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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
JUL 11 2018
AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45102		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
⁴ Property Code 321649		⁵ Property Name HH SO 17 20 FED 001			⁶ Well Number 5H
⁷ OGRID No. 4323		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3258'

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
N	8	26 SOUTH	27 EAST, N.M.P.M.		230'	SOUTH	1872'	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
M	20	26 SOUTH	27 EAST, N.M.P.M.		280'	SOUTH	1170'	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.

PROPOSED FIRST TAKE POINT	
X=	536,163 NAD 27
Y=	381,478
LAT	32.048745
LONG.	104.216614
X=	577,347 NAD83
Y=	381,535
LAT	32.048867
LONG.	104.217108
PROPOSED MID POINT	
X=	536,236 NAD 27
Y=	376,479
LAT.	32.036002
LONG.	104.216396
X=	577,420 NAD83
Y=	376,536
LAT	32.035124
LONG.	104.216890
PROPOSED LAST TAKE POINT	
X=	536,252 NAD 27
Y=	371,479
LAT	32.021257
LONG.	104.216364
X=	577,435 NAD83
Y=	371,536
LAT	32.021379
LONG.	104.216857

HH SO 17 20 FED 001 NO. 5H WELL	
X=	536,858 NAD 27
Y=	382,037
LAT.	32.050278
LONG.	104.214369
X=	578,042 NAD83
Y=	382,094
LAT	32.050400
LONG.	104.214853
ELEVATION - 3258' NAVD 88	

CORNER COORDINATES TABLE (NAD 27)

A	Y=387143.09	X=534935.36
B	Y=381810.94	X=534988.20
C	Y=381799.23	X=540303.95
D	Y=376480.27	X=535086.16
E	Y=376474.90	X=540354.10
F	Y=371149.70	X=535082.62
G	Y=371148.59	X=540391.30

PROPOSED BOTTOM-HOLE LOCATION	
X=	536,252 NAD 27
Y=	371,429
LAT	32.021120
LONG.	104.216363
X=	577,436 NAD83
Y=	371,486
LAT	32.021242
LONG	104.216857

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] 8-9-17
Date

[Signature]
Printed Name:

dliv@chevron.com
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.

9-28-2016
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

23006
Certificate Number

RWP 7-12-18



APD ID: 10400019869

Submission Date: 08/17/2017

Highlighted data
reflects the most
recent changes

Operator Name: CHEVRON USA INCORPORATED

Well Name: HH SO 17 20 FED 001

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	1316	2310	2310	SANDSTONE	NONE	No
3	LAMAR LS	1231	2395	2395	LIMESTONE	NONE	No
4	CHERRY CANYON	418	3208	3208	SANDSTONE	NONE	No
5	BRUSHY CANYON	-824	4450	4450	SANDSTONE	NONE	No
6	BONE SPRING	-2673	6299	6299	LIMESTONE	NONE	No
7	BONE SPRING 1ST	-3262	6888	6888	SANDSTONE	NONE	No
8	BONE SPRING 1ST	-3288	6914	6914	SHALE, SANDSTONE	NONE	No
9	2ND BONE SPRING CARB	-3995	7621	7621	SANDSTONE	NONE	No
10	3RD BONE SPRING CARB	-4991	8617	8617	LIMESTONE	NONE	No
11	WOLFCAMP	-6083	9709	9709	MUDSTONE	NATURAL GAS, OIL	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 10029

Equipment: Will have a minimum of 5000 PSI rig stack for drill out below surface casing. Stack will be treated 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 and Chevron would also like to request another variance to use a FMC technologies conventional well head 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