

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
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.
NMNM27506

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
SD EA 29 FED COM P8 9H9. API Well No.
30-025-43268-00-X110. Field and Pool or Exploratory Area
WC025G06S263319P-BONE SPRING11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CHEVRON USA INCContact: KAYLA MCCONNELL
E-Mail: kaylamcconnell@chevron.com3a. Address
1616 W. BENDER BLVD
HOBBS, NM 882403b. Phone No. (include area code)
Ph: 432-687-73754. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T26S R33E NWNE 136FNL 1682FEL**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	Hydraulic Fracture
	☐ 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 recompleat 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 recompleat 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.

7/25/2018 - 9/29/18 : MIRU. Load and test annulus. Perforate & Frac Wolfcamp from 12461' - 19397'.
Frac w/945942 bbl fluid & 18.7 MM# proppant.

9/30/2018 - 10/1/2018: Drill out Plugs.

10/3/2018 - 10/16/2018: Set 2 7/8" production tubing @12113' & packer @12091'.

10/16/2018: Well shut in.

Attached - As-drilled plat

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

Electronic Submission #448421 verified by the BLM Well Information System**For CHEVRON USA INC, sent to the Hobbs****Committed to AFMSS for processing by JONATHON W SHEPARD on 12/19/2018 (19JS0010SE)**

Name (Printed/Typed) KAYLA MCCONNELL

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 12/19/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJONATHON SHEPARD
Title PETROELUM ENGINEER

Date 12/19/2018

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 Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make 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 ****

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

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

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

APR 01 2019

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATED

¹ API Number 30-025-43268	² Pool Code 98097	³ Pool Name SANDERS TANK; UPPER WOLFCAMP
⁴ Property Code 316250	⁵ Property Name SD EA 29 FED COM P8	⁶ Well Number 9H
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁹ Elevation 3250'

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
B	29	26 SOUTH	33 EAST, N.M.P.M.		136'	NORTH	1682'	EAST	LEA

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
2	32	26 SOUTH	33 EAST, N.M.P.M.		174'	SOUTH	1626'	EAST	LEA

¹² Dedicated Acres 949.56	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 <table><tr><th>SD EA 29 FED COM P8 NO. 9H WELL</th><th>AS-DRILLED BOTTOM HOLE LOCATION</th></tr><tr><td>X= 730,180 NAD 27 Y= 372,252 LAT. 32.021281 LONG. 103.590705</td><td>X= 730,273 NAD 27 Y= 364,735 LAT. 32.000594 LONG. 103.590507</td></tr><tr><td>X= 771,348 NAD83 Y= 372,308 LAT. 32.021388 LONG. 103.591172</td><td>X= 771,462 NAD83 Y= 364,791 LAT. 32.000720 LONG. 103.590973</td></tr><tr><td colspan="2">ELEVATION +3250' NAVD 88</td></tr></table><table><tr><th>FIRST TAKE POINT</th><th>LAST TAKE POINT</th></tr><tr><td>X= 730,257 NAD 27 Y= 371,821 LAT. 32.020074 LONG. 103.590405</td><td>X= 730,278 NAD 27 Y= 364,801 LAT. 32.001050 LONG. 103.590490</td></tr><tr><td>X= 771,444 NAD83 Y= 371,878 LAT. 32.020200 LONG. 103.590871</td><td>X= 771,468 NAD83 Y= 364,857 LAT. 32.001178 LONG. 103.590958</td></tr></table> CORNER COORDINATES TABLE (NAD 27) A - Y=372382.09, X=729197.59 B - Y=372389.73, X=731841.78 C - Y=364553.99, X=729259.12 D - Y=364572.35, X=731900.79	SD EA 29 FED COM P8 NO. 9H WELL	AS-DRILLED BOTTOM HOLE LOCATION	X= 730,180 NAD 27 Y= 372,252 LAT. 32.021281 LONG. 103.590705	X= 730,273 NAD 27 Y= 364,735 LAT. 32.000594 LONG. 103.590507	X= 771,348 NAD83 Y= 372,308 LAT. 32.021388 LONG. 103.591172	X= 771,462 NAD83 Y= 364,791 LAT. 32.000720 LONG. 103.590973	ELEVATION +3250' NAVD 88		FIRST TAKE POINT	LAST TAKE POINT	X= 730,257 NAD 27 Y= 371,821 LAT. 32.020074 LONG. 103.590405	X= 730,278 NAD 27 Y= 364,801 LAT. 32.001050 LONG. 103.590490	X= 771,444 NAD83 Y= 371,878 LAT. 32.020200 LONG. 103.590871	X= 771,468 NAD83 Y= 364,857 LAT. 32.001178 LONG. 103.590958	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. <i>Kayla McConnell</i> 12/5/2018 Signature Date KAYLA MCCONNELL Printed Name GNCV@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. 10/29/2014 Date of Survey Signature and Seal of Professional Surveyor 11/15/2018 Certificate Number 23006 ROBERT L. LASTRAPES NEW MEXICO PROFESSIONAL SURVEYOR
SD EA 29 FED COM P8 NO. 9H WELL	AS-DRILLED BOTTOM HOLE LOCATION														
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HOBBS OCD

APR 01 2019

RECEIVED



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

Page 1 of 7

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 5.0
North Reference	Grid	User	Tranlam
Scale	0.999970	Report Generated	6/5/2018 at 3:39:33 PM
Convergence at slot	0.40° East	Database/Source file	WA_Midland/SD_EA_29_Federal_COM_P8_No_9H_awp_195_-11137_Proj_11203_.xml

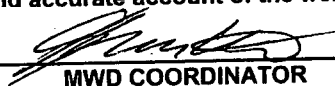
WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	-75.00	730160.00	372253.00	32°01'16.548"N	103°35'26.544"W
Facility Reference Pt			730235.00	372253.00	32°01'16.543"N	103°35'25.673"W
Field Reference Pt			152400.30	0.00	30°59'42.846"N	105°26'33.659"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig: Nabors X30 (KB) to Facility Vertical Datum	3284.60ft
Horizontal Reference Pt	Slot	Rig: Nabors X30 (KB) to Mean Sea Level	3284.60ft
Vertical Reference Pt	Rig: Nabors X30 (KB)	Rig: Nabors X30 (KB) to Ground Level at Slot (SD EA 29 FED COM P8 9H)	32.60ft
MD Reference Pt	Rig: Nabors X30 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.57°

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

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

WELLPATH DATA (73 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 [ft/100ft]	Comments
0.00†	0.000	30.500	0.00	0.00	0.00	0.00	730160.00	372253.00	32°01'16.548"N	103°35'26.544"W	0.00	
32.60	0.000	30.500	32.60	0.00	0.00	0.00	730160.00	372253.00	32°01'16.548"N	103°35'26.544"W	0.00	
195.00	0.700	30.500	195.00	-0.85	0.85	0.50	730160.50	372253.85	32°01'16.557"N	103°35'26.538"W	0.43	
256.00	0.900	44.500	255.99	-1.51	1.52	1.03	730161.03	372254.52	32°01'16.563"N	103°35'26.532"W	0.46	
347.00	1.000	32.500	346.98	-2.68	2.70	1.96	730161.96	372255.70	32°01'16.575"N	103°35'26.521"W	0.24	
352.00	1.100	49.500	351.98	-2.75	2.76	2.02	730162.02	372255.76	32°01'16.575"N	103°35'26.521"W	6.52	
444.00	1.200	47.500	443.96	-3.96	3.99	3.40	730163.40	372256.99	32°01'16.588"N	103°35'26.504"W	0.12	
535.00	1.400	34.500	534.93	-5.51	5.55	4.73	730164.73	372258.55	32°01'16.603"N	103°35'26.489"W	0.39	
627.00	1.100	20.500	626.91	-7.26	7.30	5.68	730165.68	372260.30	32°01'16.620"N	103°35'26.478"W	0.46	
717.00	0.900	43.500	716.90	-8.58	8.62	6.48	730166.48	372261.82	32°01'16.633"N	103°35'26.468"W	0.49	
808.00	1.000	51.500	807.89	-9.58	9.64	7.58	730167.58	372262.64	32°01'16.643"N	103°35'26.455"W	0.18	
945.00	1.100	28.980	944.86	-11.46	11.53	9.15	730169.15	372264.53	32°01'16.662"N	103°35'26.437"W	0.31	
1070.00	0.830	355.840	1069.85	-13.41	13.48	9.67	730169.67	372266.48	32°01'16.681"N	103°35'26.431"W	0.49	
1165.00	0.690	351.400	1164.84	-14.66	14.74	9.53	730169.53	372267.74	32°01'16.693"N	103°35'26.432"W	0.16	
1260.00	0.340	345.790	1259.84	-15.50	15.58	9.38	730169.38	372268.57	32°01'16.702"N	103°35'26.434"W	0.37	
1355.00	1.110	232.410	1354.83	-15.22	15.29	8.58	730168.58	372268.29	32°01'16.698"N	103°35'26.443"W	1.35	
1451.00	2.990	225.910	1450.76	-12.93	12.98	6.04	730166.04	372265.98	32°01'16.676"N	103°35'26.473"W	1.97	
1546.00	4.120	229.080	1545.58	-9.01	9.02	1.68	730161.68	372262.02	32°01'16.637"N	103°35'26.524"W	1.21	
1641.00	3.960	231.080	1640.34	-4.75	4.72	-3.45	730156.55	372257.72	32°01'16.595"N	103°35'26.584"W	0.22	
1736.00	3.920	231.770	1735.12	-0.72	0.65	-8.55	730151.45	372253.65	32°01'16.555"N	103°35'26.643"W	0.07	
1831.00	4.830	230.990	1829.84	3.77	-3.88	-14.21	730145.79	372249.12	32°01'16.511"N	103°35'26.710"W	0.96	
1926.00	6.170	233.750	1924.40	9.25	-9.41	-21.43	730138.57	372243.59	32°01'16.457"N	103°35'26.794"W	1.44	
2112.00	7.220	230.500	2109.13	22.47	-22.76	-38.51	730121.49	372230.24	32°01'16.326"N	103°35'26.993"W	0.60	
2302.00	7.380	231.400	2297.59	37.53	-37.98	-57.26	730102.74	372215.04	32°01'16.176"N	103°35'27.212"W	0.10	
2490.00	7.740	235.070	2483.96	52.17	-52.75	-77.08	730082.92	372200.26	32°01'16.032"N	103°35'27.444"W	0.32	
2681.00	7.350	237.150	2673.30	66.00	-66.74	-97.89	730062.12	372186.26	32°01'15.895"N	103°35'27.686"W	0.25	
2870.00	6.710	230.930	2860.89	79.38	-80.26	-116.62	730043.39	372172.75	32°01'15.762"N	103°35'27.905"W	0.53	
3060.00	4.670	223.200	3049.94	91.91	-92.89	-130.53	730029.47	372160.11	32°01'15.638"N	103°35'28.068"W	1.14	
3249.00	1.170	213.960	3238.67	99.07	-100.10	-136.88	730023.13	372152.90	32°01'15.567"N	103°35'28.142"W	1.86	
3439.00	0.580	138.750	3428.85	101.40	-102.43	-137.33	730022.68	372150.57	32°01'15.544"N	103°35'28.147"W	0.61	



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
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Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

WELLPATH DATA (73 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 [ft/100ft]	Comments
3628.00	2.220	94.460	3617.59	102.44	-103.44	-133.05	730026.96	372149.56	32°01'15.534"N	103°35'28.098"W	0.98	
3816.00	2.390	13.660	3805.48	98.94	-99.91	-128.49	730031.51	372153.09	32°01'15.568"N	103°35'28.044"W	1.59	
4004.00	0.220	152.100	3993.43	95.46	-96.42	-127.39	730032.61	372156.58	32°01'15.603"N	103°35'28.032"W	1.36	
4193.00	0.370	62.180	4182.43	95.50	-96.46	-126.69	730033.32	372156.55	32°01'15.602"N	103°35'28.023"W	0.23	
4383.00	1.370	98.700	4372.40	95.50	-96.44	-123.89	730036.12	372156.57	32°01'15.602"N	103°35'27.991"W	10.57	
4572.00	1.420	143.210	4561.35	97.67	-98.58	-120.24	730039.76	372154.43	32°01'15.581"N	103°35'27.949"W	0.58	
4762.00	1.920	148.030	4751.27	102.28	-103.16	-117.15	730042.86	372149.84	32°01'15.535"N	103°35'27.913"W	0.27	
4953.00	1.420	1.010	4942.24	102.84	-103.51	-115.41	730044.59	372149.49	32°01'15.532"N	103°35'27.893"W	1.68	
5142.00	1.110	5.690	5131.19	98.48	-99.35	-115.19	730044.82	372153.66	32°01'15.573"N	103°35'27.890"W	0.17	
5332.00	0.760	348.880	5321.17	95.41	-96.28	-115.25	730044.76	372156.73	32°01'15.603"N	103°35'27.890"W	10.23	
5522.00	0.290	343.150	5511.16	93.71	-94.58	-115.63	730044.37	372158.42	32°01'15.620"N	103°35'27.895"W	0.25	
5712.00	0.220	295.500	5701.16	93.09	-93.96	-116.10	730043.91	372159.04	32°01'15.626"N	103°35'27.900"W	0.11	
5903.00	0.230	270.280	5892.16	92.83	-93.80	-116.81	730043.19	372159.20	32°01'15.628"N	103°35'27.908"W	0.05	
6092.00	0.120	242.490	6081.16	93.01	-93.89	-117.37	730042.64	372159.11	32°01'15.627"N	103°35'27.915"W	0.07	
6281.00	0.290	194.930	6270.15	93.58	-94.45	-117.67	730042.34	372158.56	32°01'15.622"N	103°35'27.918"W	0.12	
6470.00	0.130	89.100	6459.15	94.02	-94.91	-117.57	730042.43	372158.10	32°01'15.617"N	103°35'27.917"W	0.18	
6660.00	0.100	59.410	6649.15	93.94	-94.82	-117.22	730042.79	372158.18	32°01'15.618"N	103°35'27.913"W	0.03	
6850.00	0.040	209.800	6839.15	93.91	-94.79	-117.11	730042.90	372158.21	32°01'15.618"N	103°35'27.912"W	0.07	
7038.00	0.150	216.890	7027.15	94.16	-95.05	-117.29	730042.72	372157.96	32°01'15.616"N	103°35'27.914"W	0.06	
7228.00	0.170	251.750	7217.15	94.45	-95.33	-117.70	730042.30	372157.67	32°01'15.613"N	103°35'27.919"W	0.05	
7418.00	0.030	128.770	7407.15	94.57	-95.45	-117.93	730042.07	372157.55	32°01'15.612"N	103°35'27.922"W	0.10	
7608.00	0.260	208.450	7597.15	94.97	-95.86	-118.10	730041.91	372157.14	32°01'15.608"N	103°35'27.923"W	0.13	
7798.00	0.200	215.090	7787.15	95.62	-96.51	-118.49	730041.51	372156.49	32°01'15.601"N	103°35'27.928"W	0.03	
7986.00	0.220	148.830	7975.15	96.19	-97.08	-118.49	730041.52	372155.92	32°01'15.596"N	103°35'27.928"W	0.13	
8175.00	0.160	148.540	8164.15	96.72	-97.61	-118.14	730041.88	372155.39	32°01'15.590"N	103°35'27.924"W	0.03	
8364.00	0.290	216.510	8353.15	97.32	-98.21	-118.28	730041.72	372154.79	32°01'15.584"N	103°35'27.926"W	0.15	
8553.00	0.350	171.290	8542.14	98.28	-99.17	-118.48	730041.53	372153.84	32°01'15.575"N	103°35'27.928"W	0.13	
8741.00	0.350	180.400	8730.14	99.42	-100.31	-118.39	730041.61	372152.69	32°01'15.564"N	103°35'27.927"W	0.03	
8929.00	0.310	209.230	8918.14	100.43	-101.33	-118.65	730041.36	372151.68	32°01'15.554"N	103°35'27.930"W	0.09	
9117.00	0.340	307.410	9106.14	100.53	-101.43	-119.34	730040.67	372151.57	32°01'15.553"N	103°35'27.938"W	0.28	



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

WELLPATH DATA (73 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 FH90m	Comments
9306.00	0.770	358.760	9295.13	98.92	-89.82	-119.81	730040.19	372153.18	32°01'15.569"N	103°35'27.944"W	0.33	
9495.00	1.030	324.890	9484.11	96.25	-97.16	-120.82	730039.19	372155.84	32°01'15.595"N	103°35'27.955"W	0.31	
9684.00	2.630	300.370	9673.01	92.64	-93.58	-125.53	730034.47	372159.42	32°01'15.631"N	103°35'28.010"W	0.92	
9873.00	2.180	261.240	9861.85	90.94	-91.94	-132.83	730027.18	372161.07	32°01'15.648"N	103°35'28.094"W	0.88	
10062.00	2.190	238.370	10050.72	93.33	-84.38	-139.46	730020.55	372158.63	32°01'15.624"N	103°35'28.174"W	0.46	
10251.00	2.450	238.720	10239.56	97.39	-98.49	-145.91	730014.10	372154.52	32°01'15.584"N	103°35'28.247"W	0.14	
10440.00	1.850	240.200	10428.43	101.08	-102.22	-151.93	730008.07	372150.78	32°01'15.547"N	103°35'28.317"W	0.32	
10629.00	1.410	229.900	10617.35	104.06	-105.23	-156.36	730003.65	372147.77	32°01'15.518"N	103°35'28.369"W	0.28	
10819.00	1.730	238.340	10807.28	107.04	-108.25	-160.59	729999.42	372144.76	32°01'15.488"N	103°35'28.418"W	0.21	
11009.00	1.780	257.320	10997.19	109.14	-110.39	-165.88	729994.13	372142.81	32°01'15.467"N	103°35'28.480"W	0.30	
11104.00	2.450	267.050	11092.13	109.54	-110.82	-169.33	729990.68	372142.19	32°01'15.463"N	103°35'28.520"W	0.82	
11137.00	2.840	268.110	11125.09	109.59	-110.88	-170.85	729989.16	372142.12	32°01'15.463"N	103°35'28.537"W	1.19	12 1/4 BH MWD 945' - 11137'
11203.00	2.840	268.110	11191.01	109.68	-110.99	-174.12	729985.89	372142.02	32°01'15.462"N	103°35'28.575"W	0.00	Projection to TD: 11203'

HOLE & CASING SECTIONS

- Ref Wellbore: SD EA 29 FED COM P8 9H PWB Ref Wellpath: SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'									
String/Diameter	Start MD (ft)	End MD (ft)	Interval (ft)	Start TVD (ft)	End TVD (ft)	Start N/S (ft)	Start E/W (ft)	End N/S (ft)	End E/W (ft)
9.625in Casing	32.60	11187.00	11154.40	32.60	11175.03	0.00	0.00	-110.96	-173.32
11.375in Casing	32.60	838.00	805.40	32.60	837.88	0.00	0.00	9.98	7.97



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
SD EA 29 FED COM P8 9H Ip1	12343.12	-1773.66	104.32	730264.31	370479.40	32°00'58.990"N	103°35'25.474"W	point
SD EA 29 FED COM P8 9H Ip2	12356.35	-2735.29	111.70	730271.70	369517.80	32°00'49.473"N	103°35'25.465"W	point
SD EA 29 FED COM P8 9H Ip3	12370.82	-3658.02	118.82	730278.81	368595.10	32°00'40.342"N	103°35'25.456"W	point
SD EA 29 FED COM P8 9H Ip4	12380.15	-4346.24	124.06	730284.05	367906.90	32°00'33.531"N	103°35'25.450"W	point
SD EA 29 FED COM P8 9H Ip5	12382.73	-4686.35	126.74	730286.73	367566.80	32°00'30.166"N	103°35'25.446"W	point
SD EA 29 FED COM P8 9H Ip6	12383.97	-5173.77	130.44	730290.44	367079.40	32°00'25.342"N	103°35'25.442"W	point
SD EA 29 FED COM P8 9H Ip7	12384.19	-5670.88	134.25	730294.25	366582.30	32°00'20.423"N	103°35'25.438"W	point
SD EA 29 FED COM P8 9H Ip8	12385.32	-6067.40	137.38	730297.38	366185.80	32°00'16.499"N	103°35'25.433"W	point
SD EA 29 FED COM P8 9H Ip9	12388.68	-6512.21	140.80	730300.80	365741.00	32°00'12.097"N	103°35'25.429"W	point
SD EA 29 FED COM P8 9H Ip10	12397.12	-7173.83	145.88	730305.88	365079.40	32°00'05.549"N	103°35'25.423"W	point
SD EA 29 FED COM P8 9H PBHL rev 5	12402.18	-7511.95	149.46	730309.45	364741.29	32°00'02.203"N	103°35'25.408"W	point



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

WELLPATH COMPOSITION - Ref Wellbore: SD EA 29 FED COM P8 9H PWB Ref Wellpath: SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
32.60	808.00	BHI Genenc gyro - northseeking (Standard)	Imported Gyro 195' - 808'	SD EA 29 FED COM P8 9H PWB
808.00	11137.00	BHI NaviTrak (Axial)	12 1/4 BH MWD 945' - 11137'	SD EA 29 FED COM P8 9H PWB
11137.00	11203.00	Blind Drilling (std)	Projection to bit	SD EA 29 FED COM P8 9H PWB



Actual Wellpath Report

SD EA 29 Federal COM P8 No. 9H awp 195' - 11137' Proj: 11203'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Chevron U.S.A. Inc.	Slot	SD EA 29 FED COM P8 9H
Area	Lea County, NM	Well	SD EA 29 Federal COM P8 No. 9H
Field	Bone Spring (Lea County, NM) NAD 27	Wellbore	SD EA 29 FED COM P8 9H PWB
Facility	SD EA 29 Fed Com P8		

COMMENTS

Wellpath general comments

Well: SD EA 29 Federal COM P8 No. 9H
Field: Bone Spring
Rig: Nabors X30
Location: Lea Co., NM
API: 30-025-43268-00
Latitude: 32° 01' 16.548" N
Longitude: 103° 35' 26.544" W
DF Elevation: 3284.6 feet
Elev. GL: 3252 feet
Proposed Direction: 179.57°
PBHL: 11203 feet
Duration: 12/30/2017-1/12/2018
FSE's: D. Hardeman
SO#: 8793343
12 1/4 BH MWD 945' - 11137'
Projection to TD: 11203'