



Devon Energy

Location: Lea County, NM
Field: (Ragin Cajun) Sec 12, T26S, R34E
Facility: Ragin Cajun 12 Federal No.1H

Slot: No.1H SHL
Well: No.1H
Wellbore: No.1H PWB

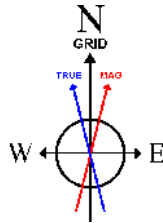


Well Profile Data

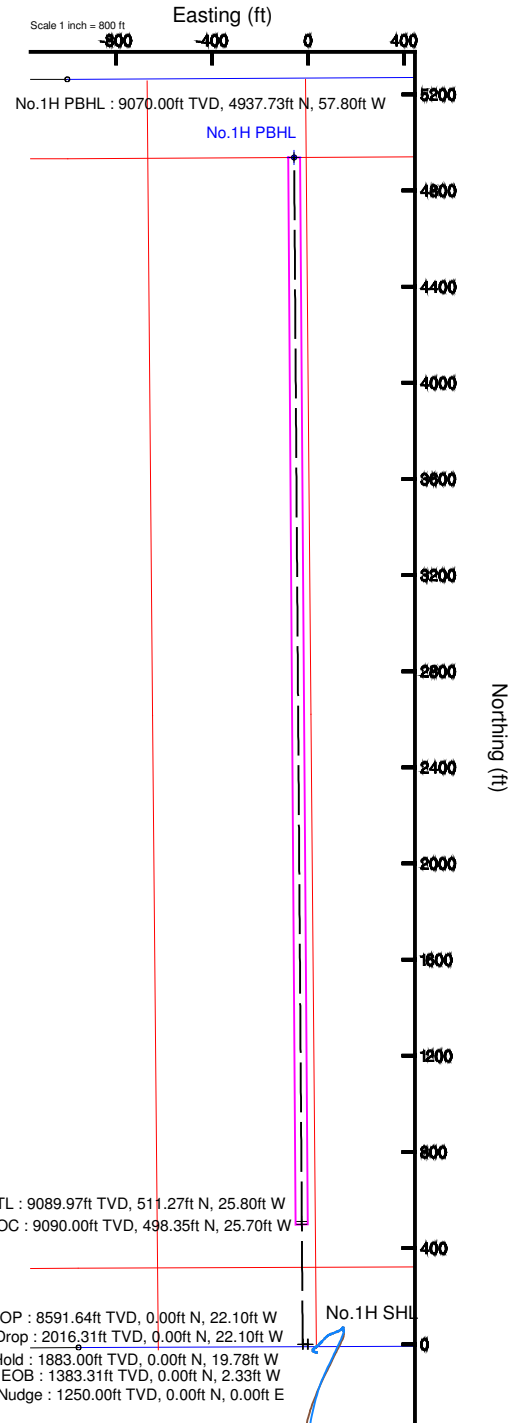
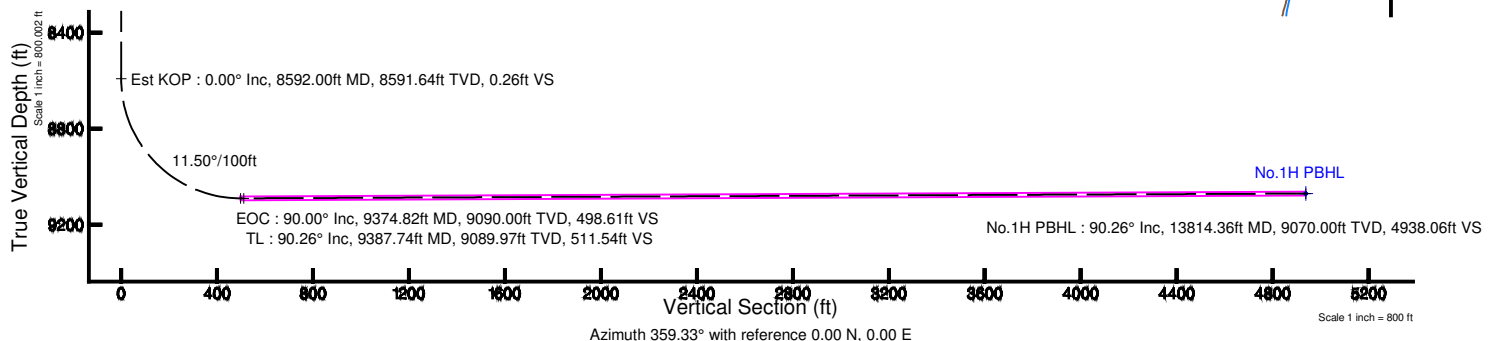
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	25.00	0.000	270.000	25.00	0.00	0.00	0.00	0.00
Nudge	1250.00	0.000	270.000	1250.00	0.00	0.00	0.00	0.00
EOB	1383.33	2.000	270.000	1383.31	0.00	-2.33	1.50	0.03
Hold	1883.33	2.000	270.000	1883.00	0.00	-19.78	0.00	0.23
End of Drop	2016.67	0.000	359.586	2016.31	0.00	-22.10	1.50	0.26
Est KOP	8592.00	0.000	359.586	8591.64	0.00	-22.10	0.00	0.26
EOC	9374.82	90.000	359.586	9090.00	498.35	-25.70	11.50	498.61
TL	9387.74	90.258	359.586	9089.97	511.27	-25.80	2.00	511.54
No.1H PBHL	13814.36	90.258	359.586	9070.00	4937.73	-57.80	0.00	4938.06

Plot reference wellpath is Rev-B.0

True vertical depths are referenced to Rig on No.1H SHL (KB)	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No.1H SHL (KB)	North Reference: Grid north
Rig on No.1H SHL (KB) to Mean Sea Level: 3305.9 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: No.1H SHL): -3280.9 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: gentbry on 12/10/2013



BGGM (1945.0 to 2015.0) Dip: 59.98° Field: 48266.4 nT
Magnetic North is 7.30 degrees East of True North (at 12/9/2013)
Grid North is 0.48 degrees East of True North
To correct azimuth from True to Grid subtract 0.48 degrees
To correct azimuth from Magnetic to Grid add 6.82 degrees



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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.1H SHL
Area	Lea County, NM	Well	No.1H
Field	(Ragin Cajun) Sec 12, T26S, R34E	Wellbore	No.1H PWB
Facility	Ragin Cajun 12 Federal No.1H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 4.0.1
North Reference	Grid	User	Gentbry
Scale	1	Report Generated	12/10/2013 at 2:34:04 PM
Convergence at slot	0.48° East	Database/Source file	MidlandDB/No.1H_PWB.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	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W
Facility Reference Pt			824135.11	383364.89	32°03'02.389"N	103°25'14.025"W
Field Reference Pt			824135.11	383364.89	32°03'02.389"N	103°25'14.025"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No.1H SHL (KB) to Facility Vertical Datum	25.00ft
Horizontal Reference Pt	Slot	Rig on No.1H SHL (KB) to Mean Sea Level	3305.90ft
Vertical Reference Pt	Rig on No.1H SHL (KB)	Rig on No.1H SHL (KB) to Mud Line at Slot (No.1H SHL)	25.00ft
MD Reference Pt	Rig on No.1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.33°



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Area	Lea County, NM	Well	No.1H
Field	(Ragin Cajun) Sec 12, T26S, R34E	Wellbore	No.1H PWB
Facility	Ragin Cajun 12 Federal No.1H		

WELLPATH DATA (147 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	270.000	0.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
25.00	0.000	270.000	25.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	Tie On
125.00†	0.000	270.000	125.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
225.00†	0.000	270.000	225.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
325.00†	0.000	270.000	325.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
425.00†	0.000	270.000	425.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
525.00†	0.000	270.000	525.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
625.00†	0.000	270.000	625.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
725.00†	0.000	270.000	725.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
825.00†	0.000	270.000	825.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
925.00†	0.000	270.000	925.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
1025.00†	0.000	270.000	1025.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
1125.00†	0.000	270.000	1125.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
1225.00†	0.000	270.000	1225.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	
1250.00	0.000	270.000	1250.00	0.00	0.00	0.00	824135.11	383364.89	32°03'02.389"N	103°25'14.025"W	0.00	Nudge
1325.00†	1.125	270.000	1325.00	0.01	0.00	-0.74	824134.37	383364.89	32°03'02.389"N	103°25'14.034"W	1.50	
1383.33	2.000	270.000	1383.31	0.03	0.00	-2.33	824132.78	383364.89	32°03'02.390"N	103°25'14.052"W	1.50	EOB
1425.00†	2.000	270.000	1424.95	0.04	0.00	-3.78	824131.33	383364.89	32°03'02.390"N	103°25'14.069"W	0.00	
1525.00†	2.000	270.000	1524.89	0.09	0.00	-7.27	824127.84	383364.89	32°03'02.390"N	103°25'14.110"W	0.00	
1625.00†	2.000	270.000	1624.83	0.13	0.00	-10.76	824124.35	383364.89	32°03'02.390"N	103°25'14.150"W	0.00	
1725.00†	2.000	270.000	1724.76	0.17	0.00	-14.25	824120.86	383364.89	32°03'02.391"N	103°25'14.191"W	0.00	
1825.00†	2.000	270.000	1824.70	0.21	0.00	-17.74	824117.37	383364.89	32°03'02.391"N	103°25'14.231"W	0.00	
1883.33	2.000	270.000	1883.00	0.23	0.00	-19.78	824115.33	383364.89	32°03'02.391"N	103°25'14.255"W	0.00	Hold
1925.00†	1.375	270.000	1924.65	0.25	0.00	-21.00	824114.11	383364.89	32°03'02.391"N	103°25'14.269"W	1.50	
2016.67	0.000	359.586	2016.31	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	1.50	End of Drop
2025.00†	0.000	359.586	2024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2125.00†	0.000	359.586	2124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2225.00†	0.000	359.586	2224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2325.00†	0.000	359.586	2324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2425.00†	0.000	359.586	2424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2525.00†	0.000	359.586	2524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2625.00†	0.000	359.586	2624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2725.00†	0.000	359.586	2724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2825.00†	0.000	359.586	2824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
2925.00†	0.000	359.586	2924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3025.00†	0.000	359.586	3024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3125.00†	0.000	359.586	3124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3225.00†	0.000	359.586	3224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3325.00†	0.000	359.586	3324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3425.00†	0.000	359.586	3424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3525.00†	0.000	359.586	3524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3625.00†	0.000	359.586	3624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3725.00†	0.000	359.586	3724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3825.00†	0.000	359.586	3824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
3925.00†	0.000	359.586	3924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	



Planned Wellpath Report

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Area	Lea County, NM	Well	No.1H
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Facility	Ragin Cajun 12 Federal No.1H		

WELLPATH DATA (147 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
4025.00†	0.000	359.586	4024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4125.00†	0.000	359.586	4124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4225.00†	0.000	359.586	4224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4325.00†	0.000	359.586	4324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4425.00†	0.000	359.586	4424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4525.00†	0.000	359.586	4524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4625.00†	0.000	359.586	4624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4725.00†	0.000	359.586	4724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4825.00†	0.000	359.586	4824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
4925.00†	0.000	359.586	4924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5025.00†	0.000	359.586	5024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5125.00†	0.000	359.586	5124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5225.00†	0.000	359.586	5224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5325.00†	0.000	359.586	5324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5425.00†	0.000	359.586	5424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5525.00†	0.000	359.586	5524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5625.00†	0.000	359.586	5624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5725.00†	0.000	359.586	5724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5825.00†	0.000	359.586	5824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
5925.00†	0.000	359.586	5924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6025.00†	0.000	359.586	6024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6125.00†	0.000	359.586	6124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6225.00†	0.000	359.586	6224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6325.00†	0.000	359.586	6324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6425.00†	0.000	359.586	6424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6525.00†	0.000	359.586	6524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6625.00†	0.000	359.586	6624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6725.00†	0.000	359.586	6724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6825.00†	0.000	359.586	6824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
6925.00†	0.000	359.586	6924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7025.00†	0.000	359.586	7024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7125.00†	0.000	359.586	7124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7225.00†	0.000	359.586	7224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7325.00†	0.000	359.586	7324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7425.00†	0.000	359.586	7424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7525.00†	0.000	359.586	7524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7625.00†	0.000	359.586	7624.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7725.00†	0.000	359.586	7724.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7825.00†	0.000	359.586	7824.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
7925.00†	0.000	359.586	7924.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8025.00†	0.000	359.586	8024.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8125.00†	0.000	359.586	8124.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8225.00†	0.000	359.586	8224.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8325.00†	0.000	359.586	8324.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8425.00†	0.000	359.586	8424.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.1H SHL
Area	Lea County, NM	Well	No.1H
Field	(Ragin Cajun) Sec 12, T26S, R34E	Wellbore	No.1H PWB
Facility	Ragin Cajun 12 Federal No.1H		

WELLPATH DATA (147 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
8525.00†	0.000	359.586	8524.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	
8592.00	0.000	359.586	8591.64	0.26	0.00	-22.10	824113.01	383364.89	32°03'02.391"N	103°25'14.282"W	0.00	Est KOP
8625.00†	3.794	359.586	8624.62	1.35	1.09	-22.11	824113.00	383365.98	32°03'02.402"N	103°25'14.282"W	11.50	
8725.00†	15.291	359.586	8723.07	17.90	17.64	-22.23	824112.88	383382.53	32°03'02.566"N	103°25'14.282"W	11.50	
8825.00†	26.788	359.586	8816.25	53.74	53.48	-22.49	824112.62	383418.37	32°03'02.920"N	103°25'14.281"W	11.50	
8925.00†	38.285	359.586	8900.41	107.43	107.17	-22.88	824112.23	383472.06	32°03'03.452"N	103°25'14.281"W	11.50	
9025.00†	49.782	359.586	8972.18	176.82	176.56	-23.38	824111.73	383541.45	32°03'04.138"N	103°25'14.280"W	11.50	
9125.00†	61.278	359.586	9028.68	259.13	258.86	-23.97	824111.14	383623.75	32°03'04.953"N	103°25'14.278"W	11.50	
9225.00†	72.775	359.586	9067.65	351.04	350.78	-24.64	824110.47	383715.67	32°03'05.862"N	103°25'14.277"W	11.50	
9325.00†	84.272	359.586	9087.51	448.88	448.61	-25.35	824109.76	383813.50	32°03'06.830"N	103°25'14.276"W	11.50	
9374.82	90.000	359.586	9090.00	498.61	498.35	-25.70	824109.41	383863.24	32°03'07.323"N	103°25'14.275"W	11.50	EOC
9387.74	90.258	359.586	9089.97	511.54	511.27	-25.80	824109.31	383876.16	32°03'07.451"N	103°25'14.275"W	2.00	TL
9425.00†	90.258	359.586	9089.80	548.79	548.52	-26.07	824109.04	383913.41	32°03'07.819"N	103°25'14.274"W	0.00	
9525.00†	90.258	359.586	9089.35	648.79	648.52	-26.79	824108.32	384013.41	32°03'08.809"N	103°25'14.273"W	0.00	
9625.00†	90.258	359.586	9088.90	748.79	748.52	-27.51	824107.60	384113.41	32°03'09.798"N	103°25'14.271"W	0.00	
9725.00†	90.258	359.586	9088.45	848.79	848.51	-28.24	824106.87	384213.40	32°03'10.788"N	103°25'14.270"W	0.00	
9825.00†	90.258	359.586	9088.00	948.78	948.51	-28.96	824106.15	384313.40	32°03'11.777"N	103°25'14.269"W	0.00	
9925.00†	90.258	359.586	9087.55	1048.78	1048.51	-29.68	824105.43	384413.39	32°03'12.767"N	103°25'14.267"W	0.00	
10025.00†	90.258	359.586	9087.10	1148.78	1148.50	-30.40	824104.71	384513.39	32°03'13.756"N	103°25'14.266"W	0.00	
10125.00†	90.258	359.586	9086.64	1248.78	1248.50	-31.13	824103.98	384613.39	32°03'14.746"N	103°25'14.264"W	0.00	
10225.00†	90.258	359.586	9086.19	1348.78	1348.49	-31.85	824103.26	384713.38	32°03'15.735"N	103°25'14.263"W	0.00	
10325.00†	90.258	359.586	9085.74	1448.77	1448.49	-32.57	824102.54	384813.38	32°03'16.725"N	103°25'14.261"W	0.00	
10425.00†	90.258	359.586	9085.29	1548.77	1548.49	-33.30	824101.81	384913.38	32°03'17.714"N	103°25'14.260"W	0.00	
10525.00†	90.258	359.586	9084.84	1648.77	1648.48	-34.02	824101.09	385013.37	32°03'18.704"N	103°25'14.259"W	0.00	
10625.00†	90.258	359.586	9084.39	1748.77	1748.48	-34.74	824100.37	385113.37	32°03'19.694"N	103°25'14.257"W	0.00	
10725.00†	90.258	359.586	9083.94	1848.77	1848.48	-35.47	824099.64	385213.36	32°03'20.683"N	103°25'14.256"W	0.00	
10825.00†	90.258	359.586	9083.49	1948.76	1948.47	-36.19	824098.92	385313.36	32°03'21.673"N	103°25'14.254"W	0.00	
10925.00†	90.258	359.586	9083.04	2048.76	2048.47	-36.91	824098.20	385413.36	32°03'22.662"N	103°25'14.253"W	0.00	
11025.00†	90.258	359.586	9082.58	2148.76	2148.47	-37.63	824097.48	385513.35	32°03'23.652"N	103°25'14.251"W	0.00	
11125.00†	90.258	359.586	9082.13	2248.76	2248.46	-38.36	824096.75	385613.35	32°03'24.641"N	103°25'14.250"W	0.00	
11225.00†	90.258	359.586	9081.68	2348.76	2348.46	-39.08	824096.03	385713.35	32°03'25.631"N	103°25'14.249"W	0.00	
11325.00†	90.258	359.586	9081.23	2448.75	2448.45	-39.80	824095.31	385813.34	32°03'26.620"N	103°25'14.247"W	0.00	
11425.00†	90.258	359.586	9080.78	2548.75	2548.45	-40.53	824094.58	385913.34	32°03'27.610"N	103°25'14.246"W	0.00	
11525.00†	90.258	359.586	9080.33	2648.75	2648.45	-41.25	824093.86	386013.33	32°03'28.599"N	103°25'14.244"W	0.00	
11625.00†	90.258	359.586	9079.88	2748.75	2748.44	-41.97	824093.14	386113.33	32°03'29.589"N	103°25'14.243"W	0.00	
11725.00†	90.258	359.586	9079.43	2848.75	2848.44	-42.70	824092.42	386213.33	32°03'30.578"N	103°25'14.242"W	0.00	
11825.00†	90.258	359.586	9078.98	2948.74	2948.44	-43.42	824091.69	386313.32	32°03'31.568"N	103°25'14.240"W	0.00	
11925.00†	90.258	359.586	9078.52	3048.74	3048.43	-44.14	824090.97	386413.32	32°03'32.557"N	103°25'14.239"W	0.00	
12025.00†	90.258	359.586	9078.07	3148.74	3148.43	-44.86	824090.25	386513.32	32°03'33.547"N	103°25'14.237"W	0.00	
12125.00†	90.258	359.586	9077.62	3248.74	3248.43	-45.59	824089.52	386613.31	32°03'34.536"N	103°25'14.236"W	0.00	
12225.00†	90.258	359.586	9077.17	3348.73	3348.42	-46.31	824088.80	386713.31	32°03'35.526"N	103°25'14.234"W	0.00	
12325.00†	90.258	359.586	9076.72	3448.73	3448.42	-47.03	824088.08	386813.30	32°03'36.516"N	103°25'14.233"W	0.00	
12425.00†	90.258	359.586	9076.27	3548.73	3548.41	-47.76	824087.35	386913.30	32°03'37.505"N	103°25'14.232"W	0.00	
12525.00†	90.258	359.586	9075.82	3648.73	3648.41	-48.48	824086.63	387013.30	32°03'38.495"N	103°25'14.230"W	0.00	
12625.00†	90.258	359.586	9075.37	3748.73	3748.41	-49.20	824085.91	387113.29	32°03'39.484"N	103°25'14.229"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No.1H SHL
Area	Lea County, NM	Well	No.1H
Field	(Ragin Cajun) Sec 12, T26S, R34E	Wellbore	No.1H PWB
Facility	Ragin Cajun 12 Federal No.1H		

WELLPATH DATA (147 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
12725.00†	90.258	359.586	9074.91	3848.72	3848.40	-49.92	824085.19	387213.29	32°03'40.474"N	103°25'14.227"W	0.00	
12825.00†	90.258	359.586	9074.46	3948.72	3948.40	-50.65	824084.46	387313.29	32°03'41.463"N	103°25'14.226"W	0.00	
12925.00†	90.258	359.586	9074.01	4048.72	4048.40	-51.37	824083.74	387413.28	32°03'42.453"N	103°25'14.224"W	0.00	
13025.00†	90.258	359.586	9073.56	4148.72	4148.39	-52.09	824083.02	387513.28	32°03'43.442"N	103°25'14.223"W	0.00	
13125.00†	90.258	359.586	9073.11	4248.72	4248.39	-52.82	824082.29	387613.27	32°03'44.432"N	103°25'14.222"W	0.00	
13225.00†	90.258	359.586	9072.66	4348.71	4348.39	-53.54	824081.57	387713.27	32°03'45.421"N	103°25'14.220"W	0.00	
13325.00†	90.258	359.586	9072.21	4448.71	4448.38	-54.26	824080.85	387813.27	32°03'46.411"N	103°25'14.219"W	0.00	
13425.00†	90.258	359.586	9071.76	4548.71	4548.38	-54.99	824080.12	387913.26	32°03'47.400"N	103°25'14.217"W	0.00	
13525.00†	90.258	359.586	9071.31	4648.71	4648.38	-55.71	824079.40	388013.26	32°03'48.390"N	103°25'14.216"W	0.00	
13625.00†	90.258	359.586	9070.85	4748.71	4748.37	-56.43	824078.68	388113.26	32°03'49.379"N	103°25'14.214"W	0.00	
13725.00†	90.258	359.586	9070.40	4848.70	4848.37	-57.15	824077.96	388213.25	32°03'50.369"N	103°25'14.213"W	0.00	
13814.36	90.258	359.586	9070.00 ¹	4938.06	4937.73	-57.80	824077.31	388302.61	32°03'51.253"N	103°25'14.212"W	0.00	No.1H PBHL

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) No.1H PBHL	13814.36	9070.00	4937.73	-57.80	824077.31	388302.61	32°03'51.253"N	103°25'14.212"W	rectangle

SURVEY PROGRAM - Ref Wellbore: No.1H PWB Ref Wellpath: Rev-B.0

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	13814.36	NaviTrak (Standard)		No.1H PWB