



Comet Ridge

COMET RIDGE RESOURCES, LLC

FREMONT COUNTY, CO

CROAKER 11-10

CROAKER 11-10

CROAKER 11-10

Survey: Survey #1

Standard Survey Report

13 May, 2011



Weatherford®

Company:	COMET RIDGE RESOURCES, LLC	Local Co-ordinate Reference:	Well CROAKER 11-10
Project:	FREMONT COUNTY, CO	TVD Reference:	WELL @ 5560.10ft (Original Well Elev)
Site:	CROAKER 11-10	MD Reference:	WELL @ 5560.10ft (Original Well Elev)
Well:	CROAKER 11-10	North Reference:	True
Wellbore:	CROAKER 11-10	Survey Calculation Method:	Minimum Curvature
Design:	CROAKER 11-10	Database:	EDM 2003.21 Single User Db

Project	FREMONT COUNTY, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	CROAKER 11-10		
Site Position:		Northing:	1,181,058.10 ft
From:	Lat/Long	Easting:	3,114,054.87 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	38° 19' 47.230 N
		Longitude:	105° 6' 8.723 W
		Grid Convergence:	0.25 °

Well	CROAKER 11-10		
Well Position	+N/-S	0.00 ft	Northing: 1,181,058.10 ft
	+E/-W	0.00 ft	Easting: 3,114,054.87 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	38° 19' 47.230 N
		Longitude:	105° 6' 8.723 W
		Ground Level:	5,549.10 ft

Wellbore	CROAKER 11-10				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	4/6/2011	8.86	65.33	51,963

Design	CROAKER 11-10			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	287.02

Survey Program	Date	5/13/2011		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
662.00	3,277.00	Survey #1 (CROAKER 11-10)	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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
662.00	1.62	131.38	661.91	-6.19	7.02	-8.53	0.24	0.24	0.00	
725.00	1.91	137.16	724.88	-7.54	8.40	-10.24	0.54	0.46	9.17	
817.00	0.19	103.00	816.86	-8.70	9.60	-11.72	1.91	-1.87	-37.13	
939.00	0.44	136.12	938.86	-9.09	10.12	-12.33	0.25	0.20	27.15	
1,034.00	0.44	148.62	1,033.86	-9.66	10.56	-12.92	0.10	0.00	13.16	
1,130.00	0.50	144.00	1,129.86	-10.31	11.00	-13.54	0.07	0.06	-4.81	
1,225.00	0.69	133.25	1,224.85	-11.04	11.66	-14.38	0.23	0.20	-11.32	
1,321.00	0.94	121.00	1,320.84	-11.84	12.75	-15.66	0.32	0.26	-12.76	
1,415.00	1.00	139.62	1,414.83	-12.87	13.95	-17.10	0.34	0.06	19.81	
1,510.00	1.06	140.37	1,509.81	-14.17	15.04	-18.53	0.06	0.06	0.79	
1,574.00	2.19	288.50	1,573.80	-14.24	14.26	-17.81	4.91	1.77	231.45	
1,605.00	4.25	290.87	1,604.75	-13.64	12.63	-16.07	6.66	6.65	7.65	

Company:	COMET RIDGE RESOURCES, LLC	Local Co-ordinate Reference:	Well CROAKER 11-10
Project:	FREMONT COUNTY, CO	TVD Reference:	WELL @ 5560.10ft (Original Well Elev)
Site:	CROAKER 11-10	MD Reference:	WELL @ 5560.10ft (Original Well Elev)
Well:	CROAKER 11-10	North Reference:	True
Wellbore:	CROAKER 11-10	Survey Calculation Method:	Minimum Curvature
Design:	CROAKER 11-10	Database:	EDM 2003.21 Single User Db

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)	
1,701.00	10.31	299.12	1,699.93	-8.19	1.79	-4.11	6.39	6.31	8.59	
1,732.00	12.38	299.50	1,730.33	-5.20	-3.53	1.85	6.68	6.68	1.23	
1,796.00	16.56	301.25	1,792.28	2.91	-17.30	17.40	6.57	6.53	2.73	
1,890.00	22.80	300.62	1,880.75	19.15	-44.46	48.11	6.64	6.64	-0.67	
1,989.00	28.81	294.25	1,969.85	38.74	-82.76	90.47	6.68	6.07	-6.43	
2,082.00	32.88	291.62	2,049.68	57.25	-126.68	137.89	4.61	4.38	-2.83	
2,177.00	37.25	290.25	2,127.42	76.72	-177.65	192.32	4.67	4.60	-1.44	
2,272.00	39.75	283.87	2,201.80	93.96	-234.14	251.39	4.94	2.63	-6.72	
2,368.00	39.44	283.00	2,275.77	108.18	-293.65	312.45	0.66	-0.32	-0.91	
2,462.00	38.88	281.62	2,348.66	120.83	-351.64	371.61	1.10	-0.60	-1.47	
2,557.00	38.94	286.62	2,422.60	135.38	-409.47	431.16	3.31	0.06	5.26	
2,653.00	42.05	288.12	2,495.60	154.02	-468.95	493.49	3.39	3.24	1.56	
2,747.00	44.69	288.37	2,563.92	174.23	-530.25	558.02	2.81	2.81	0.27	
2,842.00	45.69	288.25	2,630.87	195.40	-594.23	625.40	1.06	1.05	-0.13	
TOP TGT										
2,848.89	45.63	288.22	2,635.69	196.94	-598.91	630.32	0.86	-0.81	-0.42	
2,873.00	45.44	288.12	2,652.58	202.31	-615.26	647.53	0.86	-0.81	-0.42	
2,937.00	46.13	288.25	2,697.21	216.62	-658.84	693.39	1.09	1.08	0.20	
3,032.00	45.56	286.87	2,763.39	237.19	-723.82	761.54	1.20	-0.60	-1.45	
3,127.00	45.25	285.87	2,830.08	256.26	-788.72	829.19	0.82	-0.33	-1.05	
LAST SVY										
3,223.00	44.65	284.30	2,898.03	273.91	-854.20	896.96	1.31	-0.63	-1.64	
PROJ SVY - PBHL CROAKER 11-10										
3,277.00	44.65	284.30	2,936.44	283.28	-890.98	934.87	0.00	0.00	0.00	

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
3,223.00	2,898.03	273.91	-854.20	LAST SVY	
3,277.00	2,936.44	283.28	-890.98	PROJ SVY	

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------