

HOBBS CCD

APR 29 2016

RECEIVED

SD Anti-Collision Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*

Site Name: *Green Wave 20-29 Fed 76H,77H,78H Pad*

Well Name: *Green Wave 20-29 Fed 76H*

12 May 2015



Weatherford®

MAY 03 2016



Weatherford®

Green Wave 20-29 Fed 76H

Field Name Lea Co. NM. Nad 83 NMEZ	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
Projected Coordinate System : NAD83 / New Mexico East (ftUS)				
Comment :				
Site Name Green Wave 20- 29 Fed 76H 77H 78H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.45	
	Position	Northing : 375210.52 US ft	Latitude : 32° 1' 43.35"	
		Easting : 803702.93 US ft	Longitude : -103° 29' 12.16"	
	Elevation above Mean Sea Level : 3349.00 US ft			
Comment :				
Slot Name Green Wave 20- 29 Fed 76H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft		Northing : 375210.52 US ft	Latitude : 32° 1' 43.35"
	+E / -W : 0.00 US ft		Easting : 803702.93 US ft	Longitude : -103° 29' 12.16"
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3349.00 US ft				
Comment :				
Well Name Green Wave 20- 29 Fed 76H	Type : Main well		UWI :	Plan : Working Plan
	Rig Height : 30.00 US ft		Comment :	
	Well TVD Reference : 30.00 US ft			
	Relative to Mean Sea Level : 3379.00 US ft			
	Closure Distance : 7530.73 US ft		Closure Azimuth : 183.95°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az : 179.49°
	Magnetic Parameters			
Model : BGGM	Field Strength : 48035.8nT	Dec : 7.19°	Dip : 59.90°	Date : 15/Oct/2015

Collision / Uncertainty Analysis				
Primary Well	Start MD (US ft)	End MD (US ft)	Collision Risk Interval	No. of Std Deviations in Error Computation
Green Wave 20-29 Fed 76H (p)	0.00	19977.15	100.00	2

Secondary Well Names
Green Wave 20-29 Fed 77H (p)
Green Wave 20-29 Fed 78H Pilot (p)
Green Wave 20-29 Fed 78H Lat (p)

Anti-Collision Report Terminology

S.Minor, S.Major : Radii of the ellipse of uncertainty at the current location as seen in the along hole direction.

PHI : Angle between high-side vector and semi-minor axis

TVD Spread : Total TVD range of the ellipsoid of uncertainty at the current location

ES : Distance between the extremities of the primary and secondary uncertainty ellipsoids in the direction Cr-Cr

T.Face to Sec : Angle between the Hi-Side vector of the primary well at the current location and line of closest approach between the two wells

5D Anti-Collision Report

Separation factors calculated using Pedal Curve (Independent Uncertainty); Well path created using minimum curvature.

Anti-Collision Proximity Summary (TVD relative to Well TVD Reference)

Secondary Well Name	Pri. MD (US ft)	Sec. MD (US ft)	TVD (US ft)	CC (US ft)	ES (US ft)	SF	Risk
Green Wave 20-29 Fed 77H (p)	5400.00	5400.00	5400.00	49.95	25.33	2.03	
Green Wave 20-29 Fed 78H Pilot (p)	5400.00	5399.00	5400.00	99.95	75.34	4.06	
Green Wave 20-29 Fed 78H Lat (p)	19977.15	19987.12	12601.00	1270.08	990.36	4.54	

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference; All Azimuth Relative to GRID NORTH)

MD (US ft)	TVD (US ft)	T. Face to Sec (°)	S. Major (US ft)	S. Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
0.00	0.00	89.71	0.00	0.00	Green Wave 20-29 Fed 77H (p)	49.95	49.38	88.15	
100.00	100.00	89.71	0.11	0.11	Green Wave 20-29 Fed 77H (p)	49.95	49.16	63.44	
200.00	200.00	89.71	0.34	0.34	Green Wave 20-29 Fed 77H (p)	49.95	48.71	40.38	
300.00	300.00	89.71	0.56	0.56	Green Wave 20-29 Fed 77H (p)	49.95	48.26	29.62	
400.00	400.00	89.71	0.79	0.79	Green Wave 20-29 Fed 77H (p)	49.95	47.81	23.38	
500.00	500.00	89.71	1.01	1.01	Green Wave 20-29 Fed 77H (p)	49.95	47.36	19.32	
600.00	600.00	89.71	1.24	1.24	Green Wave 20-29 Fed 77H (p)	49.95	46.92	16.46	
700.00	700.00	89.71	1.46	1.46	Green Wave 20-29 Fed 77H (p)	49.95	46.47	14.33	
800.00	800.00	89.71	1.69	1.69	Green Wave 20-29 Fed 77H (p)	49.95	46.02	12.69	
900.00	900.00	89.71	1.91	1.91	Green Wave 20-29 Fed 77H (p)	49.95	45.57	11.39	
1000.00	1000.00	89.71	2.14	2.14	Green Wave 20-29 Fed 77H (p)	49.95	45.12	10.33	
1100.00	1100.00	89.71	2.36	2.36	Green Wave 20-29 Fed 77H (p)	49.95	44.67	9.45	
1200.00	1200.00	89.71	2.59	2.59	Green Wave 20-29 Fed 77H (p)	49.95	44.22	8.71	
1300.00	1300.00	89.71	2.81	2.81	Green Wave 20-29 Fed 77H (p)	49.95	43.77	8.08	
1400.00	1400.00	89.71	3.04	3.04	Green Wave 20-29 Fed 77H (p)	49.95	43.32	7.53	
1500.00	1500.00	89.71	3.26	3.26	Green Wave 20-29 Fed 77H (p)	49.95	42.87	7.05	
1600.00	1600.00	89.71	3.48	3.48	Green Wave 20-29 Fed 77H (p)	49.95	42.42	6.63	
1700.00	1700.00	89.71	3.71	3.71	Green Wave 20-29 Fed 77H (p)	49.95	41.97	6.26	
1800.00	1800.00	89.71	3.93	3.93	Green Wave 20-29 Fed 77H (p)	49.95	41.52	5.92	
1900.00	1900.00	89.71	4.16	4.16	Green Wave 20-29 Fed 77H (p)	49.95	41.07	5.62	
2000.00	2000.00	89.71	4.38	4.38	Green Wave 20-29 Fed 77H (p)	49.95	40.62	5.35	

SD Anti-Collision Report

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference : All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	Face to Sec (°)	S. Major (US ft)	S. Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
2100.00	2100.00	89.71	4.61	4.61	Green Wave 20-29 Fed 77H (p)	49.95	40.17	5.11	
2200.00	2200.00	89.71	4.83	4.83	Green Wave 20-29 Fed 77H (p)	49.95	39.72	4.88	
2300.00	2300.00	89.71	5.06	5.06	Green Wave 20-29 Fed 77H (p)	49.95	39.27	4.68	
2400.00	2400.00	89.71	5.28	5.28	Green Wave 20-29 Fed 77H (p)	49.95	38.82	4.49	
2500.00	2500.00	89.71	5.51	5.51	Green Wave 20-29 Fed 77H (p)	49.95	38.37	4.31	
2600.00	2600.00	89.71	5.73	5.73	Green Wave 20-29 Fed 77H (p)	49.95	37.92	4.15	
2700.00	2700.00	89.71	5.96	5.96	Green Wave 20-29 Fed 77H (p)	49.95	37.47	4.00	
2800.00	2800.00	89.71	6.18	6.18	Green Wave 20-29 Fed 77H (p)	49.95	37.02	3.86	
2900.00	2900.00	89.71	6.41	6.41	Green Wave 20-29 Fed 77H (p)	49.95	36.57	3.73	
3000.00	3000.00	89.71	6.63	6.63	Green Wave 20-29 Fed 77H (p)	49.95	36.12	3.61	
3100.00	3100.00	89.71	6.86	6.86	Green Wave 20-29 Fed 77H (p)	49.95	35.67	3.50	
3200.00	3200.00	89.71	7.08	7.08	Green Wave 20-29 Fed 77H (p)	49.95	35.22	3.39	
3300.00	3300.00	89.71	7.31	7.31	Green Wave 20-29 Fed 77H (p)	49.95	34.78	3.29	
3400.00	3400.00	89.71	7.53	7.53	Green Wave 20-29 Fed 77H (p)	49.95	34.33	3.20	
3500.00	3500.00	89.71	7.76	7.76	Green Wave 20-29 Fed 77H (p)	49.95	33.88	3.11	
3600.00	3600.00	89.71	7.98	7.98	Green Wave 20-29 Fed 77H (p)	49.95	33.43	3.02	
3700.00	3700.00	89.71	8.21	8.21	Green Wave 20-29 Fed 77H (p)	49.95	32.98	2.94	
3800.00	3800.00	89.71	8.43	8.43	Green Wave 20-29 Fed 77H (p)	49.95	32.53	2.87	
3900.00	3900.00	89.71	8.66	8.66	Green Wave 20-29 Fed 77H (p)	49.95	32.08	2.79	
4000.00	4000.00	89.71	8.88	8.88	Green Wave 20-29 Fed 77H (p)	49.95	31.63	2.73	
4100.00	4100.00	89.71	9.11	9.11	Green Wave 20-29 Fed 77H (p)	49.95	31.18	2.66	
4200.00	4200.00	89.71	9.33	9.33	Green Wave 20-29 Fed 77H (p)	49.95	30.73	2.60	
4300.00	4300.00	89.71	9.55	9.55	Green Wave 20-29 Fed 77H (p)	49.95	30.28	2.54	
4400.00	4400.00	89.71	9.78	9.78	Green Wave 20-29 Fed 77H (p)	49.95	29.83	2.48	
4500.00	4500.00	89.71	10.00	10.00	Green Wave 20-29 Fed 77H (p)	49.95	29.38	2.43	
4600.00	4600.00	89.71	10.23	10.23	Green Wave 20-29 Fed 77H (p)	49.95	28.93	2.38	

SD Anti-Collision Report

Primary Well: Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
4700.00	4700.00	89.71	10.45	10.45	Green Wave 20-29 Fed 77H (p)	49.95	28.48	2.33	
4800.00	4800.00	89.71	10.68	10.68	Green Wave 20-29 Fed 77H (p)	49.95	28.03	2.28	
4900.00	4900.00	89.71	10.90	10.90	Green Wave 20-29 Fed 77H (p)	49.95	27.58	2.23	
5000.00	5000.00	89.71	11.13	11.13	Green Wave 20-29 Fed 77H (p)	49.95	27.13	2.19	
5100.00	5100.00	89.71	11.35	11.35	Green Wave 20-29 Fed 77H (p)	49.95	26.68	2.15	
5200.00	5200.00	89.71	11.58	11.58	Green Wave 20-29 Fed 77H (p)	49.95	26.23	2.11	
5300.00	5300.00	89.71	11.80	11.80	Green Wave 20-29 Fed 77H (p)	49.95	25.78	2.07	
5400.00	5400.00	89.71	12.03	12.03	Green Wave 20-29 Fed 77H (p)	49.95	25.33	2.03	
5500.00	5499.99	176.20	12.24	12.24	Green Wave 20-29 Fed 77H (p)	50.82	25.79	2.03	
5600.00	5599.96	176.38	12.44	12.43	Green Wave 20-29 Fed 77H (p)	53.43	27.97	2.10	
5700.00	5699.86	176.65	12.64	12.62	Green Wave 20-29 Fed 77H (p)	57.79	31.90	2.23	
5800.00	5799.68	176.97	12.84	12.80	Green Wave 20-29 Fed 77H (p)	63.88	37.57	2.43	
5900.00	5899.37	177.29	13.05	12.99	Green Wave 20-29 Fed 77H (p)	71.72	44.98	2.68	
6000.00	5998.92	177.61	13.26	13.17	Green Wave 20-29 Fed 77H (p)	81.18	54.01	2.99	
6100.00	6098.43	177.87	13.48	13.38	Green Wave 20-29 Fed 77H (p)	91.01	63.41	3.30	
6200.00	6197.95	178.07	13.69	13.58	Green Wave 20-29 Fed 77H (p)	100.83	72.81	3.60	
6300.00	6297.46	178.25	13.91	13.78	Green Wave 20-29 Fed 77H (p)	110.66	82.22	3.89	
6400.00	6396.98	178.39	14.13	13.99	Green Wave 20-29 Fed 77H (p)	120.49	91.62	4.17	
6500.00	6496.49	178.51	14.36	14.20	Green Wave 20-29 Fed 77H (p)	130.32	101.02	4.45	
6600.00	6596.01	178.61	14.59	14.40	Green Wave 20-29 Fed 77H (p)	140.15	110.42	4.71	
6700.00	6695.52	178.71	14.81	14.61	Green Wave 20-29 Fed 77H (p)	149.98	119.82	4.97	
6800.00	6795.04	178.79	15.04	14.82	Green Wave 20-29 Fed 77H (p)	159.81	129.22	5.22	
6900.00	6894.55	178.86	15.28	15.03	Green Wave 20-29 Fed 77H (p)	169.64	138.62	5.47	
7000.00	6994.07	178.92	15.51	15.24	Green Wave 20-29 Fed 77H (p)	179.47	148.01	5.71	
7100.00	7093.58	178.97	15.75	15.45	Green Wave 20-29 Fed 77H (p)	189.30	157.41	5.94	
7200.00	7193.10	179.03	15.98	15.66	Green Wave 20-29 Fed 77H (p)	199.13	166.81	6.16	

SD Anti-Collision Report

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference : All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
7300.00	7292.62	179.07	16.22	15.88	Green Wave 20-29 Fed 77H (p)	208.96	176.21	6.38	
7400.00	7392.13	179.11	16.46	16.09	Green Wave 20-29 Fed 77H (p)	218.79	185.60	6.59	
7500.00	7491.65	179.15	16.71	16.30	Green Wave 20-29 Fed 77H (p)	228.63	195.00	6.80	
7600.00	7591.16	179.19	16.95	16.52	Green Wave 20-29 Fed 77H (p)	238.46	204.39	7.00	
7700.00	7690.68	179.22	17.19	16.73	Green Wave 20-29 Fed 77H (p)	248.29	213.79	7.20	
7800.00	7790.19	179.25	17.44	16.95	Green Wave 20-29 Fed 77H (p)	258.12	223.18	7.39	
7900.00	7889.71	179.28	17.69	17.16	Green Wave 20-29 Fed 77H (p)	267.95	232.58	7.57	
8000.00	7989.22	179.30	17.94	17.38	Green Wave 20-29 Fed 77H (p)	277.78	241.97	7.76	
8100.00	8088.74	179.33	18.19	17.60	Green Wave 20-29 Fed 77H (p)	287.62	251.36	7.93	
8200.00	8188.25	179.35	18.44	17.81	Green Wave 20-29 Fed 77H (p)	297.45	260.75	8.11	
8300.00	8287.77	179.37	18.69	18.03	Green Wave 20-29 Fed 77H (p)	307.28	270.15	8.27	
8400.00	8387.29	179.39	18.94	18.25	Green Wave 20-29 Fed 77H (p)	317.11	279.54	8.44	
8500.00	8486.80	179.41	19.19	18.47	Green Wave 20-29 Fed 77H (p)	326.94	288.93	8.60	
8600.00	8586.32	179.42	19.45	18.69	Green Wave 20-29 Fed 77H (p)	336.78	298.32	8.76	
8700.00	8685.83	179.44	19.70	18.91	Green Wave 20-29 Fed 77H (p)	346.61	307.71	8.91	
8800.00	8785.35	179.46	19.96	19.13	Green Wave 20-29 Fed 77H (p)	356.44	317.10	9.06	
8900.00	8884.86	179.47	20.22	19.35	Green Wave 20-29 Fed 77H (p)	366.27	326.49	9.21	
9000.00	8984.38	179.48	20.48	19.57	Green Wave 20-29 Fed 77H (p)	376.10	335.88	9.35	
9100.00	9083.89	179.50	20.74	19.79	Green Wave 20-29 Fed 77H (p)	385.94	345.27	9.49	
9200.00	9183.41	179.51	20.99	20.01	Green Wave 20-29 Fed 77H (p)	395.77	354.65	9.63	
9300.00	9282.92	179.52	21.25	20.23	Green Wave 20-29 Fed 77H (p)	405.60	364.04	9.76	
9400.00	9382.44	179.53	21.52	20.45	Green Wave 20-29 Fed 77H (p)	415.43	373.43	9.89	
9500.00	9481.96	179.54	21.78	20.67	Green Wave 20-29 Fed 77H (p)	425.27	382.82	10.02	
9600.00	9581.47	179.55	22.04	20.90	Green Wave 20-29 Fed 77H (p)	435.10	392.20	10.14	
9700.00	9680.99	179.56	22.30	21.12	Green Wave 20-29 Fed 77H (p)	444.93	401.59	10.27	
9800.00	9780.50	179.57	22.57	21.34	Green Wave 20-29 Fed 77H (p)	454.76	410.98	10.39	

SD Anti-Collision Report

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference : All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S:Major (US ft)	S:Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
9900.00	9880.02	179.58	22.83	21.56	Green Wave 20-29 Fed 77H (p)	464.59	420.36	10.50	
10000.00	9979.53	179.59	23.09	21.79	Green Wave 20-29 Fed 77H (p)	474.43	429.75	10.62	
10100.00	10079.05	179.60	23.36	22.01	Green Wave 20-29 Fed 77H (p)	484.26	439.14	10.73	
10200.00	10178.56	179.61	23.62	22.23	Green Wave 20-29 Fed 77H (p)	494.09	448.52	10.84	
10300.00	10278.08	179.61	23.89	22.46	Green Wave 20-29 Fed 77H (p)	503.92	457.91	10.95	
10400.00	10377.59	179.62	24.16	22.68	Green Wave 20-29 Fed 77H (p)	513.76	467.29	11.06	
10500.00	10477.11	179.63	24.42	22.91	Green Wave 20-29 Fed 77H (p)	523.59	476.68	11.16	
10600.00	10576.63	179.64	24.69	23.13	Green Wave 20-29 Fed 77H (p)	533.42	486.06	11.26	
10700.00	10676.14	179.64	24.96	23.35	Green Wave 20-29 Fed 77H (p)	543.25	495.44	11.36	
10800.00	10775.66	179.65	25.23	23.58	Green Wave 20-29 Fed 77H (p)	553.09	504.83	11.46	
10900.00	10875.17	179.66	25.50	23.80	Green Wave 20-29 Fed 77H (p)	562.92	514.21	11.56	
11000.00	10974.69	179.66	25.77	24.03	Green Wave 20-29 Fed 77H (p)	572.75	523.60	11.65	
11100.00	11074.20	179.67	26.03	24.25	Green Wave 20-29 Fed 77H (p)	582.58	532.98	11.74	
11200.00	11173.72	179.67	26.30	24.48	Green Wave 20-29 Fed 77H (p)	592.41	542.36	11.84	
11300.00	11273.23	179.68	26.57	24.70	Green Wave 20-29 Fed 77H (p)	602.25	551.75	11.93	
11400.00	11372.76	179.68	26.84	24.93	Green Wave 20-29 Fed 77H (p)	611.98	561.03	12.01	
11500.00	11472.41	179.69	27.05	25.15	Green Wave 20-29 Fed 77H (p)	620.35	568.98	12.08	
11600.00	11572.19	179.69	27.25	25.36	Green Wave 20-29 Fed 77H (p)	626.97	575.19	12.11	
11700.00	11672.06	179.69	27.45	25.56	Green Wave 20-29 Fed 77H (p)	631.86	579.66	12.11	
11800.00	11772.01	179.70	27.64	25.75	Green Wave 20-29 Fed 77H (p)	635.00	582.39	12.07	
11900.00	11872.00	179.70	27.82	25.93	Green Wave 20-29 Fed 77H (p)	636.39	583.38	12.00	
12000.00	11972.00	93.28	28.00	26.12	Green Wave 20-29 Fed 77H (p)	636.47	583.03	11.91	
12100.00	12072.00	93.28	28.20	26.34	Green Wave 20-29 Fed 77H (p)	636.47	582.60	11.81	
12200.00	12171.79	273.73	28.21	26.54	Green Wave 20-29 Fed 77H (p)	635.66	581.32	11.70	
12300.00	12269.00	273.55	27.78	26.71	Green Wave 20-29 Fed 77H (p)	631.63	577.01	11.56	
12400.00	12360.07	273.19	27.07	26.84	Green Wave 20-29 Fed 77H (p)	626.37	571.46	11.41	

5D Anti-Collision Report

Primary Well	Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference; All Azimuth Relative to GRID NORTH)							
MD (US ft)	TVD (US ft)	T Face to Sec (p)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF
12500.00	12441.66	272.72	27.03	26.04	Green Wave 20-29 Fed 77H (p)	621.52	566.20	11.24
12600.00	12510.77	272.16	27.23	24.89	Green Wave 20-29 Fed 77H (p)	617.26	561.54	11.08
12700.00	12564.86	271.53	27.53	23.89	Green Wave 20-29 Fed 77H (p)	613.76	557.55	10.92
12800.00	12601.94	270.85	27.90	23.12	Green Wave 20-29 Fed 77H (p)	611.17	554.23	10.73
12900.00	12620.65	270.13	28.35	22.72	Green Wave 20-29 Fed 77H (p)	609.62	551.84	10.55
13000.00	12622.72	269.63	28.84	22.86	Green Wave 20-29 Fed 77H (p)	609.18	550.50	10.38
13100.00	12622.41	269.63	29.56	22.98	Green Wave 20-29 Fed 77H (p)	609.20	549.17	10.15
13200.00	12622.10	269.63	30.25	23.12	Green Wave 20-29 Fed 77H (p)	609.21	547.79	9.92
13300.00	12621.78	269.63	31.14	23.28	Green Wave 20-29 Fed 77H (p)	609.22	546.12	9.65
13400.00	12621.47	269.63	31.97	23.45	Green Wave 20-29 Fed 77H (p)	609.24	544.41	9.40
13500.00	12621.16	269.63	32.99	23.67	Green Wave 20-29 Fed 77H (p)	609.25	542.47	9.12
13600.00	12620.85	269.63	34.09	23.93	Green Wave 20-29 Fed 77H (p)	609.27	540.35	8.84
13700.00	12620.54	269.63	35.20	24.22	Green Wave 20-29 Fed 77H (p)	609.28	538.16	8.57
13800.00	12620.23	269.63	36.33	24.52	Green Wave 20-29 Fed 77H (p)	609.30	535.89	8.30
13900.00	12619.92	269.63	37.48	24.83	Green Wave 20-29 Fed 77H (p)	609.31	533.54	8.04
14000.00	12619.61	269.63	38.80	25.11	Green Wave 20-29 Fed 77H (p)	609.32	531.01	7.78
14100.00	12619.29	269.63	40.16	25.39	Green Wave 20-29 Fed 77H (p)	609.34	528.36	7.52
14200.00	12618.98	269.63	41.53	25.79	Green Wave 20-29 Fed 77H (p)	609.35	525.66	7.28
14300.00	12618.67	269.63	42.92	26.19	Green Wave 20-29 Fed 77H (p)	609.37	522.91	7.05
14400.00	12618.36	269.63	44.33	26.49	Green Wave 20-29 Fed 77H (p)	609.38	520.11	6.83
14500.00	12618.05	269.63	45.75	27.00	Green Wave 20-29 Fed 77H (p)	609.39	517.27	6.61
14600.00	12617.74	269.63	47.17	27.41	Green Wave 20-29 Fed 77H (p)	609.41	514.40	6.41
14700.00	12617.43	269.63	48.61	27.81	Green Wave 20-29 Fed 77H (p)	609.42	511.50	6.22
14800.00	12617.12	269.63	50.09	28.30	Green Wave 20-29 Fed 77H (p)	609.44	508.57	6.04
14900.00	12616.80	269.63	51.66	28.71	Green Wave 20-29 Fed 77H (p)	609.45	505.60	5.87
15000.00	12616.49	269.63	53.23	29.07	Green Wave 20-29 Fed 77H (p)	609.47	502.49	5.70

SD Anti-Collision Report

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference : All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
15100.00	12616.18	269.63	54.81	29.54	Green Wave 20-29 Fed 77H (p)	609.48	499.33	5.53	
15200.00	12615.87	269.63	56.38	30.07	Green Wave 20-29 Fed 77H (p)	609.49	496.14	5.38	
15300.00	12615.56	269.63	57.97	30.54	Green Wave 20-29 Fed 77H (p)	609.51	492.93	5.23	
15400.00	12615.25	269.63	59.61	30.99	Green Wave 20-29 Fed 77H (p)	609.52	489.70	5.09	
15500.00	12614.94	269.63	61.26	31.46	Green Wave 20-29 Fed 77H (p)	609.54	486.44	4.95	
15600.00	12614.62	269.63	62.92	32.03	Green Wave 20-29 Fed 77H (p)	609.55	483.16	4.82	
15700.00	12614.31	269.63	64.58	32.59	Green Wave 20-29 Fed 77H (p)	609.57	479.87	4.70	
15800.00	12614.00	269.63	66.26	33.14	Green Wave 20-29 Fed 77H (p)	609.58	476.56	4.58	
15900.00	12613.69	269.63	67.94	33.69	Green Wave 20-29 Fed 77H (p)	609.59	473.23	4.47	
16000.00	12613.38	269.63	69.62	34.24	Green Wave 20-29 Fed 77H (p)	609.61	469.89	4.36	
16100.00	12613.07	269.63	71.32	34.79	Green Wave 20-29 Fed 77H (p)	609.62	466.53	4.26	
16200.00	12612.76	269.63	73.02	35.35	Green Wave 20-29 Fed 77H (p)	609.64	463.16	4.16	
16300.00	12612.45	269.63	74.72	35.90	Green Wave 20-29 Fed 77H (p)	609.65	459.77	4.07	
16400.00	12612.13	269.63	76.43	36.47	Green Wave 20-29 Fed 77H (p)	609.66	456.38	3.98	
16500.00	12611.82	269.63	78.15	37.04	Green Wave 20-29 Fed 77H (p)	609.68	452.98	3.89	
16600.00	12611.51	269.63	79.87	37.61	Green Wave 20-29 Fed 77H (p)	609.69	449.56	3.81	
16700.00	12611.20	269.63	81.59	38.18	Green Wave 20-29 Fed 77H (p)	609.71	446.14	3.73	
16800.00	12610.89	269.63	83.32	38.76	Green Wave 20-29 Fed 77H (p)	609.72	442.70	3.65	
16900.00	12610.58	269.63	85.05	39.35	Green Wave 20-29 Fed 77H (p)	609.74	439.26	3.58	
17000.00	12610.27	269.63	86.79	39.94	Green Wave 20-29 Fed 77H (p)	609.75	435.81	3.51	
17100.00	12609.96	269.63	88.53	40.53	Green Wave 20-29 Fed 77H (p)	609.76	432.35	3.44	
17200.00	12609.64	269.63	90.27	41.13	Green Wave 20-29 Fed 77H (p)	609.78	428.89	3.37	
17300.00	12609.33	269.63	92.02	41.73	Green Wave 20-29 Fed 77H (p)	609.79	425.42	3.31	
17400.00	12609.02	269.63	93.77	42.36	Green Wave 20-29 Fed 77H (p)	609.81	421.94	3.25	
17500.00	12608.71	269.63	95.52	43.00	Green Wave 20-29 Fed 77H (p)	609.82	418.45	3.19	
17600.00	12608.40	269.63	97.28	43.63	Green Wave 20-29 Fed 77H (p)	609.84	414.96	3.13	

5D Anti-Collision Report

Primary Well : Green Wave 20-29 Fed 76H (p) (TVD Relative to Well TVD Reference : All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
17700.00	12608.09	269.63	99.03	44.27	Green Wave 20-29 Fed 77H (p)	609.85	411.47	3.07	
17800.00	12607.78	269.63	100.79	44.91	Green Wave 20-29 Fed 77H (p)	609.86	407.97	3.02	
17900.00	12607.47	269.63	102.56	45.55	Green Wave 20-29 Fed 77H (p)	609.88	404.47	2.97	
18000.00	12607.15	269.63	104.32	46.20	Green Wave 20-29 Fed 77H (p)	609.89	400.96	2.92	
18100.00	12606.84	269.63	106.09	46.85	Green Wave 20-29 Fed 77H (p)	609.91	397.44	2.87	
18200.00	12606.53	269.63	107.85	47.50	Green Wave 20-29 Fed 77H (p)	609.92	393.92	2.82	
18300.00	12606.22	269.63	109.62	48.15	Green Wave 20-29 Fed 77H (p)	609.93	390.40	2.78	
18400.00	12605.91	269.62	111.40	48.80	Green Wave 20-29 Fed 77H (p)	609.95	386.88	2.73	
18500.00	12605.60	269.62	113.17	49.46	Green Wave 20-29 Fed 77H (p)	609.96	383.35	2.69	
18600.00	12605.29	269.62	114.94	50.12	Green Wave 20-29 Fed 77H (p)	609.98	379.82	2.65	
18700.00	12604.98	269.62	116.72	50.78	Green Wave 20-29 Fed 77H (p)	609.99	376.28	2.61	
18800.00	12604.66	269.62	118.50	51.44	Green Wave 20-29 Fed 77H (p)	610.01	372.74	2.57	
18900.00	12604.35	269.62	120.28	52.10	Green Wave 20-29 Fed 77H (p)	610.02	369.20	2.53	
19000.00	12604.04	269.62	122.06	52.77	Green Wave 20-29 Fed 77H (p)	610.03	365.65	2.50	
19100.00	12603.73	269.62	123.84	53.44	Green Wave 20-29 Fed 77H (p)	610.05	362.10	2.46	
19200.00	12603.42	269.62	125.63	54.10	Green Wave 20-29 Fed 77H (p)	610.06	358.55	2.43	
19300.00	12603.11	269.62	127.41	54.77	Green Wave 20-29 Fed 77H (p)	610.08	355.00	2.39	
19400.00	12602.80	269.62	129.20	55.45	Green Wave 20-29 Fed 77H (p)	610.09	351.45	2.36	
19500.00	12602.49	269.62	130.99	56.12	Green Wave 20-29 Fed 77H (p)	610.10	347.89	2.33	
19600.00	12602.17	269.62	132.77	56.79	Green Wave 20-29 Fed 77H (p)	610.12	344.33	2.30	
19700.00	12601.86	269.62	134.56	57.47	Green Wave 20-29 Fed 77H (p)	610.13	340.77	2.27	
19800.00	12601.55	269.62	136.35	58.15	Green Wave 20-29 Fed 77H (p)	610.15	337.20	2.24	
19900.00	12601.24	269.62	138.15	58.83	Green Wave 20-29 Fed 77H (p)	610.16	333.64	2.21	
19977.15	12601.00	269.62	139.53	59.35	Green Wave 20-29 Fed 77H (p)	610.17	330.89	2.18	

5D Anti-Collision Report

Secondary Well : Green Wave 20-29 Fed 77H (p) (TVD Relative to Well TVD Reference (Primary)) : All Azimuth Relative to GRID NORTH									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	IES (US ft)	SF	Risk
0.00	0.00	0.00	89.71	0.00	0.00	49.95	49.38	88.15	
100.00	100.00	100.00	89.71	0.11	0.11	49.95	49.16	63.44	
200.00	200.00	200.00	89.71	0.34	0.34	49.95	48.71	40.38	
300.00	300.00	300.00	89.71	0.56	0.56	49.95	48.26	29.62	
400.00	400.00	400.00	89.71	0.79	0.79	49.95	47.81	23.38	
500.00	500.00	500.00	89.71	1.01	1.01	49.95	47.36	19.32	
600.00	600.00	600.00	89.71	1.24	1.24	49.95	46.92	16.46	
700.00	700.00	700.00	89.71	1.46	1.46	49.95	46.47	14.33	
800.00	800.00	800.00	89.71	1.69	1.69	49.95	46.02	12.69	
900.00	900.00	900.00	89.71	1.91	1.91	49.95	45.57	11.39	
1000.00	1000.00	1000.00	89.71	2.14	2.14	49.95	45.12	10.33	
1100.00	1100.00	1100.00	89.71	2.36	2.36	49.95	44.67	9.45	
1200.00	1200.00	1200.00	89.71	2.59	2.59	49.95	44.22	8.71	
1300.00	1300.00	1300.00	89.71	2.81	2.81	49.95	43.77	8.08	
1400.00	1400.00	1400.00	89.71	3.04	3.04	49.95	43.32	7.53	
1500.00	1500.00	1500.00	89.71	3.26	3.26	49.95	42.87	7.05	
1600.00	1600.00	1600.00	89.71	3.48	3.48	49.95	42.42	6.63	
1700.00	1700.00	1700.00	89.71	3.71	3.71	49.95	41.97	6.26	
1800.00	1800.00	1800.00	89.71	3.93	3.93	49.95	41.52	5.92	
1900.00	1900.00	1900.00	89.71	4.16	4.16	49.95	41.07	5.62	
2000.00	2000.00	2000.00	89.71	4.38	4.38	49.95	40.62	5.35	
2100.00	2100.00	2100.00	89.71	4.61	4.61	49.95	40.17	5.11	
2200.00	2200.00	2200.00	89.71	4.83	4.83	49.95	39.72	4.88	
2300.00	2300.00	2300.00	89.71	5.06	5.06	49.95	39.27	4.68	
2400.00	2400.00	2400.00	89.71	5.28	5.28	49.95	38.82	4.49	
2500.00	2500.00	2500.00	89.71	5.51	5.51	49.95	38.37	4.31	
2600.00	2600.00	2600.00	89.71	5.73	5.73	49.95	37.92	4.15	
2700.00	2700.00	2700.00	89.71	5.96	5.96	49.95	37.47	4.00	
2800.00	2800.00	2800.00	89.71	6.18	6.18	49.95	37.02	3.86	
2900.00	2900.00	2900.00	89.71	6.41	6.41	49.95	36.57	3.73	
3000.00	3000.00	3000.00	89.71	6.63	6.63	49.95	36.12	3.61	
3100.00	3100.00	3100.00	89.71	6.86	6.86	49.95	35.67	3.50	
3200.00	3200.00	3200.00	89.71	7.08	7.08	49.95	35.22	3.39	
3300.00	3300.00	3300.00	89.71	7.31	7.31	49.95	34.78	3.29	
3400.00	3400.00	3400.00	89.71	7.53	7.53	49.95	34.33	3.20	
3500.00	3500.00	3500.00	89.71	7.76	7.76	49.95	33.88	3.11	
3600.00	3600.00	3600.00	89.71	7.98	7.98	49.95	33.43	3.02	
3700.00	3700.00	3700.00	89.71	8.21	8.21	49.95	32.98	2.94	
3800.00	3800.00	3800.00	89.71	8.43	8.43	49.95	32.53	2.87	
3900.00	3900.00	3900.00	89.71	8.66	8.66	49.95	32.08	2.79	
4000.00	4000.00	4000.00	89.71	8.88	8.88	49.95	31.63	2.73	
4100.00	4100.00	4100.00	89.71	9.11	9.11	49.95	31.18	2.66	
4200.00	4200.00	4200.00	89.71	9.33	9.33	49.95	30.73	2.60	
4300.00	4300.00	4300.00	89.71	9.55	9.55	49.95	30.28	2.54	
4400.00	4400.00	4400.00	89.71	9.78	9.78	49.95	29.83	2.48	
4500.00	4500.00	4500.00	89.71	10.00	10.00	49.95	29.38	2.43	
4600.00	4600.00	4600.00	89.71	10.23	10.23	49.95	28.93	2.38	
4700.00	4700.00	4700.00	89.71	10.45	10.45	49.95	28.48	2.33	
4800.00	4800.00	4800.00	89.71	10.68	10.68	49.95	28.03	2.28	
4900.00	4900.00	4900.00	89.71	10.90	10.90	49.95	27.58	2.23	
5000.00	5000.00	5000.00	89.71	11.13	11.13	49.95	27.13	2.19	
5100.00	5100.00	5100.00	89.71	11.35	11.35	49.95	26.68	2.15	
5200.00	5200.00	5200.00	89.71	11.58	11.58	49.95	26.23	2.11	
5300.00	5300.00	5300.00	89.71	11.80	11.80	49.95	25.78	2.07	
5400.00	5400.00	5400.00	89.71	12.03	12.03	49.95	25.33	2.03	
5500.00	5499.99	5499.99	176.20	12.25	12.25	50.82	25.79	2.03	
5600.00	5599.96	5599.96	176.38	12.48	12.48	53.43	27.97	2.10	
5700.00	5699.86	5699.86	176.65	12.70	12.70	57.79	31.90	2.23	

SD Anti-Collision Report

Secondary Well: Green Wave 20-29 Feb 77H (P) (TVD Relative to Well TVD Reference (Primary)) All Azimuth Relative to GRID NORTH									
Pri MD (US.ft)	TVD (US.ft)	Sec MD (US.ft)	T.Face to Sec (°)	S.Major (US.ft)	S.Minor (US.ft)	CC (US.ft)	ES (US.ft)	SF	Risk
5800.00	5799.68	5799.68	176.97	12.93	12.93	63.88	37.57	2.43	
5900.00	5899.37	5899.37	177.29	13.15	13.15	71.72	44.98	2.68	
6000.00	5998.92	5998.92	177.61	13.37	13.37	81.18	54.01	2.99	
6100.00	6098.43	6098.43	177.87	13.60	13.60	91.01	63.41	3.30	
6200.00	6197.95	6197.95	178.07	13.82	13.82	100.83	72.81	3.60	
6300.00	6297.46	6297.46	178.25	14.05	14.05	110.66	82.22	3.89	
6400.00	6396.98	6396.98	178.39	14.27	14.27	120.49	91.62	4.17	
6500.00	6496.49	6496.49	178.51	14.49	14.49	130.32	101.02	4.45	
6600.00	6596.01	6596.01	178.61	14.72	14.72	140.15	110.42	4.71	
6700.00	6695.52	6695.52	178.71	14.94	14.94	149.98	119.82	4.97	
6800.00	6795.04	6795.04	178.79	15.16	15.16	159.81	129.22	5.22	
6900.00	6894.55	6894.55	178.86	15.39	15.39	169.64	138.62	5.47	
7000.00	6994.07	6994.07	178.92	15.61	15.61	179.47	148.01	5.71	
7100.00	7093.58	7093.58	178.97	15.84	15.84	189.30	157.41	5.94	
7200.00	7193.10	7193.10	179.03	16.06	16.06	199.13	166.81	6.16	
7300.00	7292.62	7292.62	179.07	16.28	16.28	208.96	176.21	6.38	
7400.00	7392.13	7392.13	179.11	16.51	16.51	218.79	185.60	6.59	
7500.00	7491.65	7491.65	179.15	16.73	16.73	228.63	195.00	6.80	
7600.00	7591.16	7591.16	179.19	16.95	16.95	238.46	204.39	7.00	
7700.00	7690.68	7690.68	179.22	17.18	17.18	248.29	213.79	7.20	
7800.00	7790.19	7790.19	179.25	17.40	17.40	258.12	223.18	7.39	
7900.00	7889.71	7889.71	179.28	17.63	17.63	267.95	232.58	7.57	
8000.00	7989.22	7989.22	179.30	17.85	17.85	277.78	241.97	7.76	
8100.00	8088.74	8088.74	179.33	18.07	18.07	287.62	251.36	7.93	
8200.00	8188.25	8188.25	179.35	18.30	18.30	297.45	260.75	8.11	
8300.00	8287.77	8287.77	179.37	18.52	18.52	307.28	270.15	8.27	
8400.00	8387.29	8387.29	179.39	18.74	18.74	317.11	279.54	8.44	
8500.00	8486.80	8486.80	179.41	18.97	18.97	326.94	288.93	8.60	
8600.00	8586.32	8586.32	179.42	19.19	19.19	336.78	298.32	8.76	
8700.00	8685.83	8685.83	179.44	19.41	19.41	346.61	307.71	8.91	
8800.00	8785.35	8785.35	179.46	19.64	19.64	356.44	317.10	9.06	
8900.00	8884.86	8884.86	179.47	19.86	19.86	366.27	326.49	9.21	
9000.00	8984.38	8984.38	179.48	20.09	20.09	376.10	335.88	9.35	
9100.00	9083.89	9083.89	179.50	20.31	20.31	385.94	345.27	9.49	
9200.00	9183.41	9183.41	179.51	20.53	20.53	395.77	354.65	9.63	
9300.00	9282.92	9282.92	179.52	20.76	20.76	405.60	364.04	9.76	
9400.00	9382.44	9382.44	179.53	20.98	20.98	415.43	373.43	9.89	
9500.00	9481.96	9481.96	179.54	21.20	21.20	425.27	382.82	10.02	
9600.00	9581.47	9581.47	179.55	21.43	21.43	435.10	392.20	10.14	
9700.00	9680.99	9680.99	179.56	21.65	21.65	444.93	401.59	10.27	
9800.00	9780.50	9780.50	179.57	21.88	21.88	454.76	410.98	10.39	
9900.00	9880.02	9880.02	179.58	22.10	22.10	464.59	420.36	10.50	
10000.00	9979.53	9979.53	179.59	22.32	22.32	474.43	429.75	10.62	
10100.00	10079.05	10079.05	179.60	22.55	22.55	484.26	439.14	10.73	
10200.00	10178.56	10178.56	179.61	22.77	22.77	494.09	448.52	10.84	
10300.00	10278.08	10278.08	179.61	22.99	22.99	503.92	457.91	10.95	
10400.00	10377.59	10377.59	179.62	23.22	23.22	513.76	467.29	11.06	
10500.00	10477.11	10477.11	179.63	23.44	23.44	523.59	476.68	11.16	
10600.00	10576.63	10576.63	179.64	23.67	23.67	533.42	486.06	11.26	
10700.00	10676.14	10676.14	179.64	23.89	23.89	543.25	495.44	11.36	
10800.00	10775.66	10775.66	179.65	24.11	24.11	553.09	504.83	11.46	
10900.00	10875.17	10875.17	179.66	24.34	24.34	562.92	514.21	11.56	
11000.00	10974.69	10974.69	179.66	24.56	24.56	572.75	523.60	11.65	
11100.00	11074.20	11074.20	179.67	24.78	24.78	582.58	532.98	11.74	
11200.00	11173.72	11173.72	179.67	25.01	25.01	592.41	542.36	11.84	
11300.00	11273.23	11273.23	179.68	25.23	25.23	602.25	551.75	11.93	
11400.00	11372.76	11372.76	179.68	25.46	25.46	611.98	561.03	12.01	
11500.00	11472.41	11472.41	179.69	25.68	25.68	620.35	568.98	12.08	

5D Anti-Collision Report

Secondary Well : Green Wave 20-29 Feb 77H (p) (TVD Relative to Well TVD Reference (Primary)) ; All Azimuth Relative to GRID NORTH)									
Prim MD (US ft)	TVD (US ft)	Sec MD (US ft)	Face to Sec (°)	S-Major (US ft)	S-Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
11600.00	11572.19	11572.19	179.69	25.90	25.90	626.97	575.19	12.11	
11700.00	11672.06	11672.06	179.69	26.13	26.13	631.86	579.66	12.11	
11800.00	11772.01	11772.01	179.70	26.35	26.35	635.00	582.39	12.07	
11900.00	11872.00	11872.00	179.70	26.58	26.58	636.39	583.38	12.00	
12000.00	11972.00	11972.00	93.28	26.80	26.80	636.47	583.03	11.91	
12100.00	12072.00	12072.00	93.28	27.03	27.03	636.47	582.60	11.81	
12200.00	12181.12	12181.41	273.73	27.24	27.09	635.66	581.32	11.70	
12300.00	12288.87	12292.99	273.55	27.41	26.73	631.63	577.01	11.56	
12400.00	12370.48	12383.68	273.19	27.55	26.11	626.37	571.46	11.41	
12500.00	12444.00	12474.22	272.72	27.70	25.33	621.52	566.20	11.24	
12600.00	12507.43	12564.87	272.16	27.89	24.50	617.26	561.54	11.08	
12700.00	12558.93	12655.88	271.53	28.15	23.72	613.76	557.55	10.92	
12800.00	12596.87	12747.50	270.85	28.46	23.12	611.17	554.23	10.73	
12900.00	12619.82	12839.98	270.13	28.86	22.77	609.62	551.84	10.55	
13000.00	12626.67	12934.04	269.63	29.33	22.76	609.18	550.50	10.38	
13100.00	12626.36	13034.04	269.63	29.95	22.85	609.20	549.17	10.15	
13200.00	12626.05	13134.04	269.63	30.65	22.96	609.21	547.79	9.92	
13300.00	12625.74	13234.04	269.63	31.45	23.13	609.22	546.12	9.65	
13400.00	12625.43	13334.04	269.63	32.32	23.33	609.24	544.41	9.40	
13500.00	12625.12	13434.04	269.63	33.28	23.55	609.25	542.47	9.12	
13600.00	12624.81	13534.04	269.63	34.30	23.78	609.27	540.35	8.84	
13700.00	12624.49	13634.04	269.63	35.39	24.03	609.28	538.16	8.57	
13800.00	12624.18	13734.04	269.63	36.54	24.29	609.30	535.89	8.30	
13900.00	12623.87	13834.04	269.63	37.74	24.55	609.31	533.54	8.04	
14000.00	12623.56	13934.04	269.63	38.99	24.82	609.32	531.01	7.78	
14100.00	12623.25	14034.04	269.63	40.28	25.11	609.34	528.36	7.52	
14200.00	12622.94	14134.04	269.63	41.61	25.50	609.35	525.66	7.28	
14300.00	12622.63	14234.04	269.63	42.98	25.87	609.37	522.91	7.05	
14400.00	12622.32	14334.04	269.63	44.39	26.20	609.38	520.11	6.83	
14500.00	12622.01	14434.04	269.63	45.82	26.56	609.39	517.27	6.61	
14600.00	12621.70	14534.04	269.63	47.28	27.01	609.41	514.40	6.41	
14700.00	12621.39	14634.04	269.63	48.76	27.33	609.42	511.50	6.22	
14800.00	12621.08	14734.04	269.63	50.27	27.84	609.44	508.57	6.04	
14900.00	12620.77	14834.04	269.63	51.80	28.20	609.45	505.60	5.87	
15000.00	12620.46	14934.04	269.63	53.35	28.71	609.47	502.49	5.70	
15100.00	12620.15	15034.04	269.63	54.91	29.11	609.48	499.33	5.53	
15200.00	12619.84	15134.04	269.63	56.49	29.65	609.49	496.14	5.38	
15300.00	12619.53	15234.04	269.63	58.08	30.06	609.51	492.93	5.23	
15400.00	12619.22	15334.04	269.63	59.69	30.58	609.52	489.70	5.09	
15500.00	12618.91	15434.04	269.63	61.31	31.12	609.54	486.44	4.95	
15600.00	12618.60	15534.04	269.63	62.94	31.62	609.55	483.16	4.82	
15700.00	12618.29	15634.04	269.63	64.58	32.09	609.57	479.87	4.70	
15800.00	12617.97	15734.04	269.63	66.24	32.55	609.58	476.56	4.58	
15900.00	12617.66	15834.04	269.63	67.90	33.13	609.59	473.23	4.47	
16000.00	12617.35	15934.04	269.63	69.57	33.71	609.61	469.89	4.36	
16100.00	12617.04	16034.04	269.63	71.24	34.28	609.62	466.53	4.26	
16200.00	12616.73	16134.04	269.63	72.93	34.85	609.64	463.16	4.16	
16300.00	12616.42	16234.04	269.63	74.62	35.41	609.65	459.77	4.07	
16400.00	12616.11	16334.04	269.63	76.31	35.98	609.66	456.38	3.98	
16500.00	12615.80	16434.04	269.63	78.02	36.55	609.68	452.98	3.89	
16600.00	12615.49	16534.04	269.63	79.73	37.12	609.69	449.56	3.81	
16700.00	12615.18	16634.04	269.63	81.44	37.69	609.71	446.14	3.73	
16800.00	12614.87	16734.04	269.63	83.16	38.27	609.72	442.70	3.65	
16900.00	12614.56	16834.04	269.63	84.88	38.85	609.74	439.26	3.58	
17000.00	12614.25	16934.04	269.63	86.61	39.44	609.75	435.81	3.51	
17100.00	12613.94	17034.04	269.63	88.34	40.03	609.76	432.35	3.44	
17200.00	12613.63	17134.04	269.63	90.07	40.62	609.78	428.89	3.37	
17300.00	12613.32	17234.04	269.63	91.81	41.22	609.79	425.42	3.31	

5D Anti-Collision Report

Secondary Well: Green Wave 20-29 Fed 77H (p) (TVD Relative to Well TVD Reference (Primary)) : All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
17400.00	12613.01	17334.04	269.63	93.55	41.82	609.81	421.94	3.25	
17500.00	12612.70	17434.04	269.63	95.30	42.42	609.82	418.45	3.19	
17600.00	12612.39	17534.04	269.63	97.05	43.03	609.84	414.96	3.13	
17700.00	12612.08	17634.04	269.63	98.80	43.65	609.85	411.47	3.07	
17800.00	12611.76	17734.04	269.63	100.55	44.29	609.86	407.97	3.02	
17900.00	12611.45	17834.04	269.63	102.31	44.94	609.88	404.47	2.97	
18000.00	12611.14	17934.04	269.63	104.07	45.58	609.89	400.96	2.92	
18100.00	12610.83	18034.04	269.63	105.83	46.23	609.91	397.44	2.87	
18200.00	12610.52	18134.04	269.63	107.59	46.88	609.92	393.92	2.82	
18300.00	12610.21	18234.04	269.63	109.36	47.53	609.93	390.40	2.78	
18400.00	12609.90	18334.04	269.62	111.13	48.18	609.95	386.88	2.73	
18500.00	12609.59	18434.04	269.62	112.90	48.84	609.96	383.35	2.69	
18600.00	12609.28	18534.04	269.62	114.67	49.49	609.98	379.82	2.65	
18700.00	12608.97	18634.04	269.62	116.44	50.15	609.99	376.28	2.61	
18800.00	12608.66	18734.04	269.62	118.22	50.81	610.01	372.74	2.57	
18900.00	12608.35	18834.04	269.62	119.99	51.47	610.02	369.20	2.53	
19000.00	12608.04	18934.04	269.62	121.77	52.14	610.03	365.65	2.50	
19100.00	12607.73	19034.04	269.62	123.55	52.80	610.05	362.10	2.46	
19200.00	12607.42	19134.04	269.62	125.33	53.47	610.06	358.55	2.43	
19300.00	12607.11	19234.04	269.62	127.11	54.14	610.08	355.00	2.39	
19400.00	12606.80	19334.04	269.62	128.89	54.81	610.09	351.45	2.36	
19500.00	12606.49	19434.04	269.62	130.68	55.48	610.10	347.89	2.33	
19600.00	12606.18	19534.04	269.62	132.46	56.16	610.12	344.33	2.30	
19700.00	12605.87	19634.04	269.62	134.25	56.83	610.13	340.77	2.27	
19800.00	12605.56	19734.04	269.62	136.04	57.51	610.15	337.20	2.24	
19900.00	12605.24	19834.04	269.62	137.83	58.18	610.16	333.64	2.21	
19977.15	12605.01	19911.19	269.62	139.21	58.71	610.17	330.89	2.18	

Secondary Well: Green Wave 20-29 Fed 78H Pilot (p) (TVD Relative to Well TVD Reference (Primary)) : All Azimuth Relative to GRID NORTH									
Pr MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	1.00	0.00	89.66	0.00	0.00	99.96	99.39	176.40	
100.00	100.00	99.00	89.66	0.11	0.11	99.95	99.16	127.04	
200.00	200.00	199.00	89.66	0.34	0.34	99.95	98.72	80.90	
300.00	300.00	299.00	89.66	0.56	0.56	99.95	98.27	59.33	
400.00	400.00	399.00	89.66	0.78	0.78	99.95	97.82	46.83	
500.00	500.00	499.00	89.66	1.01	1.01	99.95	97.37	38.68	
600.00	600.00	599.00	89.66	1.23	1.23	99.95	96.92	32.95	
700.00	700.00	699.00	89.66	1.46	1.46	99.95	96.47	28.70	
800.00	800.00	799.00	89.66	1.68	1.68	99.95	96.02	25.42	
900.00	900.00	899.00	89.66	1.91	1.91	99.95	95.57	22.81	
1000.00	1000.00	999.00	89.66	2.13	2.13	99.95	95.12	20.69	
1100.00	1100.00	1099.00	89.66	2.36	2.36	99.95	94.67	18.93	
1200.00	1200.00	1199.00	89.66	2.58	2.58	99.95	94.22	17.44	
1300.00	1300.00	1299.00	89.66	2.81	2.81	99.95	93.77	16.17	
1400.00	1400.00	1399.00	89.66	3.03	3.03	99.95	93.32	15.08	
1500.00	1500.00	1499.00	89.66	3.26	3.26	99.95	92.87	14.12	
1600.00	1600.00	1599.00	89.66	3.48	3.48	99.95	92.42	13.27	
1700.00	1700.00	1699.00	89.66	3.71	3.71	99.95	91.97	12.53	
1800.00	1800.00	1799.00	89.66	3.93	3.93	99.95	91.52	11.86	
1900.00	1900.00	1899.00	89.66	4.16	4.16	99.95	91.07	11.26	
2000.00	2000.00	1999.00	89.66	4.38	4.38	99.95	90.62	10.72	
2100.00	2100.00	2099.00	89.66	4.61	4.61	99.95	90.17	10.22	
2200.00	2200.00	2199.00	89.66	4.83	4.83	99.95	89.72	9.77	
2300.00	2300.00	2299.00	89.66	5.06	5.06	99.95	89.27	9.36	
2400.00	2400.00	2399.00	89.66	5.28	5.28	99.95	88.83	8.98	
2500.00	2500.00	2499.00	89.66	5.51	5.51	99.95	88.38	8.63	
2600.00	2600.00	2599.00	89.66	5.73	5.73	99.95	87.93	8.31	
2700.00	2700.00	2699.00	89.66	5.96	5.96	99.95	87.48	8.01	

5D Anti-Collision Report

Secondary Well : Green Wave 20-29 Feb 78H Pilot (p) (TVD Relative to Well TVD Reference (Primary)) : All Azimuth Relative to GRID NORTH									
Prim MD (US ft)	TVD (US ft)	Sec MD (US ft)	T-Face to Sec (°)	S-Major (US ft)	S-Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
2800.00	2800.00	2799.00	89.66	6.18	6.18	99.95	87.03	7.73	
2900.00	2900.00	2899.00	89.66	6.41	6.41	99.95	86.58	7.47	
3000.00	3000.00	2999.00	89.66	6.63	6.63	99.95	86.13	7.23	
3100.00	3100.00	3099.00	89.66	6.85	6.85	99.95	85.68	7.00	
3200.00	3200.00	3199.00	89.66	7.08	7.08	99.95	85.23	6.79	
3300.00	3300.00	3299.00	89.66	7.30	7.30	99.95	84.78	6.59	
3400.00	3400.00	3399.00	89.66	7.53	7.53	99.95	84.33	6.40	
3500.00	3500.00	3499.00	89.66	7.75	7.75	99.95	83.88	6.22	
3600.00	3600.00	3599.00	89.66	7.98	7.98	99.95	83.43	6.05	
3700.00	3700.00	3699.00	89.66	8.20	8.20	99.95	82.98	5.89	
3800.00	3800.00	3799.00	89.66	8.43	8.43	99.95	82.53	5.74	
3900.00	3900.00	3899.00	89.66	8.65	8.65	99.95	82.08	5.59	
4000.00	4000.00	3999.00	89.66	8.88	8.88	99.95	81.63	5.46	
4100.00	4100.00	4099.00	89.66	9.10	9.10	99.95	81.18	5.33	
4200.00	4200.00	4199.00	89.66	9.33	9.33	99.95	80.73	5.20	
4300.00	4300.00	4299.00	89.66	9.55	9.55	99.95	80.28	5.08	
4400.00	4400.00	4399.00	89.66	9.78	9.78	99.95	79.83	4.97	
4500.00	4500.00	4499.00	89.66	10.00	10.00	99.95	79.38	4.86	
4600.00	4600.00	4599.00	89.66	10.23	10.23	99.95	78.93	4.76	
4700.00	4700.00	4699.00	89.66	10.45	10.45	99.95	78.48	4.66	
4800.00	4800.00	4799.00	89.66	10.68	10.68	99.95	78.03	4.56	
4900.00	4900.00	4899.00	89.66	10.90	10.90	99.95	77.58	4.47	
5000.00	5000.00	4999.00	89.66	11.13	11.13	99.95	77.14	4.38	
5100.00	5100.00	5099.00	89.66	11.35	11.35	99.95	76.69	4.30	
5200.00	5200.00	5199.00	89.66	11.58	11.58	99.95	76.24	4.21	
5300.00	5300.00	5299.00	89.66	11.80	11.80	99.95	75.79	4.14	
5400.00	5400.00	5399.00	89.66	12.03	12.03	99.95	75.34	4.06	
5500.00	5498.36	5497.37	176.08	12.23	12.23	101.58	76.61	4.07	
5600.00	5596.42	5595.46	176.08	12.43	12.42	106.65	81.30	4.21	
5700.00	5694.09	5693.21	176.08	12.63	12.61	115.16	89.42	4.47	
5800.00	5791.15	5790.44	176.07	12.82	12.79	127.09	100.97	4.87	
5900.00	5887.43	5887.00	176.07	13.02	12.96	142.42	115.93	5.38	
6000.00	5983.11	5983.09	176.06	13.23	13.14	160.99	134.14	6.00	
6100.00	6080.71	6081.16	176.06	13.43	13.34	180.52	153.27	6.62	
6200.00	6178.31	6179.24	176.05	13.65	13.54	200.05	172.40	7.23	
6300.00	6275.90	6277.31	176.05	13.86	13.74	219.58	191.52	7.83	
6400.00	6373.50	6375.39	176.05	14.08	13.94	239.11	210.65	8.40	
6500.00	6471.10	6473.46	176.05	14.30	14.14	258.65	229.78	8.96	
6600.00	6568.70	6571.53	176.05	14.52	14.34	278.18	248.90	9.50	
6700.00	6666.30	6669.61	176.04	14.74	14.55	297.71	268.03	10.03	
6800.00	6763.89	6767.68	176.04	14.96	14.75	317.24	287.15	10.54	
6900.00	6861.49	6865.75	176.04	15.19	14.96	336.78	306.27	11.04	
7000.00	6959.09	6963.83	176.04	15.42	15.16	356.31	325.39	11.52	
7100.00	7056.69	7061.90	176.04	15.65	15.37	375.84	344.51	11.99	
7200.00	7154.28	7159.98	176.04	15.88	15.58	395.37	363.62	12.45	
7300.00	7251.88	7258.05	176.04	16.11	15.79	414.91	382.74	12.90	
7400.00	7349.48	7356.12	176.04	16.35	15.99	434.44	401.85	13.33	
7500.00	7447.08	7454.20	176.04	16.59	16.20	453.97	420.97	13.75	
7600.00	7544.68	7552.27	176.04	16.82	16.41	473.50	440.08	14.17	
7700.00	7642.27	7650.35	176.04	17.06	16.62	493.04	459.19	14.57	
7800.00	7739.87	7748.42	176.04	17.30	16.84	512.57	478.30	14.96	
7900.00	7837.47	7846.49	176.03	17.54	17.05	532.10	497.41	15.34	
8000.00	7935.07	7944.57	176.03	17.79	17.26	551.63	516.51	15.71	
8100.00	8032.66	8042.64	176.03	18.03	17.47	571.16	535.62	16.07	
8200.00	8130.26	8140.71	176.03	18.27	17.68	590.70	554.72	16.42	
8300.00	8227.86	8238.79	176.03	18.52	17.90	610.23	573.83	16.76	
8400.00	8325.46	8336.86	176.03	18.77	18.11	629.76	592.93	17.10	
8500.00	8423.06	8434.94	176.03	19.01	18.32	649.29	612.04	17.43	

5D Anti-Collision Report

Secondary Well	Green Wave 20-29 Fed 78H Pilot (p) (TVD Relative to Wall TVD Reference (Primary))					All Azimuth Relative to GRID NORTH			
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
8600.00	8520.65	8533.01	176.03	19.26	18.54	668.83	631.14	17.75	
8700.00	8618.25	8631.08	176.03	19.51	18.75	688.36	650.24	18.06	
8800.00	8715.85	8729.16	176.03	19.76	18.97	707.89	669.34	18.36	
8900.00	8813.45	8827.23	176.03	20.01	19.18	727.42	688.44	18.66	
9000.00	8911.04	8925.31	176.03	20.26	19.40	746.96	707.54	18.95	
9100.00	9008.64	9023.38	176.03	20.52	19.62	766.49	726.64	19.23	
9200.00	9106.24	9121.45	176.03	20.77	19.83	786.02	745.73	19.51	
9300.00	9203.84	9219.53	176.03	21.02	20.05	805.55	764.83	19.78	
9400.00	9301.44	9317.60	176.03	21.28	20.27	825.09	783.93	20.05	
9500.00	9399.03	9415.68	176.03	21.53	20.48	844.62	803.02	20.31	
9600.00	9496.63	9513.75	176.03	21.79	20.70	864.15	822.12	20.56	
9700.00	9594.23	9611.82	176.03	22.04	20.92	883.68	841.21	20.81	
9800.00	9691.83	9709.90	176.03	22.30	21.14	903.21	860.31	21.05	
9900.00	9789.42	9807.97	176.03	22.56	21.36	922.75	879.40	21.29	
10000.00	9887.02	9906.04	176.03	22.82	21.57	942.28	898.49	21.52	
10100.00	9984.62	10004.12	176.03	23.08	21.79	961.81	917.58	21.74	
10200.00	10082.22	10102.19	176.03	23.33	22.01	981.34	936.67	21.97	
10300.00	10179.82	10200.27	176.03	23.59	22.23	1000.88	955.76	22.18	
10400.00	10277.41	10298.34	176.03	23.85	22.45	1020.41	974.84	22.39	
10500.00	10375.01	10396.41	176.03	24.11	22.67	1039.94	993.93	22.60	
10600.00	10472.61	10494.49	176.03	24.38	22.89	1059.47	1013.02	22.81	
10700.00	10570.21	10592.56	176.03	24.64	23.11	1079.01	1032.11	23.01	
10800.00	10667.80	10690.64	176.03	24.90	23.33	1098.54	1051.19	23.20	
10900.00	10765.40	10788.71	176.03	25.16	23.55	1118.07	1070.28	23.39	
11000.00	10863.00	10886.78	176.03	25.42	23.77	1137.60	1089.36	23.58	
11100.00	10960.60	10984.86	176.03	25.69	23.99	1157.14	1108.45	23.77	
11200.00	11058.20	11082.93	176.03	25.95	24.21	1176.67	1127.53	23.95	
11300.00	11155.79	11181.01	176.03	26.21	24.43	1196.20	1146.62	24.13	
11400.00	11253.41	11279.10	176.03	26.48	24.65	1215.63	1165.61	24.30	
11500.00	11355.71	11381.89	176.04	26.75	24.89	1233.69	1183.25	24.45	
11600.00	11481.40	11508.03	176.04	27.02	25.16	1248.63	1197.68	24.51	
11700.00	11608.31	11635.18	176.05	27.28	25.42	1259.65	1208.20	24.48	
11800.00	11736.08	11763.06	176.05	27.53	25.67	1266.73	1214.81	24.40	
11900.00	11864.34	11891.34	176.05	27.76	25.91	1269.85	1217.48	24.25	
12000.00	11972.00	11999.00	89.63	27.96	26.12	1270.01	1217.23	24.07	
12100.00	12072.00	12099.00	89.63	28.16	26.33	1270.01	1216.81	23.87	
12200.00	12171.79	12198.79	269.93	28.37	26.55	1270.00	1216.38	23.68	
12300.00	12269.00	12296.00	268.96	28.56	26.75	1270.24	1216.22	23.52	
12400.00	12360.07	12387.07	267.44	28.75	26.95	1271.68	1217.32	23.39	
12500.00	12441.66	12468.66	265.80	28.92	27.13	1275.94	1221.33	23.37	
12600.00	12510.77	12537.77	264.56	29.06	27.28	1284.88	1229.95	23.39	
12700.00	12564.86	12591.86	264.25	29.17	27.39	1300.27	1244.94	23.50	
12800.00	12601.94	12628.94	265.31	29.24	27.47	1323.25	1267.68	23.81	
12900.00	12620.65	12647.65	268.04	29.28	27.51	1354.07	1298.18	24.23	
13000.00	12622.72	12649.72	270.08	29.29	27.52	1391.89	1335.80	24.81	
13100.00	12622.41	12649.41	270.09	29.29	27.52	1435.72	1379.32	25.46	
13200.00	12622.10	12649.10	270.11	29.29	27.52	1484.99	1428.38	26.23	
13300.00	12621.78	12648.79	270.12	29.29	27.52	1539.20	1482.44	27.12	
13400.00	12621.47	12648.47	270.14	29.28	27.51	1597.83	1540.69	27.97	
13500.00	12621.16	12648.16	270.15	29.28	27.51	1660.41	1603.01	28.93	
13600.00	12620.85	12647.85	270.16	29.28	27.51	1726.52	1668.94	29.98	
13700.00	12620.54	12647.54	270.18	29.28	27.51	1795.78	1738.01	31.09	
13800.00	12620.23	12647.23	270.19	29.28	27.51	1867.81	1809.81	32.20	
13900.00	12619.92	12646.92	270.21	29.28	27.51	1942.33	1884.17	33.39	
14000.00	12619.61	12646.61	270.22	29.28	27.51	2019.05	1960.66	34.58	
14100.00	12619.29	12646.29	270.23	29.28	27.51	2097.73	2039.18	35.83	
14200.00	12618.98	12645.98	270.25	29.28	27.51	2178.17	2119.51	37.13	
14300.00	12618.67	12645.67	270.26	29.28	27.51	2260.16	2201.39	38.46	

SD Anti-Collision Report

Secondary Well : Green Wave 20-29 Fed 78H Pilot (p) (TVD Relative to Well TVD Reference (Primary) : All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T-Face to Sec (°)	S-Major (US ft)	S-Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
14400.00	12618.36	12645.36	270.28	29.28	27.51	2343.55	2284.53	39.70	
14500.00	12618.05	12645.05	270.29	29.28	27.51	2428.20	2369.07	41.06	
14600.00	12617.74	12644.74	270.30	29.28	27.51	2513.98	2454.68	42.39	
14700.00	12617.43	12644.43	270.32	29.28	27.51	2600.77	2541.50	43.88	
14800.00	12617.12	12644.12	270.33	29.28	27.51	2688.48	2629.04	45.23	
14900.00	12616.80	12643.80	270.35	29.28	27.50	2777.02	2717.56	46.70	
15000.00	12616.49	12643.49	270.36	29.27	27.50	2866.31	2806.71	48.09	
15100.00	12616.18	12643.18	270.37	29.27	27.50	2956.29	2896.68	49.59	
15200.00	12615.87	12642.87	270.39	29.27	27.50	3046.90	2987.20	51.04	
15300.00	12615.56	12642.56	270.40	29.27	27.50	3138.07	3078.28	52.48	
15400.00	12615.25	12642.25	270.42	29.27	27.50	3229.77	3169.84	53.90	
15500.00	12614.94	12641.94	270.43	29.27	27.50	3321.95	3261.93	55.35	
15600.00	12614.62	12641.63	270.45	29.27	27.50	3414.57	3354.45	56.80	
15700.00	12614.31	12641.31	270.46	29.27	27.50	3507.59	3447.38	58.26	
15800.00	12614.00	12641.00	270.47	29.27	27.50	3600.98	3540.70	59.74	
15900.00	12613.69	12640.69	270.49	29.27	27.50	3694.73	3634.38	61.22	
16000.00	12613.38	12640.38	270.50	29.27	27.50	3788.79	3728.38	62.72	
16100.00	12613.07	12640.07	270.52	29.27	27.50	3883.15	3822.68	64.22	
16200.00	12612.76	12639.76	270.53	29.27	27.50	3977.78	3917.27	65.73	
16300.00	12612.45	12639.45	270.54	29.27	27.50	4072.67	4012.11	67.25	
16400.00	12612.13	12639.14	270.56	29.27	27.49	4167.80	4107.20	68.77	
16500.00	12611.82	12638.82	270.57	29.26	27.49	4263.16	4202.51	70.30	
16600.00	12611.51	12638.51	270.59	29.26	27.49	4358.72	4298.03	71.82	
16700.00	12611.20	12638.20	270.60	29.26	27.49	4454.47	4393.75	73.35	
16800.00	12610.89	12637.89	270.61	29.26	27.49	4550.41	4489.65	74.89	
16900.00	12610.58	12637.58	270.63	29.26	27.49	4646.52	4585.71	76.42	
17000.00	12610.27	12637.27	270.64	29.26	27.49	4742.79	4681.94	77.94	
17100.00	12609.96	12636.96	270.66	29.26	27.49	4839.21	4778.32	79.47	
17200.00	12609.64	12636.65	270.67	29.26	27.49	4935.78	4874.83	80.99	
17300.00	12609.33	12636.33	270.68	29.26	27.49	5032.48	4971.46	82.48	
17400.00	12609.02	12636.02	270.70	29.26	27.49	5129.30	5068.22	83.98	
17500.00	12608.71	12635.71	270.71	29.26	27.49	5226.24	5165.10	85.48	
17600.00	12608.40	12635.40	270.73	29.26	27.49	5323.30	5262.09	86.97	
17700.00	12608.09	12635.09	270.74	29.26	27.49	5420.47	5359.20	88.47	
17800.00	12607.78	12634.78	270.75	29.26	27.49	5517.73	5456.40	89.96	
17900.00	12607.47	12634.47	270.77	29.26	27.48	5615.09	5553.70	91.46	
18000.00	12607.15	12634.16	270.78	29.26	27.48	5712.55	5651.09	92.95	
18100.00	12606.84	12633.84	270.80	29.25	27.48	5810.09	5748.56	94.44	
18200.00	12606.53	12633.53	270.81	29.25	27.48	5907.71	5846.12	95.93	
18300.00	12606.22	12633.22	270.82	29.25	27.48	6005.41	5943.76	97.42	
18400.00	12605.91	12632.91	270.84	29.25	27.48	6103.18	6041.48	98.90	
18500.00	12605.60	12632.60	270.85	29.25	27.48	6201.03	6139.26	100.39	
18600.00	12605.29	12632.29	270.87	29.25	27.48	6298.94	6237.11	101.87	
18700.00	12604.98	12631.98	270.88	29.25	27.48	6396.92	6335.03	103.35	
18800.00	12604.66	12631.67	270.89	29.25	27.48	6494.96	6432.99	104.82	
18900.00	12604.35	12631.35	270.91	29.25	27.48	6593.06	6531.02	106.28	
19000.00	12604.04	12631.04	270.92	29.25	27.48	6691.21	6629.10	107.73	
19100.00	12603.73	12630.73	270.94	29.25	27.48	6789.42	6727.24	109.19	
19200.00	12603.42	12630.42	270.95	29.25	27.48	6887.68	6825.43	110.64	
19300.00	12603.11	12630.11	270.96	29.25	27.47	6985.99	6923.66	112.09	
19400.00	12602.80	12629.80	270.98	29.25	27.47	7084.34	7021.95	113.53	
19500.00	12602.49	12629.49	270.99	29.25	27.47	7182.75	7120.27	114.97	
19600.00	12602.17	12629.17	271.01	29.25	27.47	7281.19	7218.65	116.41	
19700.00	12601.86	12628.86	271.02	29.24	27.47	7379.68	7317.06	117.85	
19800.00	12601.55	12628.55	271.03	29.24	27.47	7478.21	7415.51	119.28	
19900.00	12601.24	12628.24	271.05	29.24	27.47	7576.77	7514.00	120.71	
19977.15	12601.00	12628.00	271.06	29.24	27.47	7652.84	7590.02	121.81	

5D Anti-Collision Report

Secondary Well: Green Wave 20-29 Fed 78H Lst (P) (TVD Relative to Well TVD Reference (Primary) : All Azimuth Relative to GRID NORTH)									
Pri MD (US.ft)	TVD (US.ft)	Sec MD (US.ft)	T Face to Sec (°)	S Major (US.ft)	S Minor (US.ft)	CC (US.ft)	ES (US.ft)	SF	Risk
0.00	12116.00	12143.00	86.25	28.25	26.43	12135.40	12113.62	557.19	
100.00	12116.00	12143.00	86.25	28.25	26.43	12035.56	12011.49	499.95	
200.00	12116.00	12143.00	86.25	28.25	26.43	11935.73	11911.65	495.62	
300.00	12116.00	12143.00	86.25	28.25	26.43	11835.89	11811.80	491.16	
400.00	12116.00	12143.00	86.25	28.25	26.43	11736.06	11711.95	486.59	
500.00	12116.00	12143.00	86.25	28.25	26.43	11636.24	11612.09	481.92	
600.00	12116.00	12143.00	86.25	28.25	26.43	11536.41	11512.23	477.16	
700.00	12116.00	12143.00	86.25	28.25	26.43	11436.59	11412.38	472.31	
800.00	12116.00	12143.00	86.25	28.25	26.43	11336.77	11312.52	467.40	
900.00	12116.00	12143.00	86.25	28.25	26.43	11236.96	11212.66	462.42	
1000.00	12116.00	12143.00	86.25	28.25	26.43	11137.15	11112.80	457.39	
1100.00	12116.00	12143.00	86.25	28.25	26.43	11037.34	11012.93	452.31	
1200.00	12116.00	12143.00	86.25	28.25	26.43	10937.53	10913.07	447.20	
1300.00	12116.00	12143.00	86.25	28.25	26.43	10837.73	10813.21	442.05	
1400.00	12116.00	12143.00	86.25	28.25	26.43	10737.93	10713.35	436.88	
1500.00	12116.00	12143.00	86.25	28.25	26.43	10638.14	10613.50	431.69	
1600.00	12116.00	12143.00	86.25	28.25	26.43	10538.35	10513.64	426.49	
1700.00	12116.00	12143.00	86.25	28.25	26.43	10438.56	10413.79	421.28	
1800.00	12116.00	12143.00	86.25	28.25	26.43	10338.78	10313.93	416.06	
1900.00	12116.00	12143.00	86.25	28.25	26.43	10239.00	10214.08	410.84	
2000.00	12116.00	12143.00	86.25	28.25	26.43	10139.23	10114.23	405.59	
2100.00	12116.00	12143.00	86.25	28.25	26.43	10039.46	10014.39	400.35	
2200.00	12116.00	12143.00	86.25	28.25	26.43	9939.70	9914.54	395.11	
2300.00	12116.00	12143.00	86.25	28.25	26.43	9839.94	9814.70	389.88	
2400.00	12116.00	12143.00	86.25	28.25	26.43	9740.19	9714.86	384.67	
2500.00	12116.00	12143.00	86.25	28.25	26.43	9640.44	9615.03	379.47	
2600.00	12116.00	12143.00	86.25	28.25	26.43	9540.69	9515.20	374.28	
2700.00	12116.00	12143.00	86.25	28.25	26.43	9440.95	9415.38	369.10	
2800.00	12116.00	12143.00	86.25	28.25	26.43	9341.22	9315.55	363.95	
2900.00	12116.00	12143.00	86.25	28.25	26.43	9241.49	9215.74	358.81	
3000.00	12116.00	12143.00	86.25	28.25	26.43	9141.77	9115.93	353.68	
3100.00	12116.00	12143.00	86.25	28.25	26.43	9042.06	9016.12	348.58	
3200.00	12116.00	12143.00	86.25	28.25	26.43	8942.35	8916.32	343.49	
3300.00	12116.00	12143.00	86.25	28.25	26.43	8842.65	8816.52	338.43	
3400.00	12116.00	12143.00	86.25	28.25	26.43	8742.95	8716.73	333.38	
3500.00	12116.00	12143.00	86.25	28.25	26.43	8643.26	8616.94	328.36	
3600.00	12116.00	12143.00	86.25	28.25	26.43	8543.58	8517.16	323.35	
3700.00	12116.00	12143.00	86.25	28.25	26.43	8443.91	8417.39	318.36	
3800.00	12116.00	12143.00	86.25	28.25	26.43	8344.24	8317.62	313.40	
3900.00	12116.00	12143.00	86.25	28.25	26.43	8244.59	8217.86	308.46	
4000.00	12116.00	12143.00	86.25	28.25	26.43	8144.94	8118.10	303.54	
4100.00	12116.00	12143.00	86.25	28.25	26.43	8045.30	8018.36	298.64	
4200.00	12116.00	12143.00	86.25	28.25	26.43	7945.67	7918.62	293.76	
4300.00	12116.00	12143.00	86.25	28.25	26.43	7846.04	7818.89	288.91	
4400.00	12116.00	12143.00	86.25	28.25	26.43	7746.43	7719.16	284.07	
4500.00	12116.00	12143.00	86.25	28.25	26.43	7646.83	7619.45	279.26	
4600.00	12116.00	12143.00	86.25	28.25	26.43	7547.24	7519.74	274.48	
4700.00	12116.00	12143.00	86.25	28.25	26.43	7447.66	7420.04	269.71	
4800.00	12116.00	12143.00	86.25	28.25	26.43	7348.09	7320.35	264.95	
4900.00	12116.00	12143.00	86.25	28.25	26.43	7248.53	7220.67	260.18	
5000.00	12116.00	12143.00	86.25	28.25	26.43	7148.99	7121.00	255.43	
5100.00	12116.00	12143.00	86.25	28.25	26.43	7049.45	7021.34	250.71	
5200.00	12116.00	12143.00	86.25	28.25	26.43	6949.94	6921.69	246.02	
5300.00	12116.00	12143.00	86.25	28.25	26.43	6850.43	6822.05	241.35	
5400.00	12116.00	12143.00	86.25	28.25	26.43	6750.94	6722.42	236.71	
5500.00	12116.00	12143.00	173.73	28.25	26.43	6651.56	6622.90	232.09	
5600.00	12116.00	12143.00	174.51	28.25	26.43	6552.41	6523.61	227.52	
5700.00	12116.00	12143.00	175.11	28.25	26.43	6453.53	6424.59	222.96	

SD Anti-Collision Report

Secondary Well - Green Wave 20-29 Feb 78H Lat (p) (TVD Relative to Well TVD Reference (Primary) - All Azimuth Relative to GRID NORTH)									
Prim MD (US.ft)	TVD (US.ft)	Sec MD (US.ft)	T Face to Sec (°)	S Major (US.ft)	S Minor (US.ft)	CC (US.ft)	ES (US.ft)	SF	Risk
5800.00	12116.00	12143.00	175.58	28.25	26.43	6354.97	6325.88	218.44	
5900.00	12116.00	12143.00	175.97	28.25	26.43	6256.78	6227.53	213.95	
6000.00	12116.00	12143.00	176.18	28.25	26.43	6158.96	6129.56	209.50	
6100.00	12116.00	12143.00	176.18	28.25	26.43	6061.30	6031.74	205.06	
6200.00	12116.00	12143.00	176.18	28.25	26.43	5963.71	5933.99	200.66	
6300.00	12116.00	12143.00	176.18	28.25	26.43	5866.20	5836.32	196.29	
6400.00	12116.00	12143.00	176.18	28.25	26.43	5768.78	5738.73	191.96	
6500.00	12116.00	12143.00	176.18	28.25	26.43	5671.45	5641.23	187.66	
6600.00	12116.00	12143.00	176.18	28.25	26.43	5574.21	5543.82	183.40	
6700.00	12116.00	12143.00	176.18	28.25	26.43	5477.08	5446.51	179.18	
6800.00	12116.00	12143.00	176.18	28.25	26.43	5380.04	5349.29	174.97	
6900.00	12116.00	12143.00	176.18	28.25	26.43	5283.12	5252.18	170.75	
7000.00	12116.00	12143.00	176.18	28.25	26.43	5186.32	5155.18	166.57	
7100.00	12116.00	12143.00	176.18	28.25	26.43	5089.63	5058.30	162.44	
7200.00	12116.00	12143.00	176.18	28.25	26.43	4993.08	4961.55	158.34	
7300.00	12116.00	12143.00	176.18	28.25	26.43	4896.67	4864.93	154.29	
7400.00	12116.00	12143.00	176.18	28.25	26.43	4800.41	4768.46	150.28	
7500.00	12116.00	12143.00	176.18	28.25	26.43	4704.30	4672.14	146.32	
7600.00	12116.00	12143.00	176.18	28.25	26.43	4608.35	4575.99	142.39	
7700.00	12116.00	12143.00	176.18	28.25	26.43	4512.58	4480.01	138.52	
7800.00	12116.00	12143.00	176.18	28.25	26.43	4417.00	4384.21	134.69	
7900.00	12116.00	12143.00	176.18	28.25	26.43	4321.62	4288.61	130.90	
8000.00	12116.00	12143.00	176.18	28.25	26.43	4226.46	4193.22	127.16	
8100.00	12116.00	12143.00	176.18	28.25	26.43	4131.52	4098.06	123.47	
8200.00	12116.00	12143.00	176.18	28.25	26.43	4036.82	4003.14	119.83	
8300.00	12116.00	12143.00	176.18	28.25	26.43	3942.39	3908.44	116.14	
8400.00	12116.00	12143.00	176.18	28.25	26.43	3848.24	3814.02	112.47	
8500.00	12116.00	12143.00	176.18	28.25	26.43	3754.39	3719.90	108.86	
8600.00	12116.00	12143.00	176.18	28.25	26.43	3660.87	3626.10	105.30	
8700.00	12116.00	12143.00	176.18	28.25	26.43	3567.70	3532.62	101.72	
8800.00	12116.00	12143.00	176.18	28.25	26.43	3474.91	3439.52	98.20	
8900.00	12116.00	12143.00	176.18	28.25	26.43	3382.53	3346.82	94.75	
9000.00	12116.00	12143.00	176.18	28.25	26.43	3290.59	3254.57	91.35	
9100.00	12116.00	12143.00	176.18	28.25	26.43	3199.14	3162.79	88.02	
9200.00	12116.00	12143.00	176.18	28.25	26.43	3108.21	3071.54	84.76	
9300.00	12116.00	12143.00	176.18	28.25	26.43	3017.86	2980.86	81.56	
9400.00	12116.00	12143.00	176.18	28.25	26.43	2928.14	2890.81	78.44	
9500.00	12116.00	12143.00	176.18	28.25	26.43	2839.10	2801.44	75.37	
9600.00	12116.00	12143.00	176.18	28.25	26.43	2750.82	2712.75	72.25	
9700.00	12116.00	12143.00	176.18	28.25	26.43	2663.37	2624.89	69.21	
9800.00	12116.00	12143.00	176.18	28.25	26.43	2576.83	2537.89	66.18	
9900.00	12116.00	12143.00	176.18	28.25	26.43	2491.29	2451.88	63.22	
10000.00	12116.00	12143.00	176.18	28.25	26.43	2406.87	2366.99	60.35	
10100.00	12116.00	12143.00	176.18	28.25	26.43	2323.69	2283.34	57.59	
10200.00	12116.00	12143.00	176.18	28.25	26.43	2241.89	2201.07	54.92	
10300.00	12116.00	12143.00	176.18	28.25	26.43	2161.61	2120.25	52.26	
10400.00	12116.00	12143.00	176.18	28.25	26.43	2083.04	2041.11	49.68	
10500.00	12116.00	12143.00	176.18	28.25	26.43	2006.38	1963.82	47.14	
10600.00	12116.00	12143.00	176.18	28.25	26.43	1931.86	1888.65	44.71	
10700.00	12116.00	12143.00	176.18	28.25	26.43	1859.73	1815.89	42.43	
10800.00	12116.00	12143.00	176.18	28.25	26.43	1790.28	1745.74	40.20	
10900.00	12116.00	12143.00	176.18	28.25	26.43	1723.83	1678.57	38.08	
11000.00	12116.00	12143.00	176.18	28.25	26.43	1660.75	1614.72	36.08	
11100.00	12116.00	12143.00	176.18	28.25	26.43	1601.44	1554.64	34.22	
11200.00	12116.00	12143.00	176.18	28.25	26.43	1546.32	1498.68	32.46	
11300.00	12116.00	12143.00	176.18	28.25	26.43	1495.87	1447.43	30.88	
11400.00	12116.00	12143.00	176.17	28.25	26.43	1450.47	1401.24	29.46	
11500.00	12116.00	12143.00	176.14	28.25	26.43	1409.44	1359.42	28.18	

5D Anti-Collision Report

Secondary Well - Green Wave 20-29 Feb 78H Lst (p) (TVD Relative to Well TVD Reference (Primary)) All Azimuth Relative to GRID NORTH									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
11600.00	12116.00	12143.00	176.11	28.25	26.43	1372.83	1322.07	27.04	
11700.00	12116.00	12143.00	176.09	28.25	26.43	1341.01	1289.66	26.11	
11800.00	12116.00	12143.00	176.07	28.25	26.43	1314.35	1262.34	25.27	
11900.00	12116.00	12143.00	176.05	28.25	26.43	1293.16	1240.62	24.61	
12000.00	12116.00	12143.00	89.63	28.25	26.43	1278.14	1225.29	24.18	
12100.00	12116.00	12143.00	89.63	28.25	26.43	1270.77	1217.50	23.86	
12200.00	12171.65	12198.75	270.06	28.17	26.53	1270.00	1216.39	23.69	
12300.00	12269.41	12298.72	269.94	27.90	26.71	1270.00	1216.03	23.53	
12400.00	12362.00	12399.21	269.82	27.22	26.79	1270.01	1215.82	23.43	
12500.00	12445.87	12500.22	269.70	27.07	26.17	1270.02	1215.38	23.24	
12600.00	12517.68	12601.72	269.60	27.25	25.05	1270.03	1215.07	23.10	
12700.00	12574.49	12703.65	269.51	27.54	24.00	1270.05	1214.46	22.85	
12800.00	12613.91	12805.95	269.44	27.94	23.21	1270.06	1213.69	22.53	
12900.00	12634.21	12908.53	269.39	28.44	22.77	1270.08	1212.79	22.17	
13000.00	12636.72	13009.97	269.37	28.97	22.91	1270.08	1211.82	21.80	
13100.00	12636.41	13109.97	269.37	29.63	23.02	1270.08	1210.44	21.29	
13200.00	12636.10	13209.97	269.37	30.38	23.16	1270.08	1209.01	20.80	
13300.00	12635.79	13309.97	269.37	31.24	23.32	1270.08	1207.26	20.22	
13400.00	12635.48	13409.97	269.37	32.05	23.49	1270.08	1205.59	19.69	
13500.00	12635.17	13509.97	269.37	33.13	23.70	1270.08	1203.52	19.08	
13600.00	12634.85	13609.97	269.37	34.21	23.96	1270.08	1201.31	18.47	
13700.00	12634.54	13709.97	269.37	35.31	24.25	1270.08	1199.08	17.89	
13800.00	12634.23	13809.97	269.37	36.43	24.55	1270.08	1196.82	17.34	
13900.00	12633.92	13909.97	269.37	37.62	24.84	1270.08	1194.49	16.80	
14000.00	12633.61	14009.97	269.37	38.96	25.14	1270.08	1191.85	16.23	
14100.00	12633.30	14109.97	269.37	40.31	25.41	1270.08	1189.12	15.69	
14200.00	12632.99	14209.97	269.37	41.68	25.82	1270.08	1186.36	15.17	
14300.00	12632.68	14309.97	269.37	43.06	26.21	1270.08	1183.56	14.68	
14400.00	12632.36	14409.97	269.37	44.47	26.54	1270.08	1180.73	14.22	
14500.00	12632.05	14509.97	269.37	45.88	27.01	1270.08	1177.89	13.78	
14600.00	12631.74	14609.97	269.37	47.31	27.45	1270.08	1175.04	13.36	
14700.00	12631.43	14709.97	269.37	48.74	27.84	1270.08	1172.19	12.97	
14800.00	12631.12	14809.97	269.37	50.24	28.28	1270.08	1169.31	12.60	
14900.00	12630.81	14909.97	269.37	51.80	28.72	1270.08	1166.38	12.25	
15000.00	12630.50	15009.97	269.37	53.37	29.06	1270.08	1163.22	11.89	
15100.00	12630.19	15109.97	269.37	54.93	29.57	1270.08	1160.01	11.54	
15200.00	12629.88	15209.97	269.37	56.53	30.08	1270.08	1156.77	11.21	
15300.00	12629.56	15309.97	269.37	58.15	30.55	1270.08	1153.50	10.90	
15400.00	12629.25	15409.97	269.37	59.79	30.99	1270.08	1150.22	10.60	
15500.00	12628.94	15509.97	269.37	61.44	31.49	1270.08	1146.92	10.31	
15600.00	12628.63	15609.97	269.37	63.10	32.05	1270.08	1143.61	10.04	
15700.00	12628.32	15709.97	269.37	64.76	32.61	1270.08	1140.27	9.78	
15800.00	12628.01	15809.97	269.37	66.43	33.15	1270.08	1136.93	9.54	
15900.00	12627.70	15909.97	269.37	68.11	33.70	1270.08	1133.56	9.30	
16000.00	12627.39	16009.97	269.37	69.80	34.25	1270.08	1130.19	9.08	
16100.00	12627.07	16109.97	269.37	71.49	34.80	1270.08	1126.80	8.86	
16200.00	12626.76	16209.97	269.37	73.19	35.35	1270.08	1123.40	8.66	
16300.00	12626.45	16309.97	269.37	74.89	35.91	1270.08	1119.99	8.46	
16400.00	12626.14	16409.97	269.37	76.60	36.47	1270.08	1116.56	8.27	
16500.00	12625.83	16509.97	269.37	78.32	37.04	1270.08	1113.13	8.09	
16600.00	12625.52	16609.97	269.37	80.04	37.61	1270.08	1109.69	7.92	
16700.00	12625.21	16709.97	269.37	81.76	38.18	1270.08	1106.24	7.75	
16800.00	12624.90	16809.97	269.37	83.49	38.76	1270.08	1102.78	7.59	
16900.00	12624.59	16909.97	269.37	85.22	39.35	1270.08	1099.32	7.44	
17000.00	12624.27	17009.97	269.37	86.96	39.94	1270.08	1095.84	7.29	
17100.00	12623.96	17109.97	269.37	88.70	40.53	1270.08	1092.36	7.15	
17200.00	12623.65	17209.97	269.37	90.44	41.13	1270.08	1088.87	7.01	
17300.00	12623.34	17309.97	269.37	92.19	41.74	1270.08	1085.38	6.88	

5D Anti-Collision Report

Secondary Well: Green Wave 20-29 Fed 78H Lat (p) (TVD Relative to Well TVD Reference (Primary): All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
17400.00	12623.03	17409.97	269.37	93.93	42.37	1270.08	1081.88	6.75	
17500.00	12622.72	17509.97	269.37	95.69	43.00	1270.08	1078.38	6.63	
17600.00	12622.41	17609.97	269.37	97.44	43.64	1270.08	1074.87	6.51	
17700.00	12622.10	17709.97	269.37	99.20	44.27	1270.08	1071.35	6.39	
17800.00	12621.78	17809.97	269.37	100.96	44.91	1270.08	1067.83	6.28	
17900.00	12621.47	17909.97	269.37	102.72	45.55	1270.08	1064.31	6.17	
18000.00	12621.16	18009.97	269.37	104.48	46.20	1270.08	1060.78	6.07	
18100.00	12620.85	18109.97	269.37	106.25	46.85	1270.08	1057.24	5.97	
18200.00	12620.54	18209.97	269.37	108.02	47.50	1270.08	1053.71	5.87	
18300.00	12620.23	18309.97	269.37	109.79	48.15	1270.08	1050.17	5.78	
18400.00	12619.92	18409.97	269.37	111.56	48.80	1270.08	1046.62	5.68	
18500.00	12619.61	18509.97	269.37	113.33	49.46	1270.08	1043.08	5.59	
18600.00	12619.30	18609.97	269.37	115.11	50.11	1270.08	1039.52	5.51	
18700.00	12618.98	18709.97	269.37	116.88	50.77	1270.08	1035.97	5.43	
18800.00	12618.67	18809.97	269.37	118.66	51.44	1270.08	1032.41	5.34	
18900.00	12618.36	18909.97	269.37	120.44	52.10	1270.08	1028.85	5.27	
19000.00	12618.05	19009.97	269.37	122.22	52.76	1270.08	1025.29	5.19	
19100.00	12617.74	19109.97	269.37	124.00	53.43	1270.08	1021.73	5.11	
19200.00	12617.43	19209.97	269.37	125.79	54.10	1270.08	1018.16	5.04	
19300.00	12617.12	19309.97	269.37	127.57	54.77	1270.08	1014.59	4.97	
19400.00	12616.81	19409.97	269.37	129.36	55.44	1270.08	1011.01	4.90	
19500.00	12616.49	19509.97	269.37	131.15	56.11	1270.08	1007.44	4.84	
19600.00	12616.18	19609.97	269.37	132.93	56.79	1270.08	1003.86	4.77	
19700.00	12615.87	19709.97	269.37	134.72	57.46	1270.08	1000.28	4.71	
19800.00	12615.56	19809.97	269.37	136.51	58.14	1270.08	996.70	4.65	
19900.00	12615.25	19909.97	269.37	138.30	58.82	1270.08	993.12	4.59	
19977.15	12615.01	19987.12	269.37	139.69	59.34	1270.08	990.36	4.54	

**Weatherford****Weatherford Drilling Services**

GeoDec4 v2.1.0.0

Report Date: May 06, 2015
Job Number: _____
Customer: Devon Energy
Well Name: Green Wave 20-29 Fed 76H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad83 NME
Block: _____
Engineer: RWJ

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 375210.52 US Survey Foot	Latitude: 32.028708 Degree
East: 803702.93 US Survey Foot	Longitude: -103.48671 Degree
Convergence: 0.45°	
Declination: 7.19°	
Total Correction: 6.74°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 01' 43.35" N
Longitude = 103° 29' 12.16" W

Magnetic Declination = 7.19 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6731
Local Field Strength = 48036 nT	Magnetic Vector X = 23901 nT
Magnetic Dip = 59.90 deg	Magnetic Vector Y = 3013 nT
Magnetic Model = bggm2014.dat	Magnetic Vector Z = 41559 nT
Run Date = October 15, 2015	Magnetic Vector H = 24090 nT

Signed: _____ Date: _____