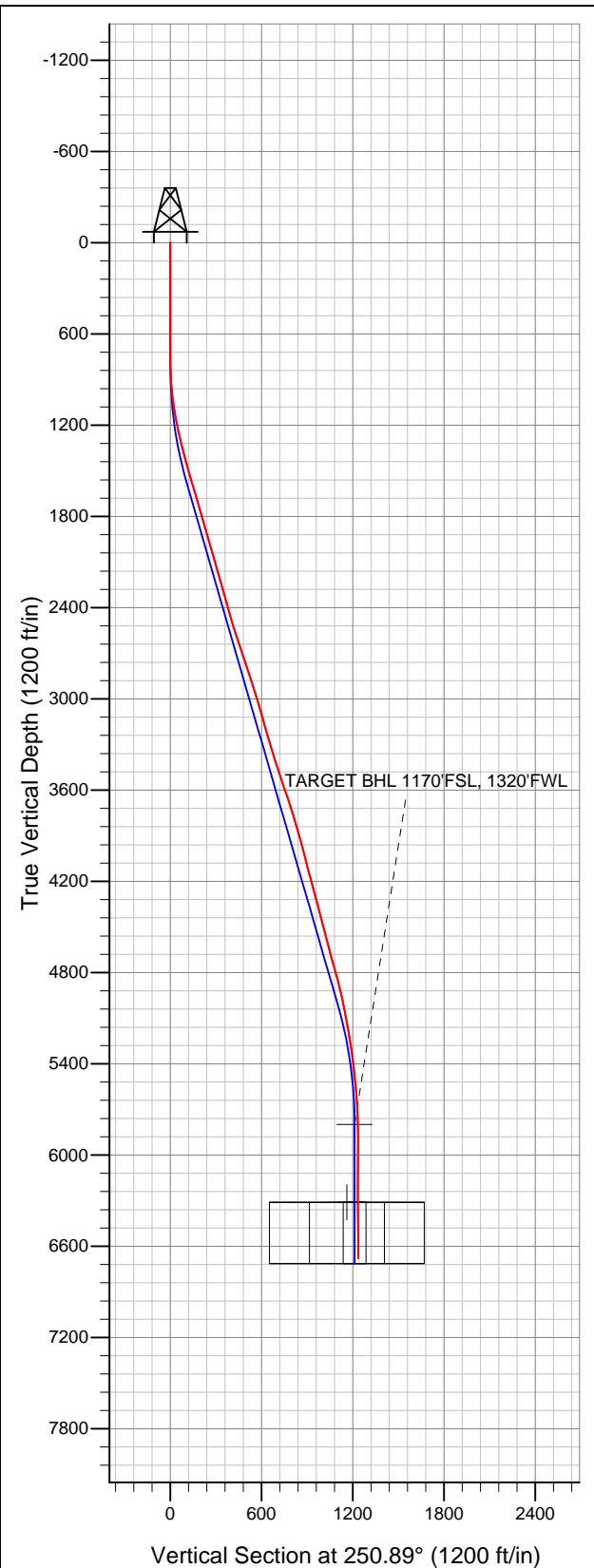


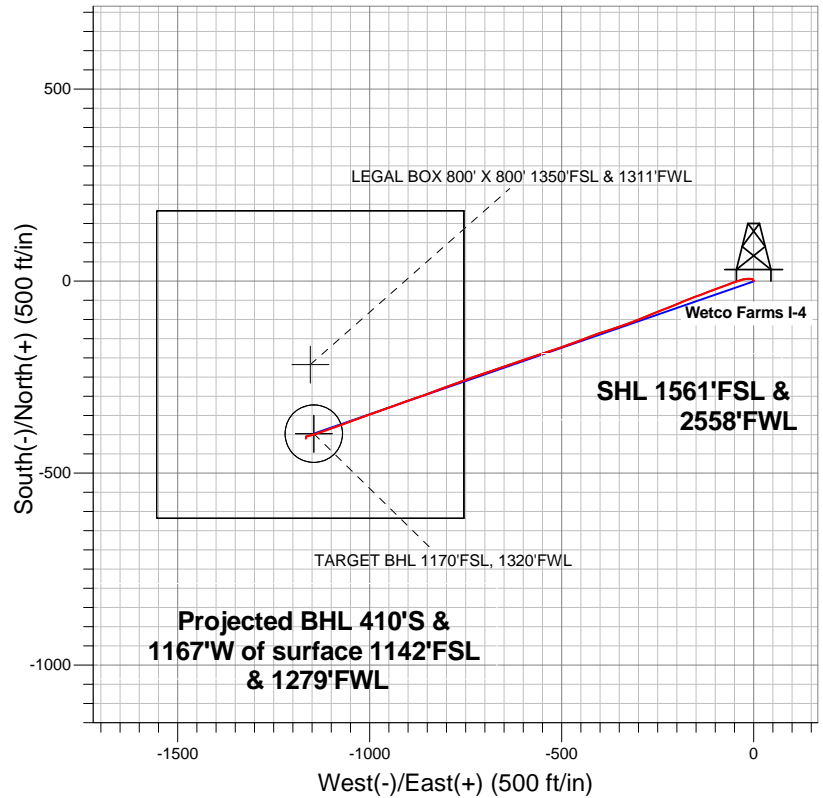
Well Name: Wetco Farms I-4

Surface Location: Wetco Farms I-4 Pad Sec.4-T4N-R63W
North American Datum 1983 US State Plane 1983Colorado Northern Zone
Ground Elevation: 4606.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1367765.60	3294558.06	40.338100	-104.443320	
Original Well Elev			WELL @ 4619.0ft (Original Well Elev)			



BONANZA CREEK ENERGY OPERATING



- LEGEND**
- Wellbore #1
 - Wetco Farms I-4, Wellbore #1, Plan #2 (4-26-12) V0
 - Survey #1

Final Survey Plot

Projected Final Survey -
6845'MD & 6680'TVD @ 1236'VS
0.80 deg Inc 183.10 deg AZ

Project: SEC.4-T4N-R63W
Site: Wetco Farms I-4 Pad Sec.4-T4N-R63W
Well: Wetco Farms I-4
Plan: Wellbore #1



BONANZA CREEK ENERGY OPERATING

SEC.4-T4N-R63W

Wetco Farms I-4 Pad Sec.4-T4N-R63W

Wetco Farms I-4

Wellbore #1

Survey: Survey #1

Standard Survey Report

19 June, 2012

Company:	BONANZA CREEK ENERGY OPERATING	Local Co-ordinate Reference:	Well Wetco Farms I-4
Project:	SEC.4-T4N-R63W	TVD Reference:	WELL @ 4619.0ft (Original Well Elev)
Site:	Wetco Farms I-4 Pad Sec.4-T4N-R63W	MD Reference:	WELL @ 4619.0ft (Original Well Elev)
Well:	Wetco Farms I-4	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.4-T4N-R63W, 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		Wetco Farms I-4 Pad Sec.4-T4N-R63W			
Site Position:		Northing:	1,367,780.41 ft	Latitude:	40.338140 °
From:	Lat/Long	Easting:	3,294,577.40 ft	Longitude:	-104.443250 °
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.68 °

Well	Wetco Farms I-4					
Well Position	+N/-S	0.0 ft	Northing:	1,367,765.60 ft	Latitude:	40.338100
	+E/-W	0.0 ft	Easting:	3,294,558.06 ft	Longitude:	-104.443320
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,606.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/26/2012	8.57	67.02	53,044

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 (°)	
	5,800.0	0.0	0.0	250.89	

Survey Program		Date	6/19/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
405.0	6,845.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey	Wellbore Data									
	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)
Survey A	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	405.0	0.70	330.40	405.0	2.2	-1.2	0.5	0.17	0.17	0.00
	743.0	0.30	312.50	743.0	4.5	-2.9	1.2	0.13	-0.12	-5.30
	767.0	0.40	346.40	767.0	4.7	-3.0	1.3	0.94	0.42	141.25
	859.0	2.90	288.20	858.9	5.7	-5.2	3.1	2.95	2.72	-63.26
	951.0	5.30	269.10	950.7	6.4	-11.7	9.0	2.97	2.61	-20.76
	1,043.0	7.00	262.40	1,042.2	5.6	-21.5	18.5	2.00	1.85	-7.28
	1,135.0	10.10	255.00	1,133.1	2.7	-34.9	32.1	3.57	3.37	-8.04
	1,227.0	12.50	249.00	1,223.3	-2.9	-52.0	50.1	2.90	2.61	-6.52
	1,319.0	14.00	250.10	1,312.9	-10.3	-71.7	71.1	1.65	1.63	1.20
	1,411.0	14.90	249.70	1,402.0	-18.2	-93.3	94.1	0.98	0.98	-0.43
	1,503.0	15.60	248.70	1,490.7	-26.8	-115.9	118.3	0.81	0.76	-1.09
1,595.0	15.80	249.90	1,579.3	-35.6	-139.2	143.2	0.41	0.22	1.30	

Company:	BONANZA CREEK ENERGY OPERATING	Local Co-ordinate Reference:	Well Wetco Farms I-4
Project:	SEC.4-T4N-R63W	TVD Reference:	WELL @ 4619.0ft (Original Well Elev)
Site:	Wetco Farms I-4 Pad Sec.4-T4N-R63W	MD Reference:	WELL @ 4619.0ft (Original Well Elev)
Well:	Wetco Farms I-4	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)	
1,687.0	16.80	248.50	1,667.6	-44.7	-163.3	169.0	1.17	1.09	-1.52	
1,781.0	15.90	247.10	1,757.8	-54.7	-187.8	195.4	1.05	-0.96	-1.49	
1,875.0	15.70	248.30	1,848.3	-64.5	-211.5	220.9	0.41	-0.21	1.28	
1,969.0	16.40	249.00	1,938.6	-73.9	-235.7	246.9	0.77	0.74	0.74	
2,063.0	16.50	248.30	2,028.7	-83.6	-260.5	273.5	0.24	0.11	-0.74	
2,157.0	16.10	247.30	2,119.0	-93.6	-284.9	299.8	0.52	-0.43	-1.06	
2,251.0	16.00	247.80	2,209.3	-103.5	-308.9	325.8	0.18	-0.11	0.53	
2,344.0	15.70	251.10	2,298.8	-112.4	-332.7	351.2	1.02	-0.32	3.55	
2,438.0	15.80	251.10	2,389.2	-120.7	-356.8	376.7	0.11	0.11	0.00	
2,563.0	16.10	253.40	2,509.4	-131.1	-389.6	411.0	0.56	0.24	1.84	
2,689.0	18.90	248.50	2,629.6	-143.6	-425.3	448.9	2.51	2.22	-3.89	
2,814.0	18.80	249.40	2,747.9	-158.1	-463.0	489.2	0.25	-0.08	0.72	
2,938.0	17.30	250.80	2,865.8	-171.2	-499.1	527.7	1.26	-1.21	1.13	
3,063.0	17.40	251.80	2,985.1	-183.2	-534.4	564.9	0.25	0.08	0.80	
3,189.0	15.90	252.20	3,105.8	-194.3	-568.7	601.0	1.19	-1.19	0.32	
3,312.0	16.40	250.30	3,224.0	-205.3	-601.1	635.2	0.59	0.41	-1.54	
3,436.0	16.70	251.70	3,342.8	-216.8	-634.5	670.5	0.40	0.24	1.13	
3,562.0	18.10	251.00	3,463.1	-228.9	-670.2	708.2	1.12	1.11	-0.56	
3,687.0	19.00	250.30	3,581.6	-242.1	-707.7	748.0	0.74	0.72	-0.56	
3,812.0	17.60	249.90	3,700.2	-255.4	-744.6	787.2	1.12	-1.12	-0.32	
3,936.0	17.30	251.50	3,818.5	-267.7	-779.7	824.4	0.46	-0.24	1.29	
4,061.0	15.30	250.40	3,938.5	-279.1	-812.9	859.5	1.62	-1.60	-0.88	
4,186.0	13.60	247.80	4,059.5	-290.2	-842.0	890.7	1.46	-1.36	-2.08	
4,311.0	16.20	251.00	4,180.3	-301.5	-872.1	922.8	2.18	2.08	2.56	
4,436.0	14.60	251.10	4,300.8	-312.2	-903.5	956.0	1.28	-1.28	0.08	
4,560.0	14.10	248.70	4,421.0	-322.8	-932.4	986.7	0.63	-0.40	-1.94	
4,686.0	14.50	251.50	4,543.1	-333.4	-961.7	1,017.8	0.63	0.32	2.22	
4,811.0	15.30	249.90	4,663.9	-344.0	-992.0	1,049.9	0.72	0.64	-1.28	
4,936.0	16.00	250.10	4,784.2	-355.5	-1,023.7	1,083.7	0.56	0.56	0.16	
5,061.0	13.60	249.90	4,905.1	-366.4	-1,053.7	1,115.6	1.92	-1.92	-0.16	
5,186.0	10.60	249.60	5,027.3	-375.5	-1,078.3	1,141.8	2.40	-2.40	-0.24	
5,311.0	10.80	251.00	5,150.1	-383.3	-1,100.1	1,165.0	0.26	0.16	1.12	
5,436.0	8.90	251.80	5,273.3	-390.2	-1,120.4	1,186.4	1.52	-1.52	0.64	
5,561.0	7.10	250.80	5,397.0	-395.7	-1,136.9	1,203.8	1.44	-1.44	-0.80	
5,685.0	5.60	251.50	5,520.3	-400.2	-1,149.8	1,217.5	1.21	-1.21	0.56	
5,811.0	3.90	260.80	5,645.8	-402.8	-1,159.9	1,227.8	1.48	-1.35	7.38	
5,937.0	1.30	236.40	5,771.7	-404.3	-1,165.3	1,233.4	2.20	-2.06	-19.37	
5,965.1	1.05	233.26	5,799.7	-404.6	-1,165.8	1,234.0	0.93	-0.90	-11.19	
TARGET BHL 1170'FSL, 1320'FWL										
6,063.0	0.30	177.30	5,897.7	-405.4	-1,166.5	1,234.9	0.93	-0.76	-57.13	
6,188.0	0.10	29.80	6,022.7	-405.6	-1,166.4	1,234.9	0.31	-0.16	-118.00	
6,313.0	0.20	38.80	6,147.7	-405.4	-1,166.2	1,234.7	0.08	0.08	7.20	
6,437.0	0.30	140.20	6,271.7	-405.4	-1,165.9	1,234.4	0.32	0.08	81.77	
6,475.3	0.38	175.53	6,310.0	-405.6	-1,165.8	1,234.4	0.58	0.22	92.19	
LEGAL BOX 800' X 800' 1350'FSL & 1311'FWL										
6,476.2	0.39	176.13	6,310.9	-405.7	-1,165.8	1,234.4	0.58	0.36	67.07	
TARGET CIRCLE 1170'FSL & 1320'FEL										
6,562.0	0.80	204.90	6,396.7	-406.5	-1,166.0	1,234.9	0.58	0.48	33.54	
6,687.0	0.50	183.50	6,521.7	-407.8	-1,166.4	1,235.7	0.30	-0.24	-17.12	
6,799.0	0.80	183.10	6,633.7	-409.1	-1,166.5	1,236.2	0.27	0.27	-0.36	
6,845.0	0.80	183.10	6,679.7	-409.7	-1,166.5	1,236.4	0.00	0.00	0.00	

Company:	BONANZA CREEK ENERGY OPERATING	Local Co-ordinate Reference:	Well Wetco Farms I-4
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Well:	Wetco Farms I-4	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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