

~ Proposed ~

HEADER INFORMATION -----
 COMPANY : Devon Energy, Inc.
 FIELD : Eddy County
 SITE : Bootes 15 Federal Com
 WELL : #1H
 WELLPATH: OH
 DEPTHUNT: usft

30-015-40407

 WELL INFORMATION
 WELL EW MAP : 690160.83
 WELL NS MAP : 606941.15
 DATUM ELEVN : 3568.90
 VSECT ANGLE : 179.60
 VSECT NORTH : 0.00
 VSECT EAST : 0.00

 SURVEY TYPE INFORMATION
 H 0.00 ~ 13765.99 PLAN #1 : PATHFINDER

SURVEY LIST

MD	INC	AZI	TVD	VSEC	N/S	E/W
0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00

3900.00	0.00	0.00	3900.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00
6100.00	0.00	0.00	6100.00	0.00	0.00	0.00
6200.00	0.00	0.00	6200.00	0.00	0.00	0.00
6300.00	0.00	0.00	6300.00	0.00	0.00	0.00
6400.00	0.00	0.00	6400.00	0.00	0.00	0.00
6500.00	0.00	0.00	6500.00	0.00	0.00	0.00
6600.00	0.00	0.00	6600.00	0.00	0.00	0.00
6700.00	0.00	0.00	6700.00	0.00	0.00	0.00
6800.00	0.00	0.00	6800.00	0.00	0.00	0.00
6900.00	0.00	0.00	6900.00	0.00	0.00	0.00
7000.00	0.00	0.00	7000.00	0.00	0.00	0.00
7100.00	0.00	0.00	7100.00	0.00	0.00	0.00
7200.00	0.00	0.00	7200.00	0.00	0.00	0.00
7300.00	0.00	0.00	7300.00	0.00	0.00	0.00
7400.00	0.00	0.00	7400.00	0.00	0.00	0.00
7500.00	0.00	0.00	7500.00	0.00	0.00	0.00
7600.00	0.00	0.00	7600.00	0.00	0.00	0.00
7700.00	0.00	0.00	7700.00	0.00	0.00	0.00
7800.00	0.00	0.00	7800.00	0.00	0.00	0.00
7900.00	0.00	0.00	7900.00	0.00	0.00	0.00
8000.00	0.00	0.00	8000.00	0.00	0.00	0.00
8100.00	0.00	0.00	8100.00	0.00	0.00	0.00
8200.00	0.00	0.00	8200.00	0.00	0.00	0.00
8300.00	0.00	0.00	8300.00	0.00	0.00	0.00
8400.00	0.00	0.00	8400.00	0.00	0.00	0.00
8500.00	0.00	0.00	8500.00	0.00	0.00	0.00
8547.10	0.00	0.00	8547.10	0.00	0.00	0.00
8550.00	0.29	179.60	8550.00	0.01	-0.01	0.00
8600.00	5.29	179.60	8599.92	2.44	-2.44	0.02
8650.00	10.29	179.60	8649.45	9.22	-9.22	0.06
8700.00	15.29	179.60	8698.19	20.28	-20.28	0.14
8750.00	20.29	179.60	8745.79	35.55	-35.55	0.25
8800.00	25.29	179.60	8791.87	54.91	-54.91	0.39
8850.00	30.29	179.60	8836.09	78.22	-78.22	0.55
8900.00	35.29	179.60	8878.11	105.29	-105.29	0.74
8950.00	40.29	179.60	8917.61	135.92	-135.91	0.96
9000.00	45.29	179.60	8954.29	169.87	-169.87	1.19
9050.00	50.29	179.60	8987.87	206.89	-206.89	1.46
9100.00	55.29	179.60	9018.10	246.70	-246.70	1.74

9150.00	60.29	179.60	9044.74	288.99	-288.99	2.03
9200.00	65.29	179.60	9067.60	333.45	-333.44	2.35
9250.00	70.29	179.60	9086.49	379.72	-379.71	2.67
9300.00	75.29	179.60	9101.28	427.47	-427.46	3.01
9350.00	80.29	179.60	9111.85	476.32	-476.31	3.35
9400.00	85.29	179.60	9118.12	525.91	-525.90	3.70
9440.48	89.34	179.60	9120.02	566.34	-566.32	3.98
9500.00	89.34	179.60	9120.71	625.85	-625.84	4.40
9600.00	89.34	179.60	9121.86	725.85	-725.83	5.11
9700.00	89.34	179.60	9123.02	825.84	-825.82	5.81
9800.00	89.34	179.60	9124.17	925.83	-925.81	6.51
9900.00	89.34	179.60	9125.33	1025.83	-1025.80	7.22
10000.00	89.34	179.60	9126.48	1125.82	-1125.79	7.92
10100.00	89.34	179.60	9127.64	1225.81	-1225.78	8.62
10200.00	89.34	179.60	9128.80	1325.81	-1325.77	9.33
10300.00	89.34	179.60	9129.95	1425.80	-1425.77	10.03
10400.00	89.34	179.60	9131.11	1525.79	-1525.76	10.73
10500.00	89.34	179.60	9132.26	1625.79	-1625.75	11.44
10600.00	89.34	179.60	9133.42	1725.78	-1725.74	12.14
10700.00	89.34	179.60	9134.57	1825.77	-1825.73	12.84
10800.00	89.34	179.60	9135.73	1925.77	-1925.72	13.55
10900.00	89.34	179.60	9136.88	2025.76	-2025.71	14.25
11000.00	89.34	179.60	9138.04	2125.75	-2125.70	14.95
11100.00	89.34	179.60	9139.19	2225.75	-2225.69	15.66
11200.00	89.34	179.60	9140.35	2325.74	-2325.68	16.36
11300.00	89.34	179.60	9141.51	2425.73	-2425.67	17.06
11400.00	89.34	179.60	9142.66	2525.73	-2525.66	17.77
11500.00	89.34	179.60	9143.82	2625.72	-2625.66	18.47
11600.00	89.34	179.60	9144.97	2725.71	-2725.65	19.17
11700.00	89.34	179.60	9146.13	2825.71	-2825.64	19.88
11800.00	89.34	179.60	9147.28	2925.70	-2925.63	20.58
11900.00	89.34	179.60	9148.44	3025.69	-3025.62	21.28
12000.00	89.34	179.60	9149.59	3125.69	-3125.61	21.99
12100.00	89.34	179.60	9150.75	3225.68	-3225.60	22.69
12200.00	89.34	179.60	9151.90	3325.67	-3325.59	23.39
12300.00	89.34	179.60	9153.06	3425.67	-3425.58	24.10
12400.00	89.34	179.60	9154.22	3525.66	-3525.57	24.80
12500.00	89.34	179.60	9155.37	3625.65	-3625.56	25.50
12600.00	89.34	179.60	9156.53	3725.65	-3725.55	26.21
12700.00	89.34	179.60	9157.68	3825.64	-3825.55	26.91
12800.00	89.34	179.60	9158.84	3925.63	-3925.54	27.61
12900.00	89.34	179.60	9159.99	4025.63	-4025.53	28.32
13000.00	89.34	179.60	9161.15	4125.62	-4125.52	29.02
13100.00	89.34	179.60	9162.30	4225.61	-4225.51	29.72
13200.00	89.34	179.60	9163.46	4325.61	-4325.50	30.43
13300.00	89.34	179.60	9164.61	4425.60	-4425.49	31.13
13400.00	89.34	179.60	9165.77	4525.59	-4525.48	31.83
13500.00	89.34	179.60	9166.93	4625.59	-4625.47	32.54
13600.00	89.34	179.60	9168.08	4725.58	-4725.46	33.24
13700.00	89.34	179.60	9169.24	4825.57	-4825.45	33.95
13766.09	89.34	179.60	9170.00	4891.66	-4891.54	34.41



PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid



Azimuths to Grid North
True North: -0.26°
Magnetic North: 7.39°

Magnetic Field
Strength: 48818.1snT
Dip Angle: 60.56°
Date: 3/6/2012
Model: IGRF200510



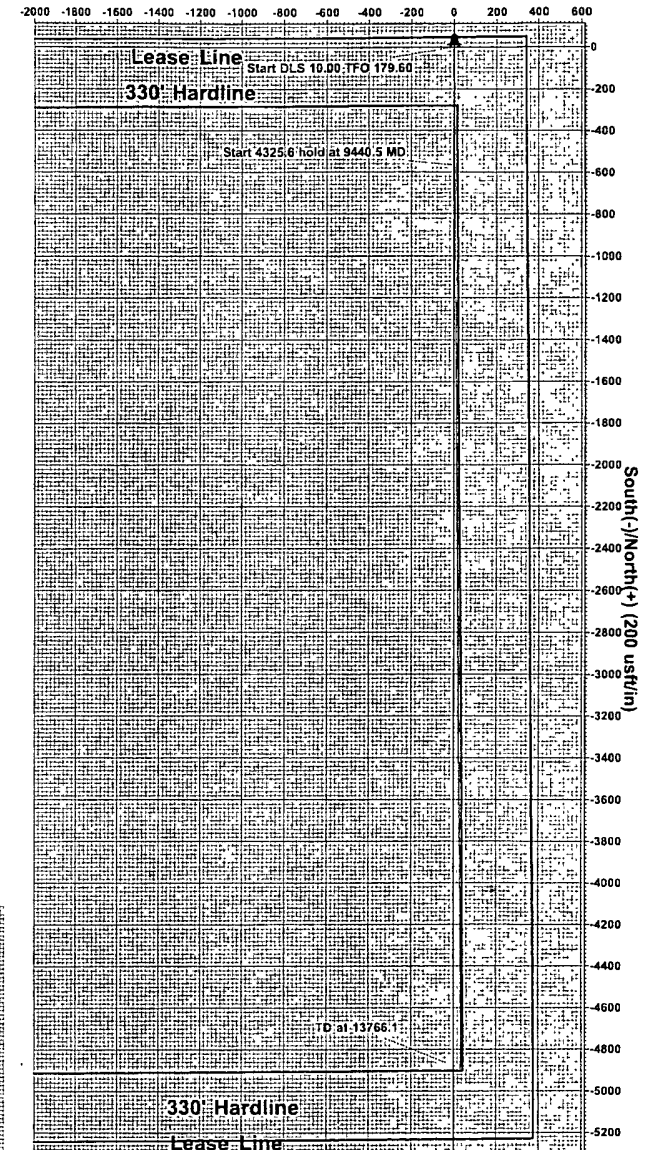
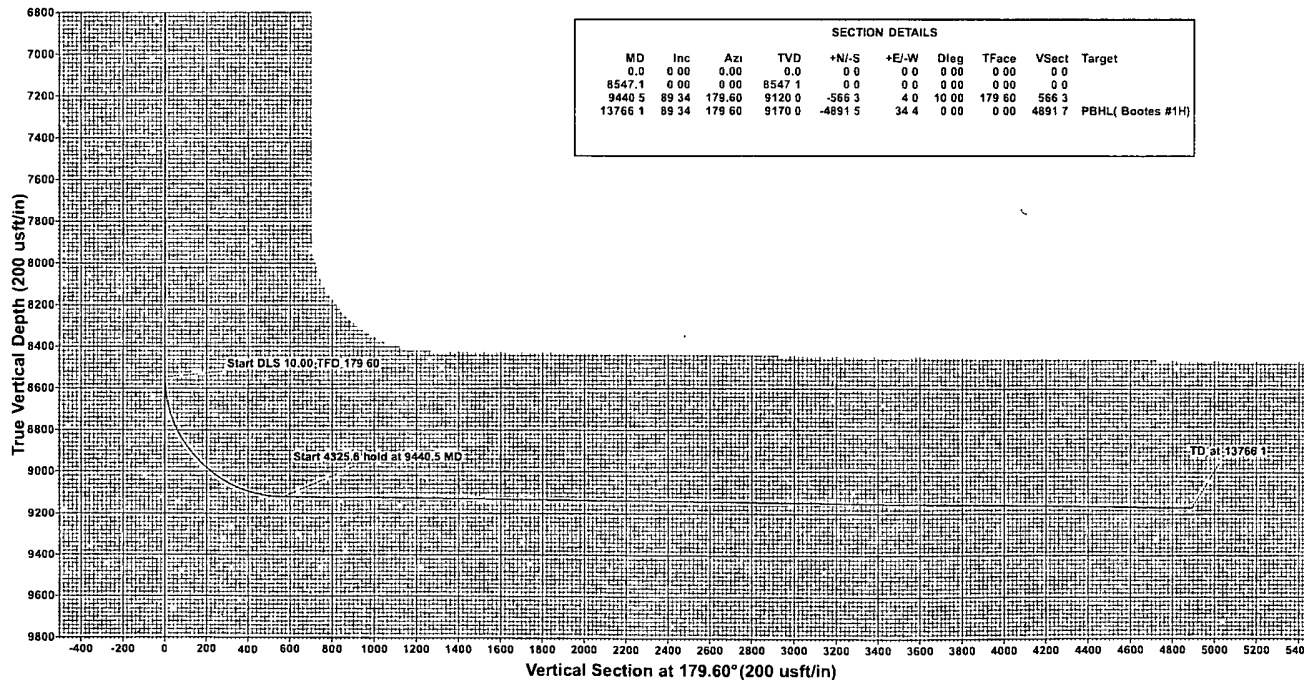
A Schlumberger Company

Project: Eddy County
Site: Bootes 15 Federal Com
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)

WELL DETAILS: #1H						
Ground Elevation 3548.9						
RKB Elevation: KB = 20 @ 3568.9usft (McVay 10)						
Rig Name: McVay 10						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	606941.150	690160.830	32°40' 3.342 N	103°50' 5.8336 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL(Bootes #1H)	9170.0	-4891.5	34.4	602049.610	690195.240	Point

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSECT	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
8547.1	0.00	0.00	8547.1	0.0	0.0	0.00	0.00	0.0	
9440.5	89.34	179.60	9120.0	-566.3	4.0	10.00	179.60	566.3	
13766.1	89.34	179.60	9170.0	-4891.5	34.4	0.00	0.00	4891.7	PBHL(Bootes #1H)



Plan Plan #1 (#1H/OH)
Created By: Sam Biffe Date: 13.30, March 08 2012
Checked: _____ Date: _____

Scale: 1 inch = 100 feet
North Arrow
Page 1 of 1