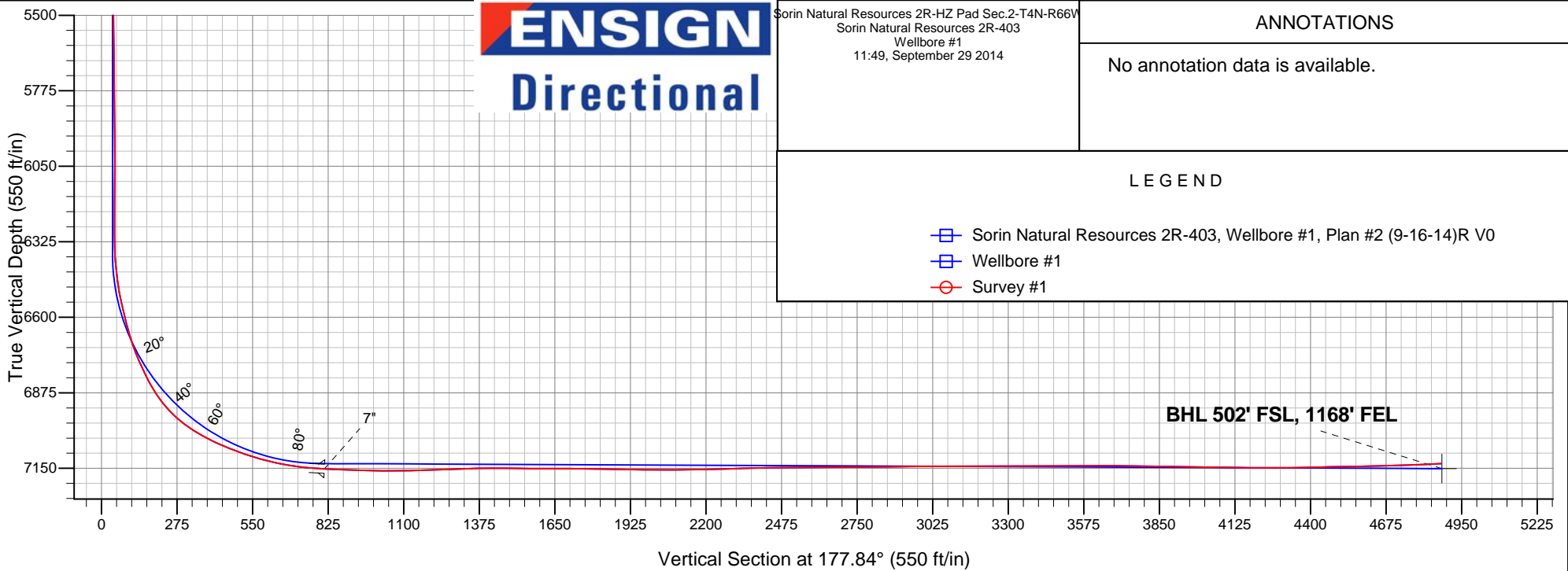
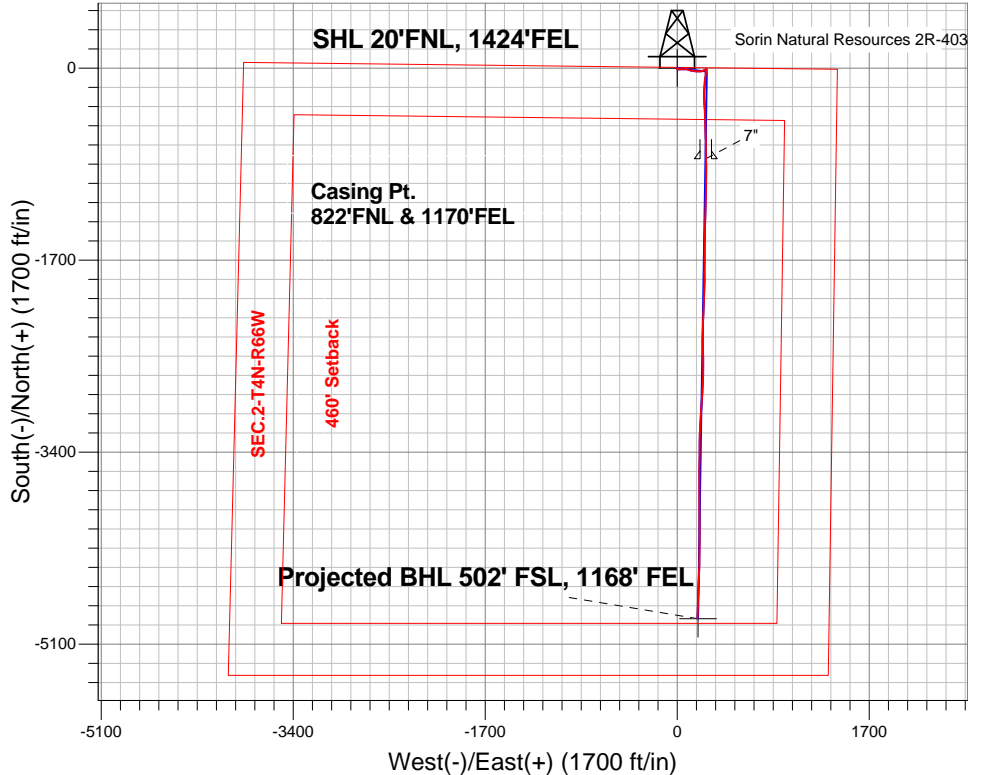


PETROLEUM DEVELOPMENT CORP Weld County CO

Well Name: **Sorin Natural Resources 2R-403**
Surface Location: Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone
Ground Elevation: 4671.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1370685.43 3211868.07 40.348440 -104.739850
Ensign Rig #136 - RKB 12.5' WELL @ 4684ft (Ensign Rig #136 - RKB 13')

FINAL SURVEY

Projected Bottom Hole Location
11688'MD 7133'TVD 4872'S & 178'E of SHL
92.7 degree Incl @ 182.3 degree AZM





PETROLEUM DEVELOPMENT CORP Weld County CO

SEC.2-T4N-R66W

Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W

Sorin Natural Resources 2R-403

Wellbore #1

Survey: Survey #1

Standard Survey Report

29 September, 2014

Company:	PETROLEUM DEVELOPMENT CORP Weld County CO	Local Co-ordinate Reference:	Well Sorin Natural Resources 2R-403
Project:	SEC.2-T4N-R66W	TVD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Site:	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W	MD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Well:	Sorin Natural Resources 2R-403	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.2-T4N-R66W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W				
Site Position:		Northing:	1,370,685.98 ft	Latitude:	40.348440
From:	Lat/Long	Easting:	3,211,929.38 ft	Longitude:	-104.739630
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.49 °

Well	Sorin Natural Resources 2R-403					
Well Position	+N-S	0.0 ft	Northing:	1,370,685.43 ft	Latitude:	40.348440
	+E-W	0.0 ft	Easting:	3,211,868.07 ft	Longitude:	-104.739850
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,671.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/16/2014	8.41	66.90	52,765

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N-S (ft)	+E-W (ft)	Direction (°)	
	0.0	0.0	0.0	177.84	

Survey Program	Date 9/29/2014				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
69.0	11,688.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1.0	0.01	56.70	1.0	0.0	0.0	0.0	0.58	0.58	0.00
SHL 20'FNL, 1424'FEL									
69.0	0.40	56.70	69.0	0.1	0.2	-0.1	0.58	0.58	0.00
158.0	0.40	78.00	158.0	0.4	0.8	-0.3	0.17	0.00	23.93
252.0	0.40	114.90	252.0	0.3	1.4	-0.2	0.27	0.00	39.26
342.0	0.40	173.10	342.0	-0.1	1.7	0.2	0.43	0.00	64.67
433.0	0.40	176.50	433.0	-0.8	1.8	0.8	0.03	0.00	3.74
524.0	0.40	167.50	524.0	-1.4	1.9	1.5	0.07	0.00	-9.89
614.0	0.30	168.70	614.0	-1.9	2.0	2.0	0.11	-0.11	1.33
705.0	0.30	117.00	705.0	-2.3	2.2	2.4	0.29	0.00	-56.81

Company:	PETROLEUM DEVELOPMENT CORP Weld County CO	Local Co-ordinate Reference:	Well Sorin Natural Resources 2R-403
Project:	SEC.2-T4N-R66W	TVD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Site:	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W	MD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Well:	Sorin Natural Resources 2R-403	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
796.0	0.40	148.70	796.0	-2.7	2.6	2.8	0.24	0.11	34.84
881.0	0.60	185.40	881.0	-3.4	2.7	3.5	0.43	0.24	43.18
963.0	0.60	205.50	963.0	-4.2	2.5	4.3	0.26	0.00	24.51
1,054.0	0.60	199.00	1,054.0	-5.1	2.1	5.1	0.07	0.00	-7.14
1,145.0	0.60	217.80	1,145.0	-5.9	1.7	5.9	0.22	0.00	20.66
1,236.0	0.40	232.50	1,236.0	-6.5	1.1	6.5	0.26	-0.22	16.15
1,327.0	0.30	245.40	1,327.0	-6.7	0.7	6.8	0.14	-0.11	14.18
1,418.0	0.40	232.70	1,418.0	-7.0	0.2	7.0	0.14	0.11	-13.96
1,508.0	1.90	116.90	1,507.9	-7.9	1.3	7.9	2.34	1.67	-128.67
1,599.0	3.30	109.10	1,598.8	-9.4	5.1	9.6	1.58	1.54	-8.57
1,690.0	2.80	109.10	1,689.7	-11.0	9.7	11.4	0.55	-0.55	0.00
1,781.0	2.90	74.30	1,780.6	-11.1	14.0	11.7	1.88	0.11	-38.24
1,871.0	5.30	87.00	1,870.4	-10.3	20.3	11.1	2.84	2.67	14.11
1,962.0	6.40	89.80	1,960.9	-10.1	29.6	11.2	1.25	1.21	3.08
2,053.0	7.80	90.30	2,051.2	-10.1	40.9	11.6	1.54	1.54	0.55
2,144.0	6.40	85.60	2,141.5	-9.7	52.1	11.7	1.66	-1.54	-5.16
2,238.0	7.10	84.00	2,234.9	-8.7	63.1	11.1	0.77	0.74	-1.70
2,333.0	7.10	89.40	2,329.1	-8.0	74.8	10.9	0.70	0.00	5.68
2,428.0	6.20	104.70	2,423.5	-9.3	85.6	12.5	2.08	-0.95	16.11
2,523.0	8.50	110.20	2,517.7	-13.0	97.2	16.7	2.53	2.42	5.79
2,618.0	8.30	111.40	2,611.7	-17.9	110.2	22.1	0.28	-0.21	1.26
2,714.0	8.10	104.00	2,706.7	-22.1	123.2	26.7	1.12	-0.21	-7.71
2,809.0	7.30	87.70	2,800.9	-23.5	135.7	28.6	2.44	-0.84	-17.16
2,904.0	7.20	105.30	2,895.1	-24.8	147.5	30.3	2.33	-0.11	18.53
2,999.0	6.20	98.90	2,989.5	-27.2	158.3	33.1	1.31	-1.05	-6.74
3,094.0	5.50	92.30	3,084.0	-28.1	167.9	34.5	1.02	-0.74	-6.95
3,189.0	6.90	87.20	3,178.4	-28.0	178.1	34.7	1.58	1.47	-5.37
3,284.0	6.90	88.40	3,272.7	-27.6	189.6	34.7	0.15	0.00	1.26
3,379.0	7.10	92.40	3,367.0	-27.7	201.1	35.3	0.55	0.21	4.21
3,474.0	5.50	78.50	3,461.4	-27.0	211.5	35.0	2.32	-1.68	-14.63
3,569.0	6.70	74.70	3,555.9	-24.7	221.3	33.0	1.33	1.26	-4.00
3,664.0	5.70	66.90	3,650.4	-21.3	230.9	30.0	1.37	-1.05	-8.21
3,759.0	5.70	65.40	3,744.9	-17.5	239.6	26.6	0.16	0.00	-1.58
3,854.0	5.50	62.60	3,839.4	-13.5	247.9	22.8	0.36	-0.21	-2.95
3,949.0	3.30	67.30	3,934.1	-10.3	254.5	19.9	2.34	-2.32	4.95
4,044.0	1.70	117.70	4,029.1	-9.9	258.2	19.7	2.71	-1.68	53.05
4,139.0	1.10	154.30	4,124.0	-11.4	259.9	21.2	1.10	-0.63	38.53
4,234.0	1.50	186.10	4,219.0	-13.5	260.1	23.3	0.85	0.42	33.47
4,329.0	1.40	192.60	4,314.0	-15.8	259.8	25.6	0.20	-0.11	6.84
4,424.0	1.30	206.70	4,409.0	-17.9	259.0	27.7	0.36	-0.11	14.84
4,520.0	1.70	207.20	4,504.9	-20.2	257.9	29.9	0.42	0.42	0.52
4,615.0	1.70	232.00	4,599.9	-22.3	256.1	31.9	0.77	0.00	26.11
4,710.0	1.70	208.40	4,694.8	-24.4	254.3	34.0	0.73	0.00	-24.84
4,805.0	1.10	183.80	4,789.8	-26.5	253.6	36.1	0.88	-0.63	-25.89
4,900.0	0.90	172.90	4,884.8	-28.2	253.7	37.7	0.29	-0.21	-11.47
4,995.0	0.80	165.40	4,979.8	-29.6	253.9	39.1	0.16	-0.11	-7.89
5,091.0	0.60	171.00	5,075.8	-30.7	254.2	40.3	0.22	-0.21	5.83
5,186.0	0.60	165.90	5,170.8	-31.7	254.4	41.3	0.06	0.00	-5.37
5,281.0	0.40	168.20	5,265.8	-32.5	254.5	42.1	0.21	-0.21	2.42
5,376.0	0.40	149.60	5,360.8	-33.1	254.8	42.7	0.14	0.00	-19.58
5,472.0	0.50	107.70	5,456.8	-33.5	255.3	43.1	0.35	0.10	-43.65
5,568.0	0.60	169.10	5,552.8	-34.1	255.8	43.8	0.59	0.10	63.96
5,662.0	0.70	200.20	5,646.8	-35.2	255.7	44.8	0.38	0.11	33.09

Company:	PETROLEUM DEVELOPMENT CORP Weld County CO	Local Co-ordinate Reference:	Well Sorin Natural Resources 2R-403
Project:	SEC.2-T4N-R66W	TVD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Site:	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W	MD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Well:	Sorin Natural Resources 2R-403	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,757.0	0.90	214.40	5,741.7	-36.3	255.1	45.9	0.29	0.21	14.95
5,852.0	0.60	211.40	5,836.7	-37.4	254.4	46.9	0.32	-0.32	-3.16
5,948.0	0.50	218.60	5,932.7	-38.1	253.9	47.7	0.13	-0.10	7.50
6,043.0	0.20	293.70	6,027.7	-38.4	253.5	47.9	0.51	-0.32	79.05
6,138.0	0.30	288.30	6,122.7	-38.2	253.1	47.8	0.11	0.11	-5.68
6,233.0	0.40	289.30	6,217.7	-38.0	252.6	47.5	0.11	0.11	1.05
6,297.0	0.30	342.00	6,281.7	-37.8	252.3	47.3	0.51	-0.16	82.34
6,329.0	0.10	284.20	6,313.7	-37.7	252.2	47.2	0.82	-0.63	-180.63
6,360.0	1.50	186.80	6,344.7	-38.1	252.2	47.6	4.89	4.52	-314.19
6,392.0	3.30	180.10	6,376.7	-39.5	252.1	48.9	5.68	5.63	-20.94
6,424.0	5.70	180.10	6,408.6	-42.0	252.1	51.5	7.50	7.50	0.00
6,456.0	6.80	178.90	6,440.4	-45.5	252.2	54.9	3.46	3.44	-3.75
6,487.0	7.60	172.20	6,471.2	-49.3	252.5	58.8	3.74	2.58	-21.61
6,519.0	9.50	178.20	6,502.8	-54.1	252.8	63.6	6.55	5.94	18.75
6,551.0	11.80	188.40	6,534.3	-59.9	252.4	69.4	9.27	7.19	31.88
6,583.0	13.10	190.00	6,565.5	-66.7	251.3	76.2	4.20	4.06	5.00
6,614.0	14.80	188.20	6,595.6	-74.1	250.2	83.5	5.66	5.48	-5.81
6,646.0	16.40	189.50	6,626.4	-82.6	248.8	92.0	5.12	5.00	4.06
6,678.0	16.20	190.30	6,657.1	-91.5	247.3	100.7	0.94	-0.63	2.50
6,709.0	17.10	187.20	6,686.8	-100.2	245.9	109.5	4.08	2.90	-10.00
6,741.0	19.90	184.00	6,717.2	-110.4	245.0	119.5	9.30	8.75	-10.00
6,773.0	23.00	182.60	6,746.9	-122.0	244.3	131.2	9.82	9.69	-4.38
6,805.0	25.40	184.50	6,776.1	-135.1	243.5	144.2	7.88	7.50	5.94
6,837.0	25.80	186.10	6,805.0	-148.9	242.2	157.9	2.50	1.25	5.00
6,868.0	27.90	185.60	6,832.6	-162.8	240.8	171.8	6.81	6.77	-1.61
6,900.0	31.20	183.00	6,860.5	-178.5	239.6	187.5	11.06	10.31	-8.13
6,932.0	34.50	182.80	6,887.4	-195.9	238.7	204.7	10.32	10.31	-0.63
6,964.0	38.40	182.10	6,913.1	-214.9	237.9	223.7	12.26	12.19	-2.19
6,995.0	42.80	181.00	6,936.6	-235.0	237.4	243.8	14.38	14.19	-3.55
7,027.0	47.00	178.70	6,959.3	-257.6	237.5	266.4	14.07	13.13	-7.19
7,059.0	51.00	176.50	6,980.3	-281.7	238.5	290.5	13.53	12.50	-6.88
7,091.0	55.40	175.80	6,999.4	-307.3	240.2	316.1	13.86	13.75	-2.19
7,122.0	58.40	176.10	7,016.4	-333.2	242.1	342.1	9.71	9.68	0.97
7,154.0	61.10	177.20	7,032.5	-360.8	243.7	369.7	8.94	8.44	3.44
7,186.0	63.20	178.00	7,047.4	-389.1	244.9	398.0	6.92	6.56	2.50
7,217.0	65.60	178.70	7,060.8	-417.0	245.7	426.0	8.01	7.74	2.26
7,249.0	67.80	178.70	7,073.5	-446.4	246.3	455.4	6.88	6.88	0.00
7,281.0	70.00	178.00	7,085.0	-476.2	247.2	485.2	7.17	6.88	-2.19
7,312.0	70.70	178.00	7,095.4	-505.4	248.2	514.4	2.26	2.26	0.00
7,344.0	71.80	178.20	7,105.7	-535.7	249.2	544.7	3.49	3.44	0.63
7,376.0	74.30	177.50	7,115.0	-566.3	250.4	575.3	8.09	7.81	-2.19
7,408.0	76.30	177.30	7,123.2	-597.2	251.8	606.3	6.28	6.25	-0.63
7,439.0	77.90	178.40	7,130.1	-627.4	252.9	636.5	6.21	5.16	3.55
7,471.0	79.60	179.60	7,136.3	-658.8	253.4	667.8	6.46	5.31	3.75
7,503.0	81.70	179.40	7,141.5	-690.3	253.7	699.4	6.59	6.56	-0.63
7,535.0	83.40	180.00	7,145.7	-722.1	253.9	731.1	5.63	5.31	1.88
7,567.0	85.10	179.80	7,148.9	-753.9	253.9	762.9	5.35	5.31	-0.63
7,598.0	86.80	179.60	7,151.1	-784.8	254.1	793.8	5.52	5.48	-0.65
7,615.0	87.13	179.60	7,152.0	-801.8	254.2	810.8	1.92	1.92	0.00
7"									
7,650.0	87.80	179.60	7,153.5	-836.8	254.5	845.8	1.92	1.92	0.00
7,745.0	87.90	178.90	7,157.1	-931.7	255.7	940.7	0.74	0.11	-0.74

Company:	PETROLEUM DEVELOPMENT CORP Weld County CO	Local Co-ordinate Reference:	Well Sorin Natural Resources 2R-403
Project:	SEC.2-T4N-R66W	TVD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Site:	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W	MD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Well:	Sorin Natural Resources 2R-403	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,841.0	89.70	180.30	7,159.1	-1,027.7	256.4	1,036.6	2.38	1.88	1.46
7,936.0	91.80	182.30	7,157.9	-1,122.6	254.2	1,131.4	3.05	2.21	2.11
8,031.0	91.70	181.90	7,155.0	-1,217.5	250.7	1,226.1	0.43	-0.11	-0.42
8,126.0	92.00	181.60	7,151.9	-1,312.4	247.8	1,320.8	0.45	0.32	-0.32
8,221.0	90.60	181.00	7,149.7	-1,407.4	245.7	1,415.6	1.60	-1.47	-0.63
8,316.0	89.00	180.90	7,150.1	-1,502.3	244.1	1,510.5	1.69	-1.68	-0.11
8,412.0	90.00	181.00	7,150.9	-1,598.3	242.5	1,606.3	1.05	1.04	0.10
8,507.0	89.90	180.10	7,151.0	-1,693.3	241.6	1,701.2	0.95	-0.11	-0.95
8,602.0	88.90	180.70	7,152.0	-1,788.3	240.9	1,796.1	1.23	-1.05	0.63
8,697.0	88.50	181.00	7,154.1	-1,883.3	239.5	1,891.0	0.53	-0.42	0.32
8,806.0	90.20	181.00	7,155.4	-1,992.2	237.6	1,999.8	1.56	1.56	0.00
8,901.0	90.10	182.10	7,155.1	-2,087.2	235.1	2,094.6	1.16	-0.11	1.16
8,996.0	91.10	182.40	7,154.1	-2,182.1	231.3	2,189.3	1.10	1.05	0.32
9,091.0	91.50	182.30	7,152.0	-2,277.0	227.4	2,284.0	0.43	0.42	-0.11
9,186.0	92.00	181.20	7,149.1	-2,371.9	224.5	2,378.7	1.27	0.53	-1.16
9,281.0	90.00	177.00	7,147.4	-2,466.9	226.0	2,473.7	4.90	-2.11	-4.42
9,377.0	90.70	178.70	7,146.8	-2,562.8	229.6	2,569.6	1.92	0.73	1.77
9,471.0	90.30	182.10	7,146.0	-2,656.8	229.0	2,663.5	3.64	-0.43	3.62
9,566.0	90.30	180.90	7,145.5	-2,751.8	226.5	2,758.3	1.26	0.00	-1.26
9,661.0	90.50	182.10	7,144.8	-2,846.7	224.0	2,853.1	1.28	0.21	1.26
9,756.0	91.40	184.50	7,143.3	-2,941.5	218.5	2,947.7	2.70	0.95	2.53
9,851.0	90.20	184.40	7,141.9	-3,036.2	211.2	3,042.0	1.27	-1.26	-0.11
9,946.0	89.60	183.10	7,142.1	-3,131.0	205.0	3,136.5	1.51	-0.63	-1.37
10,042.0	90.10	182.30	7,142.4	-3,226.9	200.4	3,232.2	0.98	0.52	-0.83
10,137.0	90.30	180.90	7,142.0	-3,321.9	197.8	3,327.0	1.49	0.21	-1.47
10,232.0	90.10	179.80	7,141.7	-3,416.9	197.2	3,421.9	1.18	-0.21	-1.16
10,327.0	90.10	180.30	7,141.5	-3,511.9	197.1	3,516.8	0.53	0.00	0.53
10,422.0	90.80	180.50	7,140.8	-3,606.9	196.5	3,611.7	0.77	0.74	0.21
10,517.0	89.30	180.00	7,140.7	-3,701.9	196.0	3,706.6	1.66	-1.58	-0.53
10,612.0	89.00	180.30	7,142.1	-3,796.9	195.8	3,801.5	0.45	-0.32	0.32
10,708.0	89.30	180.00	7,143.5	-3,892.8	195.5	3,897.5	0.44	0.31	-0.31
10,803.0	88.40	178.60	7,145.4	-3,987.8	196.7	3,992.4	1.75	-0.95	-1.47
10,898.0	89.00	179.80	7,147.6	-4,082.8	198.0	4,087.3	1.41	0.63	1.26
10,993.0	89.80	180.30	7,148.6	-4,177.8	197.9	4,182.3	0.99	0.84	0.53
11,089.0	90.60	181.00	7,148.3	-4,273.8	196.9	4,278.2	1.11	0.83	0.73
11,184.0	91.50	181.00	7,146.5	-4,368.7	195.2	4,373.0	0.95	0.95	0.00
11,279.0	90.70	182.30	7,144.7	-4,463.7	192.5	4,467.8	1.61	-0.84	1.37
11,374.0	91.30	182.10	7,143.0	-4,558.6	188.8	4,562.5	0.67	0.63	-0.21
11,469.0	91.40	181.60	7,140.8	-4,653.5	185.7	4,657.2	0.54	0.11	-0.53
11,565.0	91.90	181.90	7,138.0	-4,749.4	182.8	4,752.9	0.61	0.52	0.31
11,635.0	92.70	182.30	7,135.2	-4,819.3	180.3	4,822.7	1.28	1.14	0.57
11,688.0	92.70	182.30	7,132.7	-4,872.2	178.1	4,875.5	0.00	0.00	0.00
BHL 500' FSL, 1162' FEL									

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
7,615.0	7,152.0	7"	7	7-1/2

Company:	PETROLEUM DEVELOPMENT CORP Weld County CO	Local Co-ordinate Reference:	Well Sorin Natural Resources 2R-403
Project:	SEC.2-T4N-R66W	TVD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Site:	Sorin Natural Resources 2R-HZ Pad Sec.2-T4N-R66W	MD Reference:	WELL @ 4683.5ft (Ensign Rig #136 - RKB 12.5')
Well:	Sorin Natural Resources 2R-403	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Checked By: _____	Approved By: _____	Date: _____
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