-17-18



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

Drilling Plan Data Report

07/16/2018

APD ID: 10400014949

Submission Date: 07/12/2017

Operator Name: CHEVRON USA INCORPORATED

Highlighted data
reflects the most
recent changes

Well Name: HH SO 8 5 FED 003

Well Number: 3H

[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: 9709

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.