

DEVON ENERGY

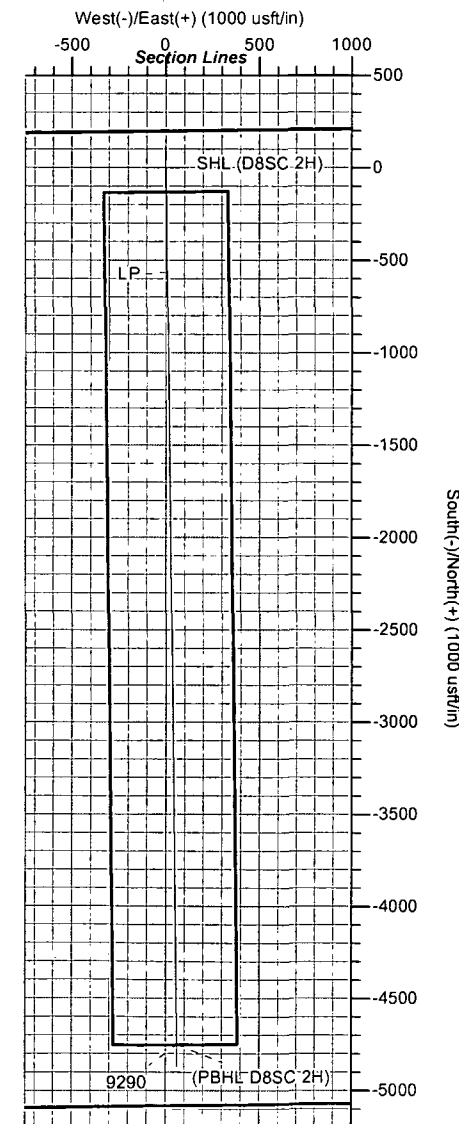
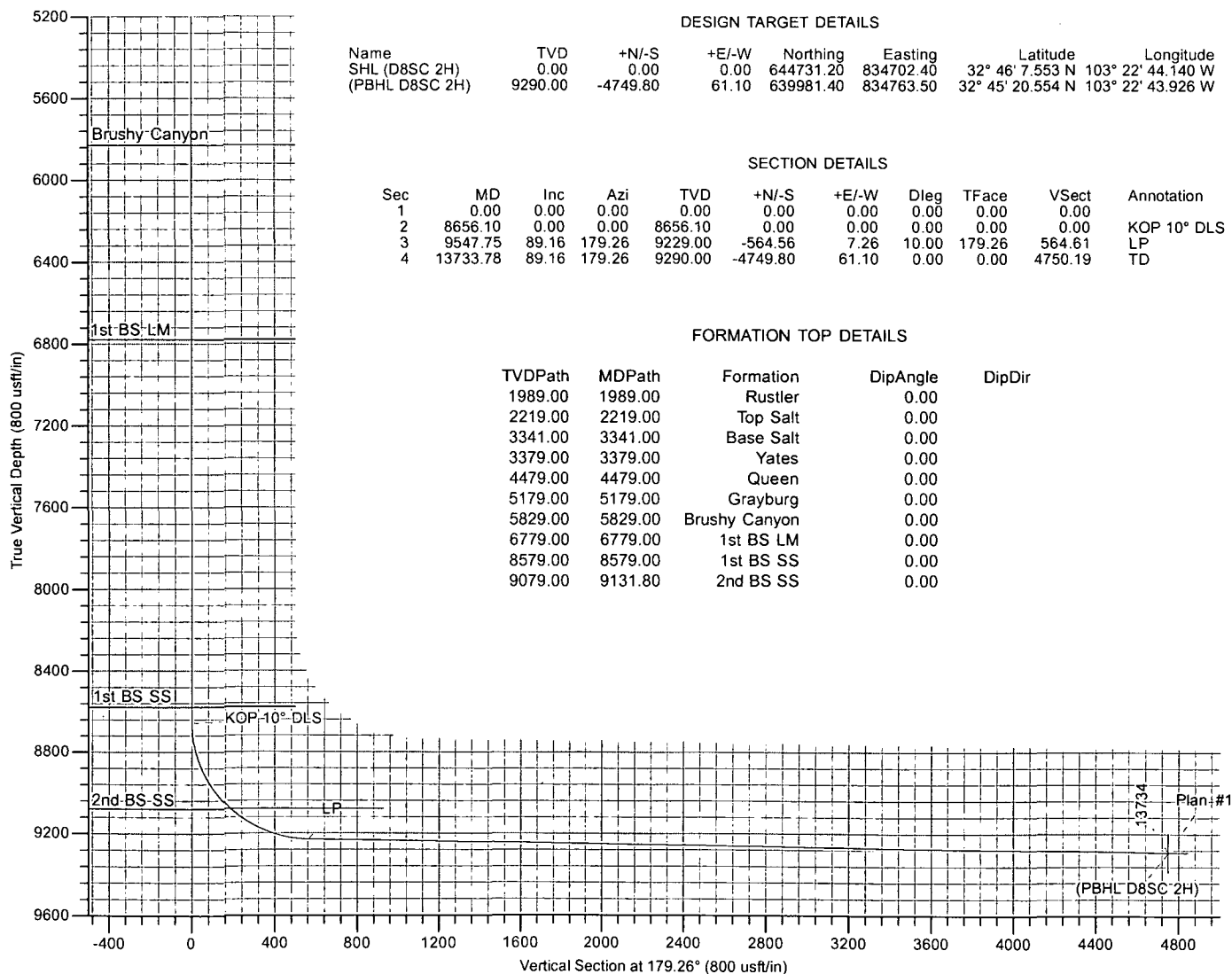
Project: Lea County, NM (NAD-83)
 Site: Doppiebock 8 State Com
 Well: 2H
 Wellbore: OH
 Design: Plan #1



Azimuths to Grid North
 True North: -0.52°
 Magnetic North: 6.76°

Magnetic Field
 Strength: 48599.7snT
 Dip Angle: 60.63°
 Date: 12/10/2014
 Model: BGGM2014

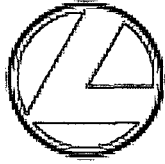
PROJECT DETAILS: Lea County, NM (NAD-83)
 Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone



LEAM DRILLING SYSTEMS LLC
 2010 East Davis, Conroe, Texas 77301
 Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #1 (2H/OH)
 Doppiebock 8 State Com
 Created By: Brady Deaver
 Date: 14:37, December 10 2014
 Approved: _____
 Date: _____

FEB 24 2015



LEAM
Drilling Systems, Inc.

DEVON ENERGY

Lea County, NM (NAD-83)
Dopplebock 8 State Com
2H

OH

Plan: Plan #1

Standard Planning Report

10 December, 2014


devon

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	Mean Sea Level (System)
Project:	Lea County, NM (NAD-83)	MD Reference:	Mean Sea Level (System)
Site:	Dopplebock 8 State Com	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Lea County, NM (NAD-83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Dopplebock 8 State Com				
Site Position:		Northing:	644,731.20 usft	Latitude:	32° 46' 7.553 N
From:	Map	Easting:	834,702.40 usft	Longitude:	103° 22' 44.140 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.52 °

Well	2H, 2nd BS SS					
Well Position	+N/-S	0.00 usft	Northing:	644,731.20 usft	Latitude:	32° 46' 7.553 N
	+E/-W	0.00 usft	Easting:	834,702.40 usft	Longitude:	103° 22' 44.140 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	0.00 usft

Wellbore	OH				
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2014	12/10/2014	7.28	60.63	48,600

Design	Plan #1				
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.26

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8,656.10	0.00	0.00	8,656.10	0.00	0.00	0.00	0.00	0.00	0.00	
9,547.75	89.17	179.26	9,229.00	-564.56	7.26	10.00	10.00	20.10	179.26	
13,733.78	89.17	179.26	9,290.00	-4,749.80	61.10	0.00	0.00	0.00	0.00 (PBHL D8SC 2H)	

Database: EDM 5000.1 Single User Db
Company: DEVON ENERGY
Project: Lea County, NM (NAD-83)
Site: Dapplebock 8 State Com
Well: 2H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well 2H
TVD Reference: Mean Sea Level (System)
MD Reference: Mean Sea Level (System)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHL (D8SC 2H)									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,989.00	0.00	0.00	1,989.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,219.00	0.00	0.00	2,219.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt									
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,341.00	0.00	0.00	3,341.00	0.00	0.00	0.00	0.00	0.00	0.00
Base Salt									
3,379.00	0.00	0.00	3,379.00	0.00	0.00	0.00	0.00	0.00	0.00
Yates									
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00

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MD Reference: Mean Sea Level (System)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,479.00	0.00	0.00	4,479.00	0.00	0.00	0.00	0.00	0.00	0.00
Queen									
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,179.00	0.00	0.00	5,179.00	0.00	0.00	0.00	0.00	0.00	0.00
Grayburg									
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,829.00	0.00	0.00	5,829.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Canyon									
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,779.00	0.00	0.00	6,779.00	0.00	0.00	0.00	0.00	0.00	0.00
1st BS LM									
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,579.00	0.00	0.00	8,579.00	0.00	0.00	0.00	0.00	0.00	0.00
1st BS SS									
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,656.10	0.00	0.00	8,656.10	0.00	0.00	0.00	0.00	0.00	0.00

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TVD Reference: Mean Sea Level (System)
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North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
KOP 10° DLS									
8,700.00	4.39	179.26	8,699.96	-1.68	0.02	1.68	10.00	10.00	0.00
8,750.00	9.39	179.26	8,749.58	-7.68	0.10	7.68	10.00	10.00	0.00
8,800.00	14.39	179.26	8,798.49	-17.97	0.23	17.98	10.00	10.00	0.00
8,850.00	19.39	179.26	8,846.32	-32.50	0.42	32.50	10.00	10.00	0.00
8,900.00	24.39	179.26	8,892.70	-51.13	0.66	51.13	10.00	10.00	0.00
8,950.00	29.39	179.26	8,937.28	-73.73	0.95	73.74	10.00	10.00	0.00
9,000.00	34.39	179.26	8,979.72	-100.14	1.29	100.15	10.00	10.00	0.00
9,050.00	39.39	179.26	9,019.70	-130.14	1.67	130.15	10.00	10.00	0.00
9,100.00	44.39	179.26	9,056.91	-163.51	2.10	163.53	10.00	10.00	0.00
9,131.80	47.57	179.26	9,079.00	-186.37	2.40	186.39	10.00	10.00	0.00
2nd BS SS									
9,150.00	49.39	179.26	9,091.07	-200.00	2.57	200.02	10.00	10.00	0.00
9,200.00	54.39	179.26	9,121.91	-239.32	3.08	239.34	10.00	10.00	0.00
9,250.00	59.39	179.26	9,149.22	-281.19	3.62	281.21	10.00	10.00	0.00
9,300.00	64.39	179.26	9,172.77	-325.27	4.18	325.30	10.00	10.00	0.00
9,350.00	69.39	179.26	9,192.39	-371.24	4.78	371.27	10.00	10.00	0.00
9,400.00	74.39	179.26	9,207.92	-418.75	5.39	418.78	10.00	10.00	0.00
9,450.00	79.39	179.26	9,219.26	-467.42	6.01	467.46	10.00	10.00	0.00
9,500.00	84.39	179.26	9,226.31	-516.90	6.65	516.95	10.00	10.00	0.00
9,547.75	89.17	179.26	9,229.00	-564.56	7.26	564.61	10.00	10.00	0.00
LP									
9,600.00	89.17	179.26	9,229.76	-616.80	7.93	616.85	0.00	0.00	0.00
9,700.00	89.17	179.26	9,231.22	-716.78	9.22	716.84	0.00	0.00	0.00
9,800.00	89.17	179.26	9,232.67	-816.76	10.51	816.83	0.00	0.00	0.00
9,900.00	89.17	179.26	9,234.13	-916.74	11.79	916.82	0.00	0.00	0.00
10,000.00	89.17	179.26	9,235.59	-1,016.73	13.08	1,016.81	0.00	0.00	0.00
10,100.00	89.17	179.26	9,237.05	-1,116.71	14.36	1,116.80	0.00	0.00	0.00
10,200.00	89.17	179.26	9,238.50	-1,216.69	15.65	1,216.79	0.00	0.00	0.00
10,300.00	89.17	179.26	9,239.96	-1,316.67	16.94	1,316.78	0.00	0.00	0.00
10,400.00	89.17	179.26	9,241.42	-1,416.65	18.22	1,416.77	0.00	0.00	0.00
10,500.00	89.17	179.26	9,242.87	-1,516.63	19.51	1,516.76	0.00	0.00	0.00
10,600.00	89.17	179.26	9,244.33	-1,616.61	20.80	1,616.75	0.00	0.00	0.00
10,700.00	89.17	179.26	9,245.79	-1,716.59	22.08	1,716.74	0.00	0.00	0.00
10,800.00	89.17	179.26	9,247.25	-1,816.57	23.37	1,816.73	0.00	0.00	0.00
10,900.00	89.17	179.26	9,248.70	-1,916.56	24.65	1,916.71	0.00	0.00	0.00
11,000.00	89.17	179.26	9,250.16	-2,016.54	25.94	2,016.70	0.00	0.00	0.00
11,100.00	89.17	179.26	9,251.62	-2,116.52	27.23	2,116.69	0.00	0.00	0.00
11,200.00	89.17	179.26	9,253.08	-2,216.50	28.51	2,216.68	0.00	0.00	0.00
11,300.00	89.17	179.26	9,254.53	-2,316.48	29.80	2,316.67	0.00	0.00	0.00
11,400.00	89.17	179.26	9,255.99	-2,416.46	31.08	2,416.66	0.00	0.00	0.00
11,500.00	89.17	179.26	9,257.45	-2,516.44	32.37	2,516.65	0.00	0.00	0.00
11,600.00	89.17	179.26	9,258.90	-2,616.42	33.66	2,616.64	0.00	0.00	0.00
11,700.00	89.17	179.26	9,260.36	-2,716.40	34.94	2,716.63	0.00	0.00	0.00
11,800.00	89.17	179.26	9,261.82	-2,816.39	36.23	2,816.62	0.00	0.00	0.00
11,900.00	89.17	179.26	9,263.28	-2,916.37	37.52	2,916.61	0.00	0.00	0.00
12,000.00	89.17	179.26	9,264.73	-3,016.35	38.80	3,016.60	0.00	0.00	0.00
12,100.00	89.17	179.26	9,266.19	-3,116.33	40.09	3,116.59	0.00	0.00	0.00
12,200.00	89.17	179.26	9,267.65	-3,216.31	41.37	3,216.58	0.00	0.00	0.00
12,300.00	89.17	179.26	9,269.11	-3,316.29	42.66	3,316.57	0.00	0.00	0.00
12,400.00	89.17	179.26	9,270.56	-3,416.27	43.95	3,416.56	0.00	0.00	0.00
12,500.00	89.17	179.26	9,272.02	-3,516.25	45.23	3,516.54	0.00	0.00	0.00
12,600.00	89.17	179.26	9,273.48	-3,616.23	46.52	3,616.53	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well 2H
Company:	DEVON ENERGY	TVD Reference:	Mean Sea Level (System)
Project:	Lea County, NM (NAD-83)	MD Reference:	Mean Sea Level (System)
Site:	Dopplebock 8 State Com	North Reference:	Grid
Well:	2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
12,700.00	89.17	179.26	9,274.93	-3,716.22	47.80	3,716.52	0.00	0.00	0.00	
12,800.00	89.17	179.26	9,276.39	-3,816.20	49.09	3,816.51	0.00	0.00	0.00	
12,900.00	89.17	179.26	9,277.85	-3,916.18	50.38	3,916.50	0.00	0.00	0.00	
13,000.00	89.17	179.26	9,279.31	-4,016.16	51.66	4,016.49	0.00	0.00	0.00	
13,100.00	89.17	179.26	9,280.76	-4,116.14	52.95	4,116.48	0.00	0.00	0.00	
13,200.00	89.17	179.26	9,282.22	-4,216.12	54.23	4,216.47	0.00	0.00	0.00	
13,300.00	89.17	179.26	9,283.68	-4,316.10	55.52	4,316.46	0.00	0.00	0.00	
13,400.00	89.17	179.26	9,285.14	-4,416.08	56.81	4,416.45	0.00	0.00	0.00	
13,500.00	89.17	179.26	9,286.59	-4,516.06	58.09	4,516.44	0.00	0.00	0.00	
13,600.00	89.17	179.26	9,288.05	-4,616.05	59.38	4,616.43	0.00	0.00	0.00	
13,700.00	89.17	179.26	9,289.51	-4,716.03	60.67	4,716.42	0.00	0.00	0.00	
13,733.78	89.17	179.26	9,290.00	-4,749.80	61.10	4,750.19	0.00	0.00	0.00	
TD - (PBHL D8SC 2H)										

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
SHL (D8SC 2H)	0.00	0.00	0.00	0.00	0.00	644,731.20	834,702.40	32° 46' 7.553 N	103° 22' 44.140 W
- plan hits target center									
- Point									
(PBHL D8SC 2H)	0.00	0.00	9,290.00	-4,749.80	61.10	639,981.40	834,763.50	32° 45' 20.554 N	103° 22' 43.926 W
- plan hits target center									
- Point									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,989.00	1,989.00	Rustler		0.00		
2,219.00	2,219.00	Top Salt		0.00		
3,341.00	3,341.00	Base Salt		0.00		
3,379.00	3,379.00	Yates		0.00		
4,479.00	4,479.00	Queen		0.00		
5,179.00	5,179.00	Grayburg		0.00		
5,829.00	5,829.00	Brushy Canyon		0.00		
6,779.00	6,779.00	1st BS LM		0.00		
8,579.00	8,579.00	1st BS SS		0.00		
9,131.80	9,079.00	2nd BS SS		0.00		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,656.10	8,656.10	0.00	0.00	KOP 10° DLS
9,547.75	9,229.00	-564.56	7.26	LP
13,733.78	9,290.00	-4,749.80	61.10	TD