

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM119754

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
CB SE 5 32 FED COM 12H9. API Well No.
30-015-44638-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Spud Dt: 3/16/2018-Notified Mandel Canal @ BLM on 3/12/18 of intent to spud.
Drill 17.5" surface hole to 466'. Notified Gabriel @ BLM of intent to run and cement surface casing.

GC 9-10-18
Accepted for record - NMOC

3/17/2018- Run 13-3/8" 54.5#, J-55 casing to 422'; float collar @ 380', float shoe @ 422'. Cement in place w class C, 485 sacks, Yld:1.36 sacks, Dens: 14.80#/gal, 99 bbls cement to surface, WOC per BLM time requirement.

RECEIVED

4/17/18-4/24/18- Test surface casing 1,915 PSI for 30 min, test good. Drill 12-1/4" intermediate hole to 6,740'. Notified BLM (18:25 hrs) of intent to run and cement intermediate casing.

SEP 07 2018

4/26/18-4/27/18-Run 9 5/8" 43.5# L-80 LTC casing to 6,725', DV Tool @ 2,778', float collar @

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #433074 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMS for processing by PRISCILLA PEREZ on 08/30/2018 (18PP2558SE)

Name (Printed/Typed) LAURA BECERRA

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 08/28/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

SEP 04 2018

/s/ Jonathon Shepard

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to provide false information to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #433074 that would not fit on the form

32. Additional remarks, continued

6,640', float shoe @ 6,725'. Cement casing in place w Lead: CL C, 1,678 sacks, Yld: 2.57/sack, Dens: 11.90#/gal and Tail: CL C, 730 sacks, Yld: 1.33/sack, Dens: 14.80#/gal, 117 bbls to surface, WOC per BLM time requirement.

4/28/18-5/2/18- Test casing to 4,431 PSI for 30 min, good test. Drill 8-1/2" hole to 9,444'. Notified Bobby @ BLM (14:00 hrs) of intent to run and cement liner.

5/3/18- Run 7 5/8", 29.70# P-110 TSH513 liner to 9,439'; float collar @ 9,394', float shoe @ 9,439'. Cement in place, Lead w/class H 250 sacks, Yld: 1.20/sack, Dens: 15.60#/gal, WOC per BLM time requirement.

7/9/2018-7/28/18- Test 7-5/8" casing to 2,499 PSI for 30 minutes, good test. Drill 6-3/4" production hole to 20,161' (TD).

7/29/18- Notified BLM of intent to run and cement production casing.

7/30/18- Run 5" 18.00# P-110 TSH521 to 20,129'; float collar @ 20,084', float shoe @ 20,129'. Cement with: Lead w/CL C 1,670 sacks, Yld: 1.84/sack, Dens: 13.20#/gal and Tail: CL H 68 sacks, Yld: 2.16/sack, Dens: 15.00#/gal. Full returns to surface. WOC per BLM time requirement.

8/2/18 ? Release rig

*Actual directional survey attached.



Actual Wellpath Report

CB SE 5 32 FED Com 012H _awp

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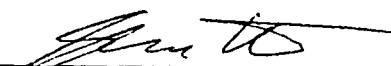
REFERENCE WELLPATH IDENTIFICATION			
Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

REPORT SETUP INFORMATION			
Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 5.1
North Reference	Grid	User	Gilbjosl
Scale	0.999921	Report Generated	13-Aug-18 at 10:45:58 AM
Convergence at slot	0.18° East	Database/Source file	WA_HOU_Midland_Defn/CB_SE_5_32_FED_Com_012H_awp.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	25.00	602537.00	451334.00	32°14'25.436"N	104°00'06.105"W
Facility Reference Pt			602512.00	451334.00	32°14'25.437"N	104°00'06.396"W
Field Reference Pt			152400.30	0.00	30°59'42.846"N	105°26'33.659"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Patterson 257 (KB) to Facility Vertical Datum	3056.00ft
Horizontal Reference Pt	Slot	Patterson 257 (KB) to Mean Sea Level	3056.00ft
Vertical Reference Pt	Patterson 257 (KB)	Patterson 257 (KB) to Ground Level at Slot (CB SE 5 32 FED Com 012H)	28.00ft
MD Reference Pt	Patterson 257 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.23°

We hereby certify that the surveys contained herein, are to the best of our knowledge a true and accurate account of the well.


MWD COORDINATOR



Actual Wellpath Report

CB SE 5 32 FED Com 012H _awp

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Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations) † = Interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	142.410	0.00	0.00	0.00	0.00	602537.00	451334.00	32°14'25.436"N	104°00'06.105"W	0.00	
28.00	0.000	142.410	28.00	0.00	0.00	0.00	602537.00	451334.00	32°14'25.436"N	104°00'06.105"W	0.00	
158.00	0.920	142.410	157.99	-0.84	-0.83	0.64	602537.64	451333.17	32°14'25.428"N	104°00'06.097"W	0.71	
343.00	3.440	117.990	342.85	-4.70	-4.61	6.44	602543.44	451329.39	32°14'25.391"N	104°00'06.030"W	1.42	
432.00	3.580	131.540	431.68	-7.85	-7.71	10.88	602547.88	451326.30	32°14'25.360"N	104°00'05.978"W	0.94	17 1/2" Surface (28') 158' to 432'
514.00	4.560	159.500	513.48	-12.64	-12.46	13.94	602550.94	451321.54	32°14'25.313"N	104°00'05.943"W	2.66	
603.00	5.530	171.540	602.14	-20.22	-20.01	15.81	602552.81	451313.99	32°14'25.238"N	104°00'05.921"W	1.61	
695.00	6.290	178.450	693.65	-29.66	-29.44	16.60	602553.60	451304.57	32°14'25.145"N	104°00'05.913"W	1.13	
786.00	6.360	178.370	784.10	-39.68	-39.46	16.88	602553.88	451294.55	32°14'25.045"N	104°00'05.910"W	0.08	
879.00	6.620	180.460	876.50	-50.19	-49.97	16.98	602553.98	451284.04	32°14'24.941"N	104°00'05.909"W	0.38	
973.00	6.640	182.290	969.87	-61.03	-60.81	16.72	602553.72	451273.19	32°14'24.834"N	104°00'05.912"W	0.23	
1069.00	6.270	183.190	1065.26	-71.81	-71.59	16.21	602553.21	451262.41	32°14'24.727"N	104°00'05.919"W	0.40	
1164.00	5.540	180.810	1159.76	-81.57	-81.36	15.85	602552.85	451252.65	32°14'24.631"N	104°00'05.923"W	0.81	
1260.00	6.250	164.430	1255.26	-91.25	-91.03	17.19	602554.19	451242.98	32°14'24.535"N	104°00'05.908"W	1.89	
1355.00	7.310	176.110	1349.60	-102.29	-102.04	18.99	602555.99	451231.97	32°14'24.426"N	104°00'05.887"W	1.83	
1451.00	7.110	184.020	1444.84	-114.31	-114.06	18.99	602555.98	451219.95	32°14'24.307"N	104°00'05.888"W	1.05	
1546.00	6.710	186.530	1539.15	-125.67	-125.44	17.94	602554.94	451208.57	32°14'24.195"N	104°00'05.900"W	0.53	
1642.00	6.700	182.720	1634.49	-136.82	-136.61	17.04	602554.04	451197.41	32°14'24.084"N	104°00'05.911"W	0.46	
1738.00	6.660	180.890	1729.84	-147.98	-147.77	16.69	602553.69	451186.25	32°14'23.974"N	104°00'05.916"W	0.23	
1833.00	6.260	180.700	1824.24	-158.66	-158.45	16.54	602553.54	451175.56	32°14'23.868"N	104°00'05.918"W	0.42	
1929.00	6.890	183.510	1919.61	-169.64	-169.43	16.12	602553.12	451164.58	32°14'23.759"N	104°00'05.923"W	0.74	
2025.00	7.780	181.620	2014.82	-181.87	-181.68	15.59	602552.58	451152.34	32°14'23.638"N	104°00'05.930"W	0.96	
2120.00	8.120	174.830	2108.91	-194.98	-194.79	16.01	602553.01	451139.23	32°14'23.508"N	104°00'05.925"W	1.05	
2216.00	8.070	172.340	2203.95	-208.43	-208.22	17.52	602554.52	451125.80	32°14'23.376"N	104°00'05.908"W	0.37	
2312.00	7.540	171.510	2299.06	-221.37	-221.13	19.35	602556.34	451112.89	32°14'23.248"N	104°00'05.888"W	0.56	
2407.00	7.210	160.910	2393.28	-233.20	-232.92	22.22	602559.21	451101.09	32°14'23.131"N	104°00'05.855"W	1.47	
2503.00	6.840	159.840	2488.56	-244.31	-243.98	26.16	602563.15	451090.04	32°14'23.021"N	104°00'05.809"W	0.41	
2599.00	7.250	168.210	2583.84	-255.65	-255.28	29.36	602566.36	451078.74	32°14'22.909"N	104°00'05.772"W	1.15	
2694.00	6.940	181.230	2678.12	-267.27	-266.89	30.47	602567.46	451067.13	32°14'22.795"N	104°00'05.760"W	1.72	
2790.00	4.950	186.120	2773.60	-277.18	-276.80	29.90	602566.90	451057.22	32°14'22.696"N	104°00'05.767"W	2.14	



Actual Wellpath Report

CB SE 5 32 FED Com 012H _awp

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Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2886.00	3.330	188.750	2869.34	-284.04	-283.68	29.03	602566.03	451050.34	32°14'22.628"N	104°00'05.777"W	1.70	
2981.00	2.830	192.360	2964.21	-289.05	-288.70	28.11	602565.11	451045.33	32°14'22.579"N	104°00'05.788"W	0.56	
3077.00	2.840	197.470	3060.09	-293.62	-293.28	26.89	602563.89	451040.74	32°14'22.534"N	104°00'05.802"W	0.26	
3172.00	1.260	191.620	3155.02	-296.87	-296.55	25.97	602562.97	451037.48	32°14'22.501"N	104°00'05.813"W	1.68	
3268.00	0.700	181.390	3251.01	-298.49	-298.17	25.75	602562.75	451035.86	32°14'22.485"N	104°00'05.816"W	0.61	
3363.00	0.960	182.610	3346.00	-299.86	-299.54	25.70	602562.69	451034.48	32°14'22.472"N	104°00'05.816"W	0.27	
3459.00	0.620	185.640	3441.99	-301.18	-300.86	25.61	602562.61	451033.16	32°14'22.458"N	104°00'05.817"W	0.36	
3555.00	0.410	158.650	3537.99	-302.02	-301.70	25.68	602562.68	451032.32	32°14'22.450"N	104°00'05.817"W	0.33	
3650.00	0.410	156.420	3632.99	-302.65	-302.33	25.94	602562.94	451031.70	32°14'22.444"N	104°00'05.814"W	0.02	
3746.00	0.460	139.820	3728.98	-303.26	-302.94	26.33	602563.33	451031.09	32°14'22.438"N	104°00'05.809"W	0.14	
3842.00	0.390	134.360	3824.98	-303.79	-303.46	26.81	602563.81	451030.56	32°14'22.433"N	104°00'05.804"W	0.08	
3937.00	0.320	152.880	3919.98	-304.26	-303.92	27.16	602564.16	451030.10	32°14'22.428"N	104°00'05.799"W	0.14	
4033.00	0.210	99.330	4015.98	-304.53	-304.19	27.46	602564.46	451029.83	32°14'22.426"N	104°00'05.796"W	0.27	
4129.00	0.100	199.710	4111.98	-304.64	-304.30	27.60	602564.60	451029.73	32°14'22.424"N	104°00'05.794"W	0.26	
4225.00	0.200	63.660	4207.98	-304.65	-304.30	27.73	602564.72	451029.72	32°14'22.424"N	104°00'05.793"W	0.29	
4320.00	0.090	336.360	4302.98	-304.51	-304.16	27.85	602564.84	451029.86	32°14'22.426"N	104°00'05.792"W	0.23	
4416.00	0.180	38.870	4398.98	-304.32	-303.97	27.91	602564.91	451030.05	32°14'22.428"N	104°00'05.791"W	0.17	
4512.00	0.200	23.280	4494.98	-304.05	-303.70	28.07	602565.07	451030.32	32°14'22.430"N	104°00'05.789"W	0.06	
4608.00	0.180	62.110	4590.98	-303.83	-303.48	28.27	602565.27	451030.55	32°14'22.433"N	104°00'05.787"W	0.13	
4703.00	0.080	292.930	4685.97	-303.74	-303.39	28.36	602565.35	451030.64	32°14'22.433"N	104°00'05.786"W	0.23	
4799.00	0.160	269.340	4781.97	-303.72	-303.37	28.18	602565.17	451030.65	32°14'22.434"N	104°00'05.788"W	0.11	
4894.00	0.060	275.160	4876.97	-303.72	-303.37	27.99	602564.99	451030.66	32°14'22.434"N	104°00'05.790"W	0.11	
4990.00	0.250	60.060	4972.97	-303.61	-303.26	28.12	602565.12	451030.77	32°14'22.435"N	104°00'05.788"W	0.31	
5086.00	0.150	73.110	5068.97	-303.47	-303.12	28.43	602565.42	451030.91	32°14'22.436"N	104°00'05.785"W	0.11	
5181.00	0.070	341.360	5163.97	-303.38	-303.03	28.53	602565.52	451031.00	32°14'22.437"N	104°00'05.784"W	0.18	
5277.00	0.260	213.370	5259.97	-303.51	-303.15	28.39	602565.39	451030.87	32°14'22.436"N	104°00'05.785"W	0.32	
5373.00	0.180	282.370	5355.97	-303.65	-303.30	28.12	602565.12	451030.72	32°14'22.434"N	104°00'05.788"W	0.27	
5468.00	0.280	266.310	5450.97	-303.63	-303.29	27.74	602564.74	451030.74	32°14'22.434"N	104°00'05.793"W	0.12	
5564.00	0.220	250.740	5546.97	-303.70	-303.36	27.34	602564.33	451030.66	32°14'22.434"N	104°00'05.797"W	0.09	
5659.00	0.390	269.320	5641.97	-303.76	-303.43	26.84	602563.84	451030.60	32°14'22.433"N	104°00'05.803"W	0.20	



Actual Wellpath Report

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Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5755.00	0.470	246.110	5737.97	-303.91	-303.59	26.15	602563.15	451030.44	32°14'22.432"N	104°00'05.811"W	0.20	
5851.00	0.500	239.920	5833.96	-304.27	-303.96	25.43	602562.43	451030.07	32°14'22.428"N	104°00'05.820"W	0.06	
5946.00	0.170	240.970	5928.96	-304.54	-304.23	24.95	602561.95	451029.79	32°14'22.425"N	104°00'05.825"W	0.35	
6042.00	0.390	230.880	6024.96	-304.81	-304.51	24.57	602561.57	451029.52	32°14'22.422"N	104°00'05.830"W	0.23	
6138.00	0.290	224.310	6120.96	-305.19	-304.89	24.15	602561.15	451029.14	32°14'22.419"N	104°00'05.835"W	0.11	
6233.00	0.170	186.520	6215.96	-305.50	-305.20	23.96	602560.96	451028.82	32°14'22.416"N	104°00'05.837"W	0.20	
6329.00	0.180	276.670	6311.96	-305.62	-305.33	23.80	602560.80	451028.70	32°14'22.414"N	104°00'05.839"W	0.26	
6424.00	0.220	216.690	6406.96	-305.74	-305.45	23.54	602560.54	451028.57	32°14'22.413"N	104°00'05.842"W	0.21	
6520.00	0.280	151.740	6502.96	-306.10	-305.81	23.54	602560.54	451028.22	32°14'22.410"N	104°00'05.842"W	0.28	
6616.00	0.130	110.540	6598.96	-306.35	-306.05	23.76	602560.75	451027.97	32°14'22.407"N	104°00'05.839"W	0.21	
6680.00	0.070	234.760	6662.96	-306.39	-306.10	23.79	602560.79	451027.92	32°14'22.407"N	104°00'05.839"W	0.28	12 1/4" Intermediate (432') 452' - 6680'
6752.00	0.850	297.990	6734.95	-306.16	-305.88	23.28	602560.28	451028.15	32°14'22.409"N	104°00'05.845"W	1.14	
6816.00	0.890	293.870	6798.95	-305.73	-305.45	22.41	602559.41	451028.57	32°14'22.413"N	104°00'05.855"W	0.12	
6911.00	0.980	293.290	6893.93	-305.09	-304.83	20.99	602557.99	451029.19	32°14'22.419"N	104°00'05.871"W	0.10	
7007.00	0.850	303.800	6989.92	-304.35	-304.11	19.64	602556.64	451029.91	32°14'22.427"N	104°00'05.887"W	0.22	
7102.00	0.710	333.470	7084.91	-303.42	-303.19	18.79	602555.79	451030.83	32°14'22.436"N	104°00'05.897"W	0.44	
7198.00	0.370	318.060	7180.91	-302.65	-302.43	18.32	602555.32	451031.59	32°14'22.443"N	104°00'05.902"W	0.38	
7293.00	0.470	330.620	7275.91	-302.08	-301.86	17.93	602554.92	451032.16	32°14'22.449"N	104°00'05.907"W	0.14	
7389.00	0.250	262.930	7371.90	-301.75	-301.55	17.52	602554.52	451032.48	32°14'22.452"N	104°00'05.912"W	0.46	
7485.00	0.260	174.220	7467.90	-301.99	-301.79	17.34	602554.34	451032.24	32°14'22.450"N	104°00'05.914"W	0.37	
7580.00	0.620	142.760	7562.90	-302.62	-302.41	17.67	602554.67	451031.61	32°14'22.443"N	104°00'05.910"W	0.44	
7676.00	0.380	145.040	7658.90	-303.30	-303.09	18.17	602555.17	451030.94	32°14'22.437"N	104°00'05.904"W	0.25	
7771.00	0.410	144.450	7753.89	-303.84	-303.62	18.55	602555.54	451030.40	32°14'22.431"N	104°00'05.900"W	0.03	
7867.00	0.400	145.220	7849.89	-304.40	-304.18	18.94	602555.94	451029.85	32°14'22.426"N	104°00'05.895"W	0.01	
7962.00	0.470	154.090	7944.89	-305.03	-304.80	19.30	602556.30	451029.23	32°14'22.420"N	104°00'05.891"W	0.10	
8058.00	0.900	137.290	8040.88	-305.95	-305.71	19.98	602556.98	451028.32	32°14'22.411"N	104°00'05.883"W	0.49	
8153.00	1.010	120.850	8135.87	-306.94	-306.68	21.21	602558.20	451027.34	32°14'22.401"N	104°00'05.869"W	0.31	
8249.00	1.230	130.660	8231.85	-308.07	-307.79	22.71	602559.71	451026.24	32°14'22.390"N	104°00'05.851"W	0.30	
8345.00	1.210	146.310	8327.83	-309.60	-309.30	24.06	602561.05	451024.72	32°14'22.375"N	104°00'05.836"W	0.35	
8441.00	0.700	162.880	8423.82	-311.01	-310.71	24.79	602561.79	451023.32	32°14'22.361"N	104°00'05.827"W	0.60	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8536.00	0.980	175.090	8518.81	-312.38	-312.07	25.03	602562.03	451021.95	32°14'22.348"N	104°00'05.825"W	0.35	
8632.00	0.860	183.240	8614.79	-313.92	-313.61	25.06	602562.06	451020.42	32°14'22.332"N	104°00'05.824"W	0.18	
8728.00	0.920	193.310	8710.78	-315.38	-315.08	24.84	602561.84	451018.95	32°14'22.318"N	104°00'05.827"W	0.17	
8823.00	0.850	192.020	8805.77	-316.81	-316.51	24.52	602561.52	451017.52	32°14'22.304"N	104°00'05.831"W	0.08	
8919.00	1.230	207.510	8901.75	-318.41	-318.12	23.90	602560.90	451015.91	32°14'22.288"N	104°00'05.838"W	0.49	
9015.00	0.810	233.440	8997.74	-319.72	-319.44	22.88	602559.87	451014.59	32°14'22.275"N	104°00'05.850"W	0.64	
9111.00	1.400	326.940	9093.73	-319.12	-318.86	21.69	602558.69	451015.17	32°14'22.281"N	104°00'05.864"W	1.73	
9206.00	2.720	337.800	9188.66	-316.04	-315.80	20.21	602557.20	451018.23	32°14'22.311"N	104°00'05.881"W	1.44	
9302.00	3.250	343.880	9284.53	-311.30	-311.08	18.59	602555.59	451022.95	32°14'22.358"N	104°00'05.900"W	0.64	
9384.00	3.770	345.810	9366.38	-306.43	-306.23	17.28	602554.28	451027.79	32°14'22.406"N	104°00'05.915"W	0.65	8 1/2" Intermediate (6680') 6752' - 9384'
9460.00	4.760	349.290	9442.17	-300.90	-300.71	16.09	602553.08	451033.32	32°14'22.460"N	104°00'05.928"W	1.35	
9492.00	7.280	357.260	9473.99	-297.56	-297.38	15.74	602552.74	451036.65	32°14'22.493"N	104°00'05.932"W	8.28	
9586.00	19.630	1.560	9565.24	-275.75	-275.56	15.89	602552.89	451058.46	32°14'22.709"N	104°00'05.930"W	13.17	
9681.00	24.680	2.330	9653.19	-239.98	-239.77	17.13	602554.13	451094.25	32°14'23.063"N	104°00'05.914"W	5.32	
9775.00	30.950	359.680	9736.29	-196.17	-195.94	17.79	602554.79	451138.07	32°14'23.497"N	104°00'05.905"W	6.80	
9870.00	36.100	355.990	9815.47	-143.75	-143.56	15.70	602552.70	451190.45	32°14'24.015"N	104°00'05.927"W	5.83	
9964.00	44.480	355.750	9887.11	-83.13	-82.98	11.31	602548.31	451251.02	32°14'24.615"N	104°00'05.976"W	8.92	
10058.00	52.530	359.090	9949.35	-12.83	-12.72	8.27	602545.27	451321.28	32°14'25.310"N	104°00'06.009"W	8.97	
10153.00	62.150	2.300	10000.56	67.01	67.14	9.36	602546.36	451401.14	32°14'26.101"N	104°00'05.993"W	10.52	
10248.00	72.520	1.400	10037.12	154.46	154.64	12.16	602549.16	451488.63	32°14'26.966"N	104°00'05.958"W	10.95	
10342.00	83.330	359.760	10056.76	246.22	246.42	13.07	602550.06	451580.40	32°14'27.874"N	104°00'05.944"W	11.63	
10405.00	90.790	0.250	10059.99	309.09	309.29	13.07	602550.07	451643.26	32°14'28.497"N	104°00'05.941"W	11.87	
10436.00	91.390	0.040	10059.40	340.08	340.28	13.15	602550.15	451674.26	32°14'28.803"N	104°00'05.939"W	2.05	
10531.00	89.380	359.590	10058.76	435.06	435.28	12.84	602549.84	451769.24	32°14'29.743"N	104°00'05.940"W	2.17	
10624.00	89.350	357.670	10059.79	528.05	528.24	10.62	602547.62	451862.20	32°14'30.663"N	104°00'05.962"W	2.06	
10719.00	90.250	356.890	10060.12	622.99	623.13	6.11	602543.11	451957.08	32°14'31.602"N	104°00'06.011"W	1.25	
10813.00	88.520	354.310	10061.13	716.79	716.84	-1.10	602535.90	452050.78	32°14'32.530"N	104°00'06.092"W	3.30	
10907.00	89.200	356.430	10063.00	810.55	810.50	-8.68	602528.32	452144.44	32°14'33.457"N	104°00'06.177"W	2.37	
11002.00	89.230	358.610	10064.30	905.49	905.40	-12.79	602524.21	452239.33	32°14'34.396"N	104°00'06.221"W	2.29	
11096.00	90.280	359.680	10064.71	999.49	999.39	-14.20	602522.81	452333.31	32°14'35.326"N	104°00'06.234"W	1.59	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
11190.00	90.550	358.540	10064.02	1093.48	1093.37	-15.66	602521.35	452427.28	32°14'36.256"N	104°00'06.248"W	1.25	
11285.00	91.630	358.730	10062.22	1188.46	1188.33	-17.92	602519.08	452522.23	32°14'37.196"N	104°00'06.271"W	1.15	
11379.00	90.370	358.900	10060.58	1282.44	1282.29	-19.86	602517.14	452616.19	32°14'38.126"N	104°00'06.290"W	1.35	
11474.00	90.220	358.080	10060.09	1377.43	1377.25	-22.37	602514.64	452711.14	32°14'39.066"N	104°00'06.316"W	0.88	
11568.00	92.070	359.470	10058.21	1471.40	1471.21	-24.37	602512.63	452805.09	32°14'39.995"N	104°00'06.336"W	2.46	
11663.00	90.490	0.920	10056.09	1566.36	1566.18	-24.05	602512.95	452900.05	32°14'40.935"N	104°00'06.329"W	2.26	
11757.00	89.170	0.200	10056.37	1660.33	1660.17	-23.13	602513.87	452994.04	32°14'41.865"N	104°00'06.314"W	1.60	
11852.00	90.000	0.500	10057.05	1755.31	1755.17	-22.55	602514.45	453089.02	32°14'42.805"N	104°00'06.304"W	0.93	
11947.00	90.930	2.790	10056.28	1850.22	1850.12	-19.83	602517.18	453183.97	32°14'43.745"N	104°00'06.269"W	2.60	
12041.00	88.490	1.330	10056.76	1944.09	1944.04	-16.45	602520.55	453277.89	32°14'44.674"N	104°00'06.226"W	3.02	
12136.00	94.230	1.880	10054.50	2038.94	2038.94	-13.79	602523.21	453372.78	32°14'45.613"N	104°00'06.192"W	6.07	
12230.00	89.480	0.840	10051.46	2132.80	2132.84	-11.56	602525.44	453466.66	32°14'46.542"N	104°00'06.163"W	5.17	
12325.00	89.320	0.690	10052.46	2227.76	2227.82	-10.29	602526.71	453561.64	32°14'47.482"N	104°00'06.145"W	0.23	
12419.00	88.520	1.570	10054.23	2321.69	2321.79	-8.44	602528.56	453655.60	32°14'48.412"N	104°00'06.120"W	1.27	
12514.00	88.030	0.380	10057.09	2416.60	2416.73	-6.82	602530.18	453750.53	32°14'49.351"N	104°00'06.097"W	1.35	
12608.00	89.420	359.760	10059.18	2510.56	2510.70	-6.71	602530.29	453844.50	32°14'50.281"N	104°00'06.093"W	1.62	
12703.00	90.770	359.170	10059.02	2605.56	2605.69	-7.59	602529.41	453939.48	32°14'51.221"N	104°00'06.100"W	1.55	
12766.00	91.480	358.840	10057.79	2668.55	2668.67	-8.69	602528.31	454002.46	32°14'51.844"N	104°00'06.110"W	1.24	
12829.00	90.120	357.490	10056.91	2731.53	2731.63	-10.71	602526.30	454065.41	32°14'52.467"N	104°00'06.131"W	3.04	
12923.00	91.570	358.340	10055.52	2825.49	2825.55	-14.13	602522.88	454159.33	32°14'53.397"N	104°00'06.168"W	1.79	
13018.00	90.000	359.570	10054.22	2920.47	2920.53	-15.86	602521.14	454254.29	32°14'54.337"N	104°00'06.184"W	2.10	
13112.00	90.890	0.240	10053.49	3014.46	3014.52	-16.01	602520.99	454348.28	32°14'55.267"N	104°00'06.183"W	1.19	
13207.00	88.640	0.300	10053.88	3109.44	3109.51	-15.57	602521.44	454443.26	32°14'56.207"N	104°00'06.174"W	2.37	
13301.00	90.310	359.900	10054.74	3203.42	3203.51	-15.40	602521.60	454537.25	32°14'57.137"N	104°00'06.169"W	1.83	
13395.00	91.330	0.900	10053.39	3297.39	3297.49	-14.75	602522.26	454631.22	32°14'58.067"N	104°00'06.158"W	1.52	
13490.00	89.720	1.940	10052.52	3392.31	3392.45	-12.39	602524.61	454726.18	32°14'59.006"N	104°00'06.127"W	2.02	
13585.00	90.150	2.070	10052.63	3487.20	3487.39	-9.07	602527.93	454821.11	32°14'59.946"N	104°00'06.085"W	0.47	
13679.00	88.550	0.020	10053.70	3581.14	3581.37	-7.35	602529.65	454915.08	32°15'00.876"N	104°00'06.062"W	2.77	
13773.00	86.210	358.200	10058.00	3675.03	3675.25	-8.81	602528.19	455008.95	32°15'01.805"N	104°00'06.075"W	3.15	
13868.00	85.250	357.810	10065.07	3769.74	3769.92	-12.11	602524.89	455103.62	32°15'02.742"N	104°00'06.110"W	1.09	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
13963.00	86.390	358.470	10071.99	3864.47	3864.62	-15.18	602521.82	455198.31	32°15'03.679"N	104°00'06.143"W	1.39	
14057.00	89.230	359.250	10075.58	3958.39	3958.52	-17.05	602519.95	455292.20	32°15'04.608"N	104°00'06.161"W	3.13	
14152.00	86.760	358.310	10078.91	4053.32	4053.43	-19.07	602517.93	455387.10	32°15'05.547"N	104°00'06.181"W	2.78	
14246.00	86.210	359.210	10084.67	4147.14	4147.23	-21.10	602515.90	455480.90	32°15'06.476"N	104°00'06.201"W	1.12	
14341.00	89.880	1.170	10087.91	4242.05	4242.16	-20.79	602516.22	455575.81	32°15'07.415"N	104°00'06.194"W	4.38	
14441.00	92.590	2.940	10085.76	4341.89	4342.05	-17.20	602519.80	455675.70	32°15'08.403"N	104°00'06.149"W	3.24	
14536.00	92.280	6.160	10081.72	4436.39	4436.66	-9.67	602527.33	455770.30	32°15'09.339"N	104°00'06.058"W	3.40	
14632.00	90.280	3.140	10079.57	4531.92	4532.30	-1.89	602535.11	455865.93	32°15'10.285"N	104°00'05.964"W	3.77	
14727.00	88.550	357.900	10080.55	4626.85	4627.26	-1.03	602535.97	455960.88	32°15'11.225"N	104°00'05.950"W	5.81	
14823.00	86.270	356.710	10084.88	4722.69	4723.04	-5.54	602531.46	456056.66	32°15'12.173"N	104°00'05.999"W	2.68	
14919.00	89.690	358.880	10088.27	4818.58	4818.89	-9.23	602527.77	456152.50	32°15'13.122"N	104°00'06.039"W	4.22	
15015.00	92.190	359.490	10086.69	4914.56	4914.86	-10.59	602526.41	456248.46	32°15'14.071"N	104°00'06.051"W	2.68	
15111.00	89.630	356.710	10085.17	5010.51	5010.78	-13.78	602523.22	456344.37	32°15'15.020"N	104°00'06.085"W	3.94	
15206.00	88.210	356.640	10086.96	5105.40	5105.60	-19.29	602517.72	456439.19	32°15'15.959"N	104°00'06.146"W	1.50	
15302.00	84.940	354.900	10092.69	5201.04	5201.15	-26.35	602510.65	456534.73	32°15'16.905"N	104°00'06.225"W	3.86	
15398.00	88.740	357.270	10097.98	5296.72	5296.76	-32.89	602504.11	456630.33	32°15'17.851"N	104°00'06.297"W	4.66	
15493.00	88.240	356.180	10100.49	5391.60	5391.57	-38.31	602498.69	456725.13	32°15'18.789"N	104°00'06.357"W	1.26	
15589.00	89.480	357.300	10102.40	5487.48	5487.39	-43.77	602493.23	456820.95	32°15'19.738"N	104°00'06.417"W	1.74	
15685.00	91.110	357.970	10101.90	5583.44	5583.30	-47.73	602489.27	456916.85	32°15'20.687"N	104°00'06.460"W	1.84	
15781.00	92.530	357.010	10098.85	5679.34	5679.16	-51.94	602485.07	457012.70	32°15'21.635"N	104°00'06.505"W	1.79	
15876.00	93.270	356.530	10094.05	5774.13	5773.89	-57.28	602479.72	457107.42	32°15'22.573"N	104°00'06.564"W	0.93	
15972.00	94.010	357.040	10087.95	5869.85	5869.54	-62.65	602474.35	457203.07	32°15'23.520"N	104°00'06.623"W	0.94	
16068.00	90.430	358.620	10084.24	5965.73	5965.38	-66.28	602470.72	457298.90	32°15'24.468"N	104°00'06.662"W	4.08	
16163.00	88.340	0.990	10085.26	6060.71	6060.36	-66.61	602470.40	457393.87	32°15'25.408"N	104°00'06.662"W	3.33	
16259.00	90.220	2.670	10086.46	6156.60	6156.30	-63.54	602473.46	457489.80	32°15'26.357"N	104°00'06.623"W	2.63	
16355.00	90.060	359.900	10086.23	6252.53	6252.27	-61.39	602475.62	457585.76	32°15'27.307"N	104°00'06.595"W	2.89	
16450.00	86.520	357.470	10089.06	6347.46	6347.18	-63.57	602473.44	457680.66	32°15'28.246"N	104°00'06.617"W	4.52	
16546.00	91.760	3.050	10090.50	6443.36	6443.09	-63.13	602473.88	457776.57	32°15'29.195"N	104°00'06.608"W	7.97	
16641.00	87.590	1.860	10091.04	6538.18	6537.98	-59.06	602477.94	457871.45	32°15'30.134"N	104°00'06.557"W	4.56	
16737.00	88.000	0.640	10094.74	6634.05	6633.89	-58.97	602480.04	457967.35	32°15'31.083"N	104°00'06.530"W	1.34	



Actual Wellpath Report

CB SE 5 32 FED Com 012H _awp

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
16833.00	93.760	0.530	10093.26	6729.97	6729.83	-55.99	602481.02	458063.28	32°15'32.032"N	104°00'06.515"W	6.00	
16928.00	95.400	359.340	10085.68	6824.66	6824.52	-56.09	602480.91	458157.97	32°15'32.969"N	104°00'06.513"W	2.13	
17024.00	92.770	358.120	10078.84	6920.40	6920.24	-58.22	602478.79	458253.68	32°15'33.917"N	104°00'06.534"W	3.02	
17119.00	91.850	358.390	10075.01	7015.31	7015.12	-61.11	602475.90	458348.55	32°15'34.856"N	104°00'06.564"W	1.01	
17215.00	87.290	357.030	10075.73	7111.24	7111.01	-64.94	602472.06	458444.44	32°15'35.805"N	104°00'06.605"W	4.96	
17311.00	91.140	359.230	10077.04	7207.19	7206.93	-68.07	602468.93	458540.35	32°15'36.754"N	104°00'06.638"W	4.62	
17406.00	86.700	356.300	10078.83	7302.11	7301.81	-71.77	602465.23	458635.22	32°15'37.693"N	104°00'06.678"W	5.60	
17502.00	92.870	354.420	10079.19	7397.84	7397.44	-79.54	602457.47	458730.84	32°15'38.639"N	104°00'06.765"W	6.72	
17598.00	89.350	353.010	10077.34	7493.36	7492.83	-90.04	602446.96	458826.22	32°15'39.584"N	104°00'06.884"W	3.95	
17694.00	87.100	354.920	10080.31	7588.90	7588.24	-100.13	602436.88	458921.63	32°15'40.528"N	104°00'06.998"W	3.07	
17789.00	91.480	358.530	10081.49	7683.76	7683.04	-105.55	602431.45	459016.42	32°15'41.466"N	104°00'07.058"W	5.97	
17885.00	89.820	358.100	10080.40	7779.74	7778.99	-108.38	602428.63	459112.36	32°15'42.416"N	104°00'07.087"W	1.79	
17980.00	86.490	359.660	10083.46	7874.67	7873.90	-110.23	602426.78	459207.27	32°15'43.355"N	104°00'07.105"W	3.87	
18076.00	90.400	358.570	10086.06	7970.62	7969.84	-111.72	602425.29	459303.19	32°15'44.304"N	104°00'07.119"W	4.23	
18172.00	88.580	356.630	10086.91	8066.57	8065.74	-115.74	602421.27	459399.09	32°15'45.253"N	104°00'07.162"W	2.77	
18267.00	90.340	0.000	10087.81	8161.53	8160.68	-118.53	602418.48	459494.02	32°15'46.193"N	104°00'07.192"W	4.00	
18363.00	87.910	4.540	10089.28	8257.35	8256.56	-114.73	602422.28	459589.89	32°15'47.142"N	104°00'07.144"W	5.36	
18458.00	87.200	3.510	10093.33	8351.93	8351.24	-108.07	602428.94	459684.56	32°15'48.078"N	104°00'07.063"W	1.32	
18554.00	90.340	2.890	10095.39	8447.67	8447.05	-102.71	602434.30	459780.37	32°15'49.026"N	104°00'06.997"W	3.33	
18649.00	85.530	3.020	10098.81	8542.38	8541.84	-97.82	602439.19	459875.15	32°15'49.964"N	104°00'06.937"W	5.07	
18745.00	88.310	1.540	10103.97	8638.09	8637.61	-94.01	602443.00	459970.91	32°15'50.912"N	104°00'06.889"W	3.28	
18840.00	86.980	359.820	10107.87	8732.98	8732.52	-92.88	602444.13	460065.81	32°15'51.851"N	104°00'06.872"W	2.29	
18936.00	89.940	0.440	10110.45	8828.92	8828.47	-92.66	602444.35	460161.76	32°15'52.800"N	104°00'06.866"W	3.15	
19032.00	86.790	359.690	10113.19	8924.86	8924.42	-92.55	602444.46	460257.70	32°15'53.750"N	104°00'06.862"W	3.37	
19127.00	91.140	359.850	10114.91	9019.81	9019.38	-92.93	602444.08	460352.65	32°15'54.689"N	104°00'06.863"W	4.58	
19223.00	92.590	359.280	10111.78	9115.76	9115.32	-93.66	602443.35	460448.59	32°15'55.639"N	104°00'06.868"W	1.62	
19318.00	93.200	359.350	10106.99	9210.64	9210.19	-94.79	602442.21	460543.45	32°15'56.578"N	104°00'06.877"W	0.65	
19414.00	94.530	358.820	10100.52	9306.42	9305.96	-96.32	602440.68	460639.21	32°15'57.525"N	104°00'06.892"W	1.49	
19509.00	92.160	358.100	10094.97	9401.24	9400.76	-98.87	602438.14	460734.00	32°15'58.463"N	104°00'06.918"W	2.61	
19605.00	89.660	355.960	10093.45	9497.14	9496.60	-103.85	602433.16	460829.84	32°15'59.412"N	104°00'06.973"W	3.43	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
19701.00	90.550	354.430	10093.27	9592.90	9592.26	-111.89	602425.12	460925.49	32°16'00.359"N	104°00'07.063"W	1.84	
19796.00	91.850	353.160	10091.28	9687.45	9686.68	-122.15	602414.86	461019.90	32°16'01.293"N	104°00'07.179"W	1.91	
19892.00	88.310	353.500	10091.15	9782.92	9782.02	-133.30	602403.71	461115.22	32°16'02.237"N	104°00'07.305"W	3.70	
19988.00	90.430	351.910	10092.20	9878.29	9877.22	-145.49	602391.52	461210.43	32°16'03.180"N	104°00'07.444"W	2.76	
20083.00	89.820	349.470	10092.00	9972.23	9970.97	-160.86	602376.16	461304.16	32°16'04.108"N	104°00'07.619"W	2.65	
20106.00	89.110	348.660	10092.21	9994.86	9993.55	-165.22	602371.79	461326.74	32°16'04.331"N	104°00'07.669"W	4.68	6 3/4 BH MWD 9460-20106
20161.00	89.110	348.660	10093.07	10048.92	10047.47	-176.03	602360.98	461380.65	32°16'04.865"N	104°00'07.793"W	0.00	Projection to TD 20161



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CB SE 5 32 FED Com 012H _awp

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**BAKER
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

TARGETS								
Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
CB SE 5 32 FED COM 12H 3	10013.00	4017.35	-34.38	602502.62	455351.03	32°15'05.191"N	104°00'06.361"W	point
CB SE 5 32 FED COM 12H 5	10044.00	7553.03	-82.02	602454.99	458886.42	32°15'40.179"N	104°00'06.788"W	point
CB SE 5 32 FED COM 12H 1	10045.00	1663.56	-2.66	602534.34	452997.43	32°14'41.898"N	104°00'06.076"W	point
CB SE 5 32 FED COM 12H FTP rev 3	10054.00	-49.40	20.47	602557.47	451284.60	32°14'24.947"N	104°00'05.868"W	point
CB SE 5 32 FED COM 12H LTP	10059.00	9876.59	-112.87	602424.14	461209.79	32°16'03.172"N	104°00'07.064"W	point
CB SE 5 32 FED COM 12H 2	10060.00	2463.49	-13.44	602523.56	453797.29	32°14'49.814"N	104°00'06.173"W	point
CB SE 5 32 FED COM 12H 4	10063.00	6216.15	-64.01	602473.00	457549.65	32°15'26.950"N	104°00'06.627"W	point
CB SE 5 32 FED COM 12H PBHL rev 2	10067.00	9926.80	-114.01	602423.00	461260.00	32°16'03.669"N	104°00'07.075"W	point

WELLPATH COMPOSITION - Ref Wellbore: CB SE 5 32 FED Com 012H				Ref Wellpath: CB SE 5 32 FED Com 012H _awp	
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment		Wellbore
28.00	432.00	BHI NaviTrak (Axial)	17 1/2" Surface (28' 158' to 432'		CB SE 5 32 FED Com 012H
432.00	6680.00	BHI NaviTrak (Axial)	12 1/4" Intermediate (432' 452' - 6680'		CB SE 5 32 FED Com 012H
6680.00	9384.00	BHI NaviTrak (Axial)	8 1/2" Intermediate (6680' 6752' - 9384'		CB SE 5 32 FED Com 012H
9384.00	20106.00	BHI NaviTrak (Axial)	6 3/4 BH MWD 9460-20106		CB SE 5 32 FED Com 012H
20106.00	20161.00	Blind Drilling (std)	Projection to bit		CB SE 5 32 FED Com 012H



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CB SE 5 32 FED Com 012H _awp

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Chevron U.S.A. Inc.	Slot	CB SE 5 32 FED Com 012H
Area	Eddy County, NM	Well	CB SE 5 32 FED Com 012H
Field	Purple Sage, Wolfcamp(Eddy Co., NM) NAD27	Wellbore	CB SE 5 32 FED Com 012H
Facility	CB 24 29 Sec 5 32 Pad 1		

COMMENTS

Wellpath general comments

Well: CB SE 5 32 FED Com 012H
Field: Purple Sage, Wolfcamp
Rig: Patterson 257
Location: Eddy Co. NM
API: 300154463800
Latitude: 32° 14' 25.436" N
Longitude: 104° 00' 06.105" W
DF Elevation: 3056.00 feet
Elev. GL: 3028.00 feet
Proposed Direction: 359.23°
PBHL: 20161.00 feet
Duration: 3/16/2018-07/28/2018
FSE's: S. Dinh
SO#: 9059563
17 1/2" Surface (28') 158' to 432'
12 1/4" Intermediate (432') 452' - 6680'
8 1/2" Intermediate (6680') 6752' - 9384'
6 3/4 BH MWD 9460-20106
Projection to TD 20161