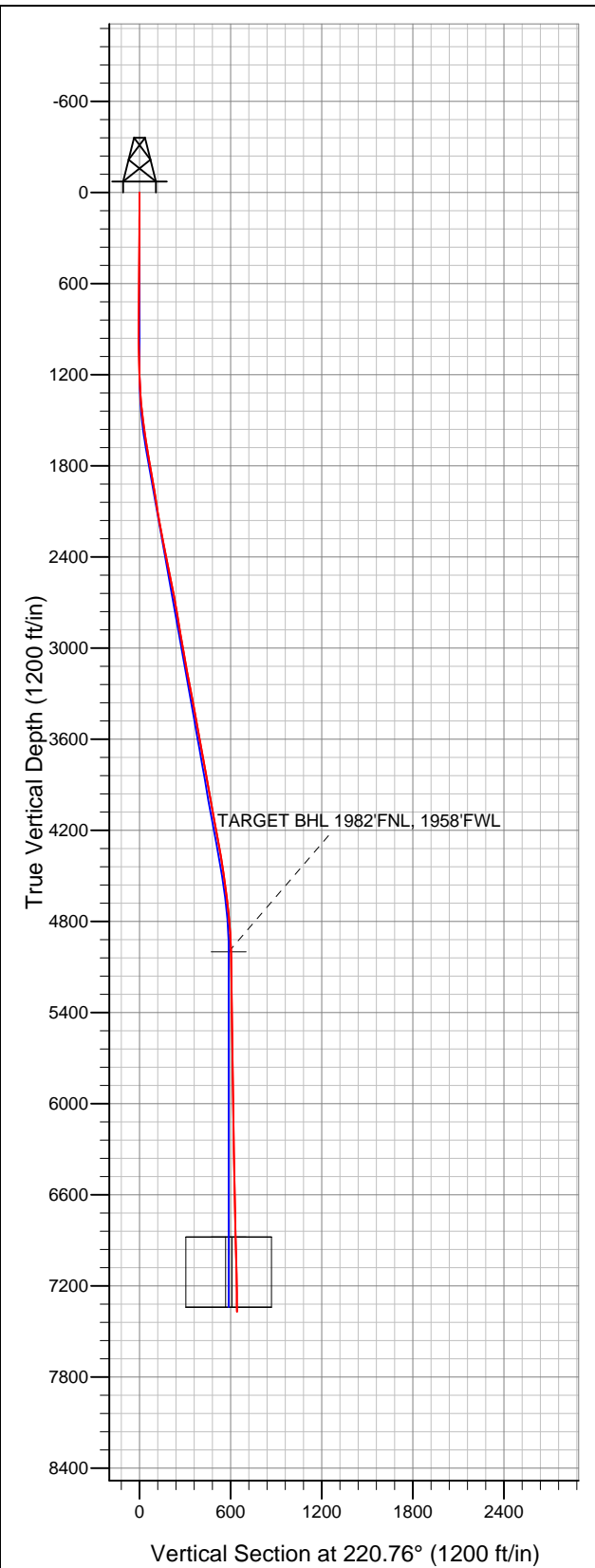


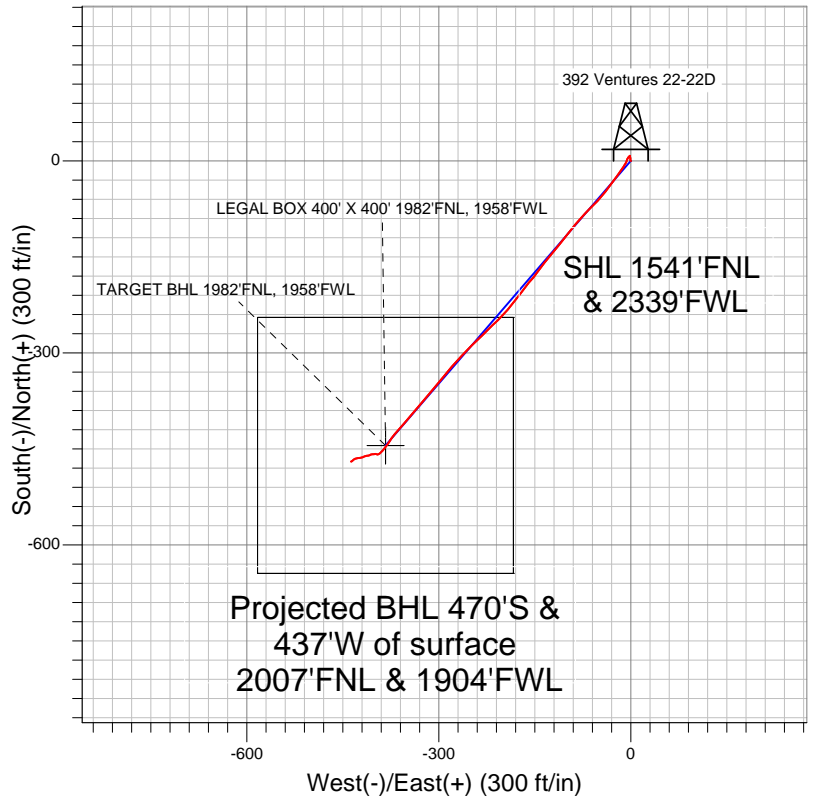
Well Name: 392 Ventures 22-22D

Surface Location: 392 Ventures Pad Sec.22-T6N-R67W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 4783.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1416646.76	3172297.29	40.475445	-104.880667	
		Original Well Elev	WELL @ 4799.0ft (Original Well Elev)			



Peterson Energy Operating Inc.- Weld County, CO



LEGEND

- Survey #1
- 392 Ventures 22-22D, Wellbore #1, Plan #2 (1-11-12) R V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
 7422'MD & 7370'TVD @ 641'VS
 0.40 deg Inc 225.30 deg AZ

Project: SEC.22-T6N-R67W
 Site: 392 Ventures Pad Sec.22-T6N-R67W
 Well: 392 Ventures 22-22D
 Plan: Wellbore #1



Peterson Energy Operating Inc.- Weld County, CO

SEC.22-T6N-R67W

392 Ventures Pad Sec.22-T6N-R67W

392 Ventures 22-22D

Wellbore #1

Survey: Survey #1

Standard Survey Report

19 January, 2012

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)
Main Survey	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	91.0	0.70	344.60	91.0	0.5	-0.1	-0.3	0.77	0.77	0.00
	183.0	0.90	340.80	183.0	1.8	-0.5	-1.0	0.22	0.22	-4.13
	274.0	0.60	20.30	274.0	2.9	-0.6	-1.8	0.64	-0.33	43.41
	397.0	0.60	355.30	397.0	4.1	-0.4	-2.8	0.21	0.00	-20.33
	427.0	1.10	331.20	427.0	4.5	-0.6	-3.1	2.01	1.67	-80.33
	557.0	1.20	349.00	556.9	7.0	-1.4	-4.3	0.28	0.08	13.69
	681.0	0.20	124.50	680.9	8.1	-1.5	-5.2	1.09	-0.81	109.27
	806.0	0.30	123.40	805.9	7.8	-1.1	-5.2	0.08	0.08	-0.88
	931.0	0.50	213.60	930.9	7.2	-1.1	-4.7	0.47	0.16	72.16
	1,056.0	0.30	319.60	1,055.9	7.0	-1.6	-4.2	0.52	-0.16	84.80
	1,181.0	2.00	227.10	1,180.9	5.7	-3.4	-2.1	1.63	1.36	-74.00

Company:	Peterson Energy Operating Inc.- Weld County, CO	Local Co-ordinate Reference:	Well 392 Ventures 22-22D
Project:	SEC.22-T6N-R67W	TVD Reference:	WELL @ 4799.0ft (Original Well Elev)
Site:	392 Ventures Pad Sec.22-T6N-R67W	MD Reference:	WELL @ 4799.0ft (Original Well Elev)
Well:	392 Ventures 22-22D	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)
1,305.0	3.60	197.20	1,304.8	0.5	-6.2	3.6	1.71	1.29	-24.11
1,430.0	6.70	212.50	1,429.2	-9.4	-11.2	14.4	2.69	2.48	12.24
1,555.0	7.70	217.80	1,553.3	-22.1	-20.3	30.0	0.96	0.80	4.24
1,680.0	9.20	216.90	1,676.9	-36.7	-31.4	48.3	1.20	1.20	-0.72
1,805.0	9.80	216.60	1,800.2	-53.3	-43.8	68.9	0.48	0.48	-0.24
1,929.0	9.50	228.40	1,922.4	-68.5	-57.7	89.6	1.61	-0.24	9.52
2,054.0	9.10	221.00	2,045.8	-82.8	-71.9	109.7	1.01	-0.32	-5.92
2,179.0	10.40	221.80	2,169.0	-98.7	-85.9	130.9	1.05	1.04	0.64
2,304.0	10.50	216.70	2,291.9	-116.3	-100.2	153.5	0.74	0.08	-4.08
2,429.0	11.70	220.20	2,414.6	-135.1	-115.2	177.5	1.10	0.96	2.80
2,553.0	11.70	218.10	2,536.0	-154.6	-131.1	202.7	0.34	0.00	-1.69
2,678.0	10.50	216.60	2,658.7	-173.7	-145.7	226.7	0.99	-0.96	-1.20
2,803.0	9.10	221.50	2,781.8	-190.2	-159.1	247.9	1.30	-1.12	3.92
2,928.0	9.80	214.50	2,905.2	-206.4	-171.6	268.4	1.08	0.56	-5.60
3,053.0	10.10	219.10	3,028.3	-223.7	-184.6	289.9	0.68	0.24	3.68
3,177.0	10.50	225.40	3,150.3	-240.0	-199.5	312.1	0.96	0.32	5.08
3,302.0	11.00	224.70	3,273.1	-256.5	-216.0	335.3	0.41	0.40	-0.56
3,427.0	10.30	225.00	3,395.9	-272.9	-232.3	358.3	0.56	-0.56	0.24
3,552.0	10.20	226.30	3,518.9	-288.4	-248.2	380.5	0.20	-0.08	1.04
3,677.0	10.50	223.30	3,641.9	-304.4	-264.0	402.9	0.49	0.24	-2.40
3,801.0	10.60	220.70	3,763.8	-321.3	-279.2	425.6	0.39	0.08	-2.10
3,926.0	10.20	219.80	3,886.8	-338.5	-293.7	448.2	0.35	-0.32	-0.72
4,051.0	9.40	219.50	4,009.9	-354.9	-307.3	469.4	0.64	-0.64	-0.24
4,176.0	10.90	219.90	4,133.0	-371.8	-321.4	491.5	1.20	1.20	0.32
4,301.0	10.30	219.30	4,255.8	-389.5	-336.1	514.4	0.49	-0.48	-0.48
4,425.0	9.60	222.10	4,378.0	-405.8	-350.0	535.9	0.69	-0.56	2.26
4,550.0	8.50	222.70	4,501.4	-420.3	-363.3	555.5	0.88	-0.88	0.48
4,675.0	7.00	212.90	4,625.3	-433.5	-373.7	572.3	1.60	-1.20	-7.84
4,800.0	5.60	216.00	4,749.5	-444.8	-381.4	585.9	1.15	-1.12	2.48
4,925.0	3.70	221.80	4,874.1	-452.7	-387.7	596.0	1.56	-1.52	4.64
5,049.0	2.30	234.90	4,997.9	-457.2	-392.4	602.4	1.25	-1.13	10.56
5,050.7	2.28	235.10	4,999.6	-457.2	-392.4	602.5	1.28	-1.19	11.68
TARGET BHL 1982'FNL, 1958'FWL									
5,174.0	1.00	270.40	5,122.9	-458.6	-395.5	605.6	1.28	-1.04	28.63
5,299.0	0.90	297.30	5,247.9	-458.1	-397.5	606.5	0.36	-0.08	21.52
5,424.0	0.80	250.40	5,372.8	-458.0	-399.2	607.5	0.55	-0.08	-37.52
5,549.0	0.60	271.60	5,497.8	-458.3	-400.6	608.7	0.26	-0.16	16.96
5,673.0	1.20	265.30	5,621.8	-458.3	-402.6	610.0	0.49	0.48	-5.08
5,798.0	1.10	264.50	5,746.8	-458.6	-405.1	611.8	0.08	-0.08	-0.64
5,923.0	1.40	236.30	5,871.8	-459.5	-407.5	614.1	0.54	0.24	-22.56
6,048.0	1.40	258.40	5,996.7	-460.7	-410.3	616.8	0.43	0.00	17.68
6,173.0	0.70	280.70	6,121.7	-460.8	-412.6	618.4	0.64	-0.56	17.84
6,297.0	1.00	252.90	6,245.7	-461.0	-414.3	619.7	0.40	0.24	-22.42
6,422.0	1.00	243.70	6,370.7	-461.8	-416.4	621.6	0.13	0.00	-7.36
6,547.0	1.00	240.40	6,495.7	-462.8	-418.3	623.7	0.05	0.00	-2.64
6,672.0	1.60	260.40	6,620.6	-463.7	-421.0	626.0	0.59	0.48	16.00
6,797.0	1.70	268.70	6,745.6	-464.0	-424.5	628.6	0.21	0.08	6.64
6,921.0	2.30	253.70	6,869.5	-464.8	-428.8	632.0	0.64	0.48	-12.10
6,927.8	2.26	252.88	6,876.3	-464.8	-429.0	632.2	0.81	-0.65	-12.08
LEGAL BOX 400' X 400' 1982'FNL, 1958'FWL									
7,046.0	1.60	231.90	6,994.4	-466.5	-432.5	635.8	0.81	-0.55	-17.75
7,171.0	1.00	221.70	7,119.4	-468.4	-434.6	638.6	0.51	-0.48	-8.16
7,296.0	0.70	258.10	7,244.4	-469.4	-436.1	640.3	0.48	-0.24	29.12

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
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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)
7,376.0	0.40	225.30	7,324.4	-469.7	-436.8	640.9	0.53	-0.38	-41.00
7,422.0	0.40	225.30	7,370.4	-469.9	-437.0	641.3	0.00	0.00	0.00

Checked By: _____	Approved By: _____	Date: _____
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