



**Bill Barrett Corporation**

Well Name and Number:

**Dixon Federal 11C-23-692**

Garfield County, Colorado

Directional Services Provided By:

**Sharewell Energy Services**





June 27, 2012

**Troy Schindler**  
VP Drilling

**Bill Barrett Corp.**  
**1099 18<sup>th</sup> Street**  
**Suite 2300**  
**Denver, CO 80202**

Well Reference:      **Dixon SWNW-23-692**  
                             **Dixon Federal 11C-23-692**  
                             **Garfield County, Colorado**

Troy,

Enclosed you will find our End of Well Report for the above referenced well.

If you have any questions or comments, please do not hesitate to contact me at anytime.

Thank you very much for your confidence and this opportunity to serve **Bill Barrett Corporation.**

Sincerely,

***Rolando Garza***

**Well Planner**  
  
[rgarza@sharewell.com](mailto:rgarza@sharewell.com)  
**Office: 713-983-9818**  
**Mobile: 281-546-2175**



**Bill Barrett Corporation**

## **Bill Barrett Corp. (II)**

**Garfield Co., CO (NAD83)**

**Dixon SWNW-23-692**

**Dixon Federal 11C-23-692**

**Wellbore #1**

**Design: Wellbore #1**

## **Standard Survey Report**

**27 June, 2012**



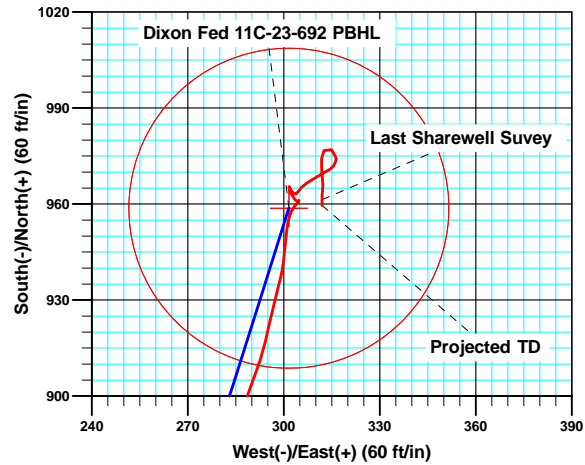
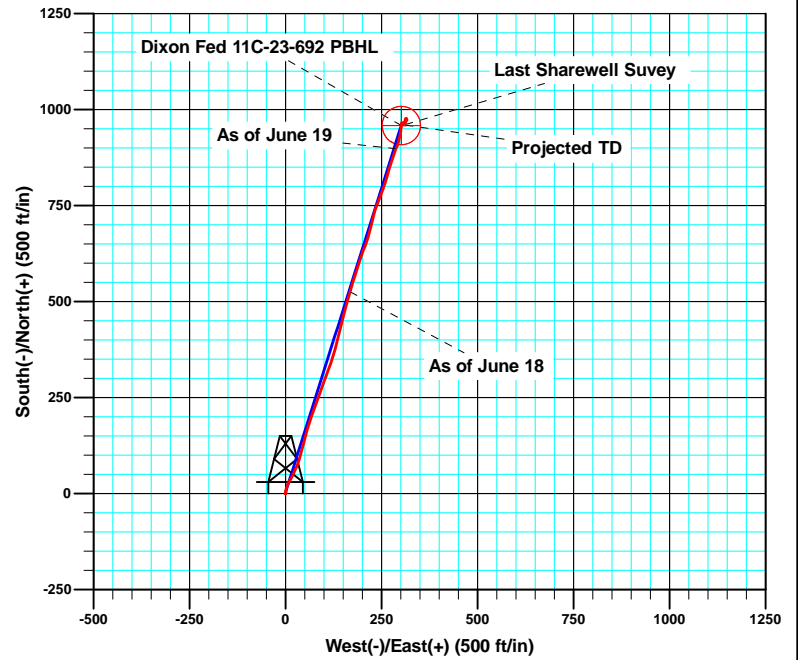
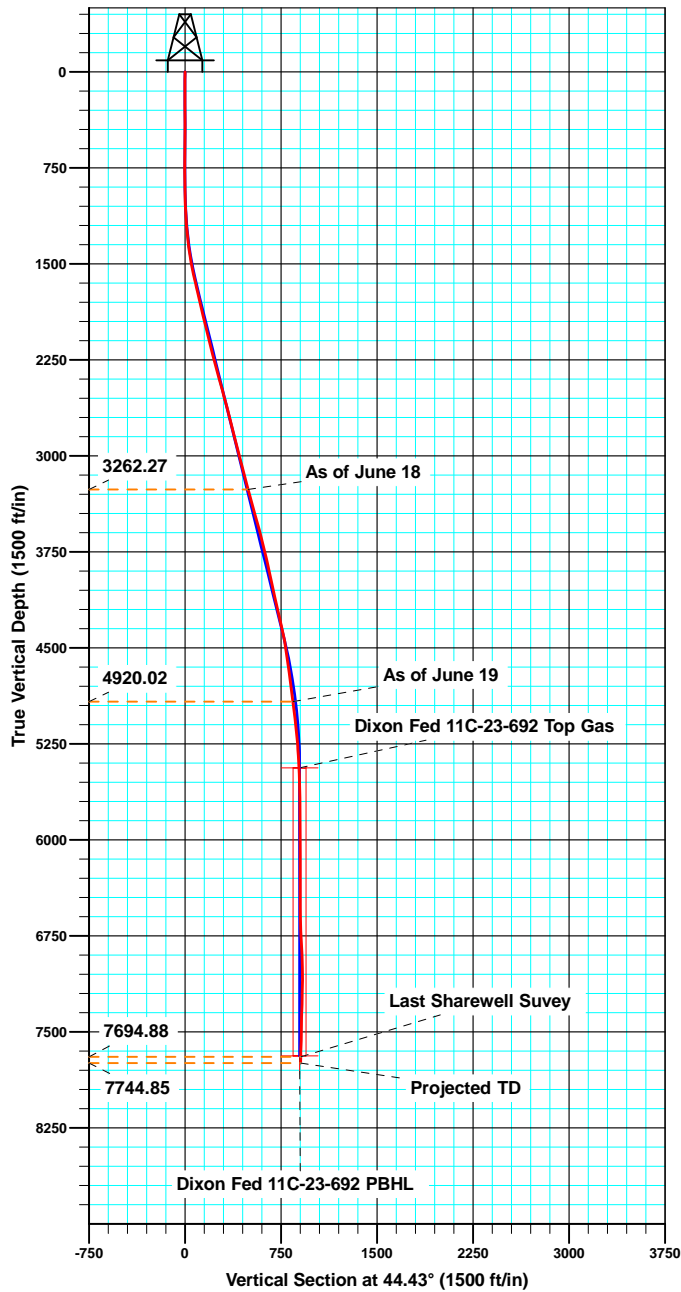


# Dixon Federal 11C-23-692

US State Plane 1983 North American Datum 1983 Colorado Central Zone

+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 1619870.20 2395617.44 39° 30' 56.72 N 107° 38' 32.92 W

GL @ 5815.00 KB @ 5838.00ft



Azimuths to True North  
Magnetic North: 10.09°

Magnetic Field  
Strength: 52221.4snT  
Dip Angle: 65.80°  
Date: 04/23/2012  
Model: IGRF2010

## Annotations

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
3262.27	3335.00	17.000	17.00	525.67	168.19	493.13	559.86	As of June 18
4920.02	5041.00	8.100	22.20	898.33	288.10	843.19	951.80	As of June 19
7694.88	7820.00	2.100	179.90	961.42	311.97	904.95	1068.92	Last Sharewell Survey
7744.85	7870.00	2.100	179.90	959.59	311.98	903.65	1070.76	Projected TD



<b>Company:</b>	Bill Barrett Corp. (II)	<b>Local Co-ordinate Reference:</b>	Well Dixon Federal 11C-23-692
<b>Project:</b>	Garfield Co., CO (NAD83)	<b>TVD Reference:</b>	KB @ 5838.00ft
<b>Site:</b>	Dixon SWNW-23-692	<b>MD Reference:</b>	KB @ 5838.00ft
<b>Well:</b>	Dixon Federal 11C-23-692	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	CompassVM

<b>Project</b>	Garfield Co., CO (NAD83)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		

Site	Dixon SWNW-23-692				
Site Position:		Northing:	1,619,869.69 usft	Latitude:	39° 30' 56.71 N
From:	Lat/Long	Easting:	2,395,577.93 usft	Longitude:	107° 38' 33.42 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	-1.35 °

Well	Dixon Federal 11C-23-692					
Well Position	+N/-S	0.00 ft	Northing:	1,619,870.20 usft	Latitude:	39° 30' 56.72 N
	+E/-W	0.00 ft	Easting:	2,395,617.45 usft	Longitude:	107° 38' 32.92 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,815.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2010	04/23/12	10.08	65.80	52,221

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	44.43	

<b>Survey Program</b>	<b>Date</b>	06/27/12			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
60.00	650.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
876.00	7,870.00	Survey #2 (Wellbore #1)	MWD	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
60.00	0.400	289.60	60.00	0.07	-0.20	-0.09	0.67	0.67	0.00	
160.00	0.450	145.55	160.00	-0.14	-0.30	-0.31	0.81	0.05	-144.05	
260.00	0.500	318.76	260.00	-0.13	-0.37	-0.35	0.95	0.05	173.21	
360.00	0.420	124.16	360.00	-0.01	-0.35	-0.25	0.91	-0.08	165.40	
460.00	0.450	311.92	460.00	0.05	-0.34	-0.21	0.87	0.03	-172.24	
560.00	0.360	136.71	559.99	0.08	-0.42	-0.24	0.81	-0.09	-175.21	
650.00	0.280	3.05	649.99	0.09	-0.21	-0.08	0.65	-0.09	-148.51	
876.00	0.400	142.30	875.99	0.02	0.30	0.22	0.28	0.05	61.62	
968.00	1.100	17.30	967.99	0.61	0.76	0.97	1.49	0.76	-135.87	

<b>Company:</b>	Bill Barrett Corp. (II)	<b>Local Co-ordinate Reference:</b>	Well Dixon Federal 11C-23-692
<b>Project:</b>	Garfield Co., CO (NAD83)	<b>TVD Reference:</b>	KB @ 5838.00ft
<b>Site:</b>	Dixon SWNW-23-692	<b>MD Reference:</b>	KB @ 5838.00ft
<b>Well:</b>	Dixon Federal 11C-23-692	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	CompassVM

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)
1,062.00	3.000	356.90	1,061.92	3.93	0.89	3.43	2.13	2.02	-21.70
1,158.00	4.400	9.60	1,157.72	10.07	1.37	8.15	1.68	1.46	13.23
1,253.00	6.200	19.90	1,252.31	18.49	3.72	15.81	2.14	1.89	10.84
1,347.00	8.000	27.20	1,345.59	29.08	8.44	26.67	2.14	1.91	7.77
1,442.00	9.900	31.70	1,439.43	41.91	15.76	40.96	2.13	2.00	4.74
1,535.00	11.300	22.30	1,530.85	57.14	23.42	57.20	2.39	1.51	-10.11
1,629.00	13.600	21.80	1,622.63	75.93	31.02	75.93	2.45	2.45	-0.53
1,724.00	15.100	15.10	1,714.67	98.25	38.39	97.03	2.35	1.58	-7.05
1,819.00	15.000	14.10	1,806.41	122.12	44.61	118.43	0.29	-0.11	-1.05
1,914.00	15.700	16.50	1,898.03	146.36	51.25	140.40	0.99	0.74	2.53
2,009.00	15.100	14.80	1,989.61	170.65	58.06	162.51	0.79	-0.63	-1.79
2,104.00	15.800	19.20	2,081.18	194.83	65.48	184.97	1.44	0.74	4.63
2,199.00	15.600	20.40	2,172.64	219.02	74.18	208.33	0.40	-0.21	1.26
2,293.00	15.200	19.00	2,263.27	242.52	82.60	231.01	0.58	-0.43	-1.49
2,388.00	16.500	19.90	2,354.65	266.98	91.25	254.53	1.39	1.37	0.95
2,483.00	17.600	20.10	2,445.47	293.15	100.78	279.89	1.16	1.16	0.21
2,578.00	16.200	21.10	2,536.37	319.00	110.48	305.15	1.51	-1.47	1.05
2,671.00	17.100	17.30	2,625.47	344.16	119.22	329.23	1.52	0.97	-4.09
2,766.00	16.300	16.30	2,716.47	370.29	127.12	353.42	0.89	-0.84	-1.05
2,861.00	16.000	14.30	2,807.72	395.78	134.09	376.50	0.67	-0.32	-2.11
2,955.00	15.300	13.90	2,898.23	420.37	140.27	398.38	0.75	-0.74	-0.43
3,050.00	17.100	14.60	2,989.46	446.05	146.80	421.30	1.91	1.89	0.74
3,145.00	17.100	14.60	3,080.26	473.09	153.84	445.53	0.00	0.00	0.00
3,240.00	16.300	14.70	3,171.25	499.50	160.75	469.22	0.84	-0.84	0.11
3,335.00	17.000	17.00	3,262.27	525.67	168.19	493.13	1.01	0.74	2.42
As of June 18									
3,429.00	17.800	17.00	3,351.96	552.56	176.41	518.08	0.85	0.85	0.00
3,524.00	17.200	16.80	3,442.57	579.89	184.72	543.41	0.63	-0.63	-0.21
3,619.00	16.900	18.70	3,533.39	606.42	193.20	568.29	0.67	-0.32	2.00
3,714.00	15.600	19.50	3,624.59	631.54	201.89	592.32	1.39	-1.37	0.84
3,808.00	14.900	21.30	3,715.28	654.71	210.50	614.89	0.90	-0.74	1.91
3,903.00	15.100	15.10	3,807.05	678.04	218.16	636.91	1.70	0.21	-6.53
3,998.00	14.000	13.10	3,899.01	701.18	223.99	657.52	1.27	-1.16	-2.11
4,092.00	14.500	12.70	3,990.11	723.73	229.16	677.24	0.54	0.53	-0.43
4,188.00	12.900	21.90	4,083.39	745.40	235.80	697.36	2.81	-1.67	9.58
4,282.00	13.700	20.90	4,174.87	765.54	243.68	717.26	0.89	0.85	-1.06
4,377.00	15.000	19.90	4,266.90	787.61	251.88	738.76	1.39	1.37	-1.05
4,472.00	13.600	18.90	4,358.96	809.74	259.68	760.03	1.50	-1.47	-1.05
4,567.00	11.800	14.30	4,451.63	829.72	265.70	778.51	2.17	-1.89	-4.84
4,662.00	9.000	16.60	4,545.06	846.26	270.22	793.48	2.98	-2.95	2.42
4,757.00	8.400	18.70	4,638.97	859.95	274.57	806.31	0.71	-0.63	2.21
4,851.00	9.100	16.30	4,731.87	873.59	278.86	819.05	0.84	0.74	-2.55
4,946.00	7.400	22.10	4,825.89	886.47	283.27	831.33	1.99	-1.79	6.11

<b>Company:</b>	Bill Barrett Corp. (II)	<b>Local Co-ordinate Reference:</b>	Well Dixon Federal 11C-23-692
<b>Project:</b>	Garfield Co., CO (NAD83)	<b>TVD Reference:</b>	KB @ 5838.00ft
<b>Site:</b>	Dixon SWNW-23-692	<b>MD Reference:</b>	KB @ 5838.00ft
<b>Well:</b>	Dixon Federal 11C-23-692	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	CompassVM

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)	
5,041.00	8.100	22.20	4,920.02	898.33	288.10	843.19	0.74	0.74	0.11	
As of June 19										
5,136.00	8.000	16.50	5,014.09	910.87	292.51	855.22	0.85	-0.11	-6.00	
5,230.00	7.000	11.90	5,107.28	922.75	295.55	865.83	1.24	-1.06	-4.89	
5,325.00	6.600	15.50	5,201.61	933.67	298.20	875.49	0.62	-0.42	3.79	
5,419.00	4.600	5.00	5,295.16	942.63	299.97	883.13	2.38	-2.13	-11.17	
5,514.00	3.300	7.10	5,389.94	949.14	300.64	888.25	1.38	-1.37	2.21	
5,609.00	2.800	8.80	5,484.80	954.15	301.33	892.31	0.53	-0.53	1.79	
5,704.00	1.800	26.70	5,579.72	957.77	302.36	895.61	1.28	-1.05	18.84	
5,799.00	1.500	44.90	5,674.68	959.99	303.91	898.28	0.63	-0.32	19.16	
5,895.00	0.200	339.30	5,770.67	961.03	304.73	899.61	1.49	-1.35	-68.33	
5,990.00	0.600	196.30	5,865.67	960.71	304.54	899.24	0.81	0.42	-150.53	
6,084.00	1.700	322.00	5,959.66	961.34	303.54	898.99	2.24	1.17	133.72	
6,179.00	1.500	333.40	6,054.62	963.56	302.12	899.58	0.39	-0.21	12.00	
6,271.00	0.400	8.30	6,146.61	964.96	301.62	900.23	1.30	-1.20	37.93	
6,366.00	0.200	345.80	6,241.61	965.44	301.63	900.58	0.24	-0.21	-23.68	
6,460.00	0.300	129.50	6,335.61	965.45	301.78	900.69	0.51	0.11	152.87	
6,555.00	1.000	163.30	6,430.60	964.49	302.21	900.31	0.81	0.74	35.58	
6,650.00	1.000	121.50	6,525.59	963.27	303.15	900.09	0.75	0.00	-44.00	
6,745.00	1.700	30.70	6,620.57	964.05	304.58	901.65	2.09	0.74	-95.58	
6,840.00	2.600	53.50	6,715.50	966.54	307.03	905.15	1.29	0.95	24.00	
6,934.00	2.800	64.90	6,809.40	968.78	310.83	909.40	0.61	0.21	12.13	
7,029.00	2.500	53.30	6,904.30	971.00	314.59	913.62	0.65	-0.32	-12.21	
7,124.00	2.500	3.70	6,999.22	974.31	316.38	917.24	2.21	0.00	-52.21	
7,219.00	2.000	292.80	7,094.16	977.02	314.99	918.20	2.78	-0.53	-74.63	
7,314.00	1.500	224.50	7,189.13	976.78	312.59	916.35	2.11	-0.53	-71.89	
7,409.00	2.000	177.90	7,284.08	974.23	311.78	913.96	1.54	0.53	-49.05	
7,504.00	1.500	182.70	7,379.04	971.33	311.78	911.89	0.55	-0.53	5.05	
7,598.00	1.800	168.40	7,473.00	968.66	312.02	910.15	0.54	0.32	-15.21	
7,693.00	1.800	185.30	7,567.96	965.71	312.18	908.16	0.56	0.00	17.79	
7,788.00	2.000	181.80	7,662.90	962.57	311.99	905.78	0.24	0.21	-3.68	
7,820.00	2.100	179.90	7,694.88	961.42	311.97	904.95	0.38	0.31	-5.94	
Last Sharewell Survey										
7,870.00	2.100	179.90	7,744.85	959.59	311.98	903.65	0.00	0.00	0.00	
Projected TD										

<b>Company:</b>	Bill Barrett Corp. (II)	<b>Local Co-ordinate Reference:</b>	Well Dixon Federal 11C-23-692
<b>Project:</b>	Garfield Co., CO (NAD83)	<b>TVD Reference:</b>	KB @ 5838.00ft
<b>Site:</b>	Dixon SWNW-23-692	<b>MD Reference:</b>	KB @ 5838.00ft
<b>Well:</b>	Dixon Federal 11C-23-692	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	CompassVM

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
3,335.00	3,262.27	525.67	168.19	As of June 18	
5,041.00	4,920.02	898.33	288.10	As of June 19	
7,820.00	7,694.88	961.42	311.97	Last Sharewell Suvey	
7,870.00	7,744.85	959.59	311.98	Projected TD	

Checked By: _____	Approved By: _____	Date: _____
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<b>SDI Job #:</b>	20120621	<b>Report Time:</b>	2400	1 of 4
<b>COMPANY:</b>	Bill Barrett	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Land	<b>FIELD:</b>	Dixon SWNW-23-692	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	Dixon Fed 11C-23-692			

From Sunday, June 17, 2012 at 0000 to Sunday, June 17, 2012 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	756.00	Rotary Hours	4.52	WOB	30	Pick UP	80	Slack Off	80	SPM	
End Depth	2403.00	Circulating Hours	0.33	RAB	80	SPP	2000	FlowRate	0 - 574	140	
Total Drilled:	1647.00	Avg. Total ROP:	280.74	Mud Data							
Total Rotary Drilled:	1355.00	Avg. Rotary ROP:	300.00	Type				PV	0	SOLID	0
Total Drilled Sliding:	292.00	Avg. Slide ROP:	216.30	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	1.35	Percent Rotary:	82.27	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	8.25	Percent Slide:	17.73	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 1:FXD56 5x16, 6 1/2 Max Torque, UBHO, 6 1/2 NMDC, Gap Sub, 6 1/2 NMDC, 4 1/2in Spiral HWDP,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	Bobby Wolf										
MWD Operator2	Ricky Harris										
Directional Company:	Sharewell										
Geologist:											
Company Man:	Robert Schultz						Daily Cost				
Incl. In:	0.28	Azm. In:	3.05	Incl. Out:	16.5	Azm. Out:	19.9	Cummulative Cost:			

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Jun-12	00:00	15:45	15.75	756	756	Standby	Wait on BOP Test / Cut Slip Drill Line
17-Jun-12	15:45	16:00	0.25	756	756	Change BHA	P/U BHA/MWD
17-Jun-12	16:00	16:30	0.50	756	756	TIH	TIH to Float @ 756'
17-Jun-12	16:30	16:50	0.33	756	756	Circulating	Circulating
17-Jun-12	16:50	17:30	0.67	756	811	Drilling Cement	D/O Cement to shoe @ 811'
17-Jun-12	17:30	18:02	0.53	811	926	Drilling	Drilling - (WOB:15;GPM :410;RPM:45)
17-Jun-12	18:02	18:07	0.08	926	926	Survey & Conn.	Survey & Conn.@876_Inc .4°_Azm 142.3°
17-Jun-12	18:07	18:12	0.08	926	943	Sliding	Sliding - (WOB:25;GPM :574;TFO:))
17-Jun-12	18:12	18:23	0.18	943	1018	Drilling	Drilling - (WOB:25;GPM :410;RPM:45)
17-Jun-12	18:23	18:28	0.08	1018	1018	Survey & Conn.	Survey & Conn.@968_Inc 1.1°_Azm 17.3°
17-Jun-12	18:28	18:32	0.07	1018	1038	Sliding	Sliding - (WOB:25;GPM :574;TFO:17 M)
17-Jun-12	18:32	18:42	0.17	1038	1112	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
17-Jun-12	18:42	18:47	0.08	1112	1112	Survey & Conn.	Survey & Conn.@1062_Inc 3°_Azm 356.1°
17-Jun-12	18:47	18:52	0.08	1112	1132	Sliding	Sliding - (WOB:25;GPM :574;TFO:17 M))
17-Jun-12	18:52	19:05	0.22	1132	1208	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
17-Jun-12	19:05	19:10	0.08	1208	1208	Survey & Conn.	Survey & Conn.@1158_Inc 4.4°_Azm 9.6°
17-Jun-12	19:10	19:16	0.10	1208	1232	Sliding	Sliding - (WOB:25;GPM :574;TFO:30)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Jun-12	19:16	19:28	0.20	1232	1303	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
17-Jun-12	19:28	19:33	0.08	1303	1303	Survey & Conn.	Survey & Conn.@1253_Inc 6.2°_Azm 19.9°
17-Jun-12	19:33	19:41	0.13	1303	1327	Sliding	Sliding - (WOB:25;GPM :574;TFO:360))
17-Jun-12	19:41	19:51	0.17	1327	1397	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	19:51	19:55	0.07	1397	1397	Survey & Conn.	Survey & Conn.@1347_Inc 8°_Azm 27.2°
17-Jun-12	19:55	20:03	0.13	1397	1423	Sliding	Sliding - (WOB:30;GPM :574;TFO:340))
17-Jun-12	20:03	20:12	0.15	1423	1492	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	20:12	20:17	0.08	1492	1492	Survey & Conn.	Survey & Conn.@1442_Inc 9.9°_Azm 31.7°
17-Jun-12	20:17	20:23	0.10	1492	1518	Sliding	Sliding - (WOB:30;GPM :574;TFO:340))
17-Jun-12	20:23	20:35	0.20	1518	1585	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	20:35	20:40	0.08	1585	1585	Survey & Conn.	Survey & Conn.@1535_Inc 11.3°_Azm 22.3°
17-Jun-12	20:40	20:46	0.10	1585	1615	Sliding	Sliding - (WOB:30;GPM :574;TFO:340)
17-Jun-12	20:46	20:59	0.22	1615	1679	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	20:59	21:04	0.08	1679	1679	Survey & Conn.	Survey & Conn.@1629_Inc 13.6°_Azm 21.8°
17-Jun-12	21:04	21:12	0.13	1679	1709	Sliding	Sliding - (WOB:30;GPM :574;TFO:340)
17-Jun-12	21:12	21:25	0.22	1709	1774	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	21:25	21:29	0.07	1774	1774	Survey & Conn.	Survey & Conn.@1724_Inc 15.1°_Azm 15.1°
17-Jun-12	21:29	21:46	0.28	1774	1869	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	21:46	21:51	0.08	1869	1869	Survey & Conn.	Survey & Conn.@1819_Inc 15°_Azm 14.1°
17-Jun-12	21:51	21:55	0.07	1869	1884	Sliding	Sliding - (WOB:30;GPM :574;TFO:35))
17-Jun-12	21:55	22:08	0.22	1884	1964	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	22:08	22:14	0.10	1964	1964	Survey & Conn.	Survey & Conn.@1914_Inc 15.7°_Azm 16.5°
17-Jun-12	22:14	22:30	0.27	1964	2059	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	22:30	22:34	0.07	2059	2059	Survey & Conn.	Survey & Conn.@2009_Inc 15.1°_Azm 14.8°
17-Jun-12	22:34	22:38	0.07	2059	2084	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	22:38	22:50	0.20	2084	2114	Sliding	Sliding - (WOB:30;GPM :574;TFO:40))
17-Jun-12	22:50	22:56	0.10	2114	2154	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	22:56	23:02	0.10	2154	2154	Survey & Conn.	Survey & Conn.@2104_Inc 15.8°_Azm 19.2°
17-Jun-12	23:02	23:19	0.28	2154	2249	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	23:19	23:23	0.07	2249	2249	Survey & Conn.	Survey & Conn.@2199_Inc 15.6°_Azm 20.4°
17-Jun-12	23:23	23:40	0.28	2249	2343	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	23:40	23:45	0.08	2343	2343	Survey & Conn.	Survey & Conn.@2293_Inc 15.2°_Azm 19°
17-Jun-12	23:45	23:51	0.10	2343	2373	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
17-Jun-12	23:51	24:00	0.15	2373	2403	Sliding	Sliding - (WOB:30;GPM :574;TFO:40))

<b>SDI Job #:</b>	20120621	<b>Report Time:</b>	2400	2 of 4
<b>COMPANY:</b>	Bill Barrett	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Land	<b>FIELD:</b>	Dixon SWNW-23-692	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	Dixon Fed 11C-23-692			

From Monday, June 18, 2012 at 0000 to Monday, June 18, 2012 at 2400

DRILLING SUMMARY						Drilling Parameters					
Start Depth	2403.00	Rotary Hours	10.67	WOB	30	Pick UP	80	Slack Off	80	SPM	
End Depth	5091.00	Circulating Hours	0.00	RAB	80	SPP	2400	FlowRate	574 - 574	140	
Total Drilled:	2688.00	Avg. Total ROP:	174.73	Mud Data							
Total Rotary Drilled:	2404.00	Avg. Rotary ROP:	225.38	Type	LSND			PV	23	SOLID	10.8
Total Drilled Sliding:	284.00	Avg. Slide ROP:	60.21	Weight	9.9	GAS	0	YP	22	BHT°	136
Slide Hours:	4.72	Percent Rotary:	89.43	Viscosity	69	SAND	0.25	PH	9.6	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	10.57	Chlorides	900	WL	6.8			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 2:FX55 5x16, 6 1/2 Max Torque, UBHO, 6 1/2 NMDC, Gap Sub, 6 1/2 NMDC, 4 1/2in Spiral HWDP,			
Second Directional :	Ricky Harris										
MWD Operator1	Bobby Wolf										
MWD Operator2	Ricky Harris										
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Robert Schultz										
Incl. In:	16.5	Azm. In:	19.9	Incl. Out:	8.1	Azm. Out:	22.2	Daily Cost			
								Cummulative Cost:			

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Jun-12	00:00	00:05	0.08	2403	2438	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	00:05	00:09	0.07	2438	2438	Survey & Conn.	Survey & Conn.@2388_Inc 16.5°_Azm °
18-Jun-12	00:09	00:27	0.30	2438	2533	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	00:27	00:32	0.08	2533	2533	Survey & Conn.	Survey & Conn.@2483_Inc 17.6°_Azm 20.1°
18-Jun-12	00:32	00:49	0.28	2533	2628	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	00:49	00:54	0.08	2628	2628	Survey & Conn.	Survey & Conn.@2578_Inc 16.2°_Azm 21.1°
18-Jun-12	00:54	01:00	0.10	2628	2653	Sliding	Sliding - (WOB:30;GPM :574;TFO:360))
18-Jun-12	01:00	01:13	0.22	2653	2721	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	01:13	01:18	0.08	2721	2721	Survey & Conn.	Survey & Conn.@2671_Inc 17.1°_Azm 17.2°
18-Jun-12	01:18	01:37	0.32	2721	2816	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	01:37	01:41	0.07	2816	2816	Survey & Conn.	Survey & Conn.@2766_Inc 16.3°_Azm 16.3°
18-Jun-12	01:41	02:00	0.32	2816	2911	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	02:00	02:05	0.08	2911	2911	Survey & Conn.	Survey & Conn.@2861_Inc 16°_Azm 14.3°
18-Jun-12	02:05	02:24	0.32	2911	3005	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	02:24	02:29	0.08	3005	3005	Survey & Conn.	Survey & Conn.@2955_Inc 15.3°_Azm 13.9°
18-Jun-12	02:29	02:40	0.18	3005	3035	Sliding	Sliding - (WOB:30;GPM :574;TFO:320)
18-Jun-12	02:40	02:54	0.23	3035	3100	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Jun-12	02:54	02:59	0.08	3100	3100	Survey & Conn.	Survey & Conn.@3050_Inc 17.1°_Az 14.6°
18-Jun-12	02:59	03:16	0.28	3100	3195	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	03:16	03:21	0.08	3195	3195	Survey & Conn.	Survey & Conn.@3145_Inc 17.1°_Az 14.6°
18-Jun-12	03:21	03:40	0.32	3195	3290	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	03:40	03:45	0.08	3290	3290	Survey & Conn.	Survey & Conn.@3240_Inc 16.3°_Az 14.7°
18-Jun-12	03:45	03:58	0.22	3290	3310	Sliding	Sliding - (WOB:30;GPM :574;TFO:30)
18-Jun-12	03:58	04:18	0.33	3310	3385	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	04:18	04:23	0.08	3385	3385	Survey & Conn.	Survey & Conn.@3335_Inc 18.1°_Az 17.3°
18-Jun-12	04:23	04:43	0.33	3385	3479	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	04:43	04:47	0.07	3479	3479	Survey & Conn.	Survey & Conn.@3429_Inc 17.8°_Az 17°
18-Jun-12	04:47	05:10	0.38	3479	3574	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	05:10	05:15	0.08	3574	3574	Survey & Conn.	Survey & Conn.@3524_Inc 17.2°_Az 16.8°
18-Jun-12	05:15	05:22	0.12	3574	3604	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	05:22	05:33	0.18	3604	3619	Sliding	Sliding - (WOB:30;GPM :574;TFO:30)
18-Jun-12	05:33	05:43	0.17	3619	3669	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	05:43	05:52	0.15	3669	3669	Survey & Conn.	Survey & Conn.@3619_Inc 16.9°_Az 18.7°
18-Jun-12	05:52	06:32	0.67	3669	3764	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	06:32	06:37	0.08	3764	3764	Survey & Conn.	Survey & Conn.@3619_Inc 15.6°_Az 19.5°
18-Jun-12	06:37	07:05	0.47	3764	3858	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	07:05	07:10	0.08	3858	3858	Survey & Conn.	Survey & Conn.@3619_Inc 14.9°_Az °
18-Jun-12	07:10	07:23	0.22	3858	3878	Sliding	Sliding - (WOB:30;GPM :574;TFO:25))
18-Jun-12	07:23	07:40	0.28	3878	3953	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	07:40	07:45	0.08	3953	3953	Survey & Conn.	Survey & Conn.@3619_Inc 15.1°_Az 15.1°
18-Jun-12	07:45	08:13	0.47	3953	4048	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	08:13	08:18	0.08	4048	4048	Survey & Conn.	Survey & Conn.@3619_Inc 14°_Az °
18-Jun-12	08:18	08:33	0.25	4048	4068	Sliding	Sliding - (WOB:30;GPM :574;TFO:20R))
18-Jun-12	08:33	08:52	0.32	4068	4142	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	08:52	08:57	0.08	4142	4142	Survey & Conn.	Survey & Conn.@3619_Inc 14.5°_Az °
18-Jun-12	08:57	09:14	0.28	4142	4162	Sliding	Sliding - (WOB:30;GPM :574;TFO:50R))
18-Jun-12	09:14	09:32	0.30	4162	4238	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	09:32	09:37	0.08	4238	4238	Survey & Conn.	Survey & Conn.@3619_Inc 12.9°_Az 21.9°
18-Jun-12	09:37	10:10	0.55	4238	4268	Sliding	Sliding - (WOB:30;GPM :574;TFO:50R))
18-Jun-12	10:10	10:33	0.38	4268	4332	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	10:33	10:46	0.22	4332	4332	Survey & Conn.	Survey & Conn.@3619_Inc 13.7°_Az 20.9°
18-Jun-12	10:46	11:15	0.48	4332	4357	Sliding	Sliding - (WOB:30;GPM :574;TFO:30L))
18-Jun-12	11:15	11:39	0.40	4357	4427	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	11:39	11:44	0.08	4427	4427	Survey & Conn.	Survey & Conn.@3619_Inc 15°_Az 19.9°
18-Jun-12	11:44	12:21	0.62	4427	4522	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	12:21	12:26	0.08	4522	4522	Survey & Conn.	Survey & Conn.@3619_Inc 13.6°_Az °
18-Jun-12	12:26	12:56	0.50	4522	4617	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	12:56	13:01	0.08	4617	4617	Survey & Conn.	Survey & Conn.@3619_Inc 11.8°_Az 14.3°
18-Jun-12	13:01	13:27	0.43	4617	4712	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	13:27	13:32	0.08	4712	4712	Survey & Conn.	Survey & Conn.@3619_Inc 9°_Az °
18-Jun-12	13:32	14:04	0.53	4712	4737	Sliding	Sliding - (WOB:30;GPM :574;TFO:0))
18-Jun-12	14:04	14:29	0.42	4737	4807	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	14:29	14:34	0.08	4807	4807	Survey & Conn.	Survey & Conn.@3619_Inc 8.4°_Az 18.7°
18-Jun-12	14:34	15:17	0.72	4807	4831	Sliding	Sliding - (WOB:30;GPM :574;TFO:0))
18-Jun-12	15:17	15:45	0.47	4831	4901	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Jun-12	15:45	15:48	0.05	4901	4901	Survey & Conn.	Survey & Conn.@3619_Inc 9.1°_Azm 0°
18-Jun-12	15:48	16:19	0.52	4901	4996	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	16:19	16:21	0.03	4996	4996	Survey & Conn.	Survey & Conn.@3619_Inc 7.4°_Azm °
18-Jun-12	16:21	16:52	0.52	4996	5001	Sliding	Sliding - (WOB:30;GPM :574;TFO:0)
18-Jun-12	16:52	17:00	0.13	5001	5001	Rig repair	Rig repair - Restart Gens
18-Jun-12	17:00	17:29	0.48	5001	5026	Sliding	Sliding - (WOB:30;GPM :574;TFO:0))
18-Jun-12	17:29	17:55	0.43	5026	5091	Drilling	Drilling - (WOB:30;GPM :574;RPM:45)
18-Jun-12	17:55	20:20	2.42	5091	5091	POOH	POOH
18-Jun-12	20:20	20:30	0.17	5091	5091	Change BHA	Change BHA
18-Jun-12	20:30	24:00	3.50	5091	5091	TIH	TIH

<b>SDI Job #:</b>	20120621	<b>Report Time:</b>	2400	3 of 4
<b>COMPANY:</b>	Bill Barrett	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Land	<b>FIELD:</b>	Dixon SWNW-23-692	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	Dixon Fed 11C-23-692			

From Tuesday, June 19, 2012 at 0000 to Tuesday, June 19, 2012 at 2400

DRILLING SUMMARY				Drilling Parameters							
<b>Start Depth</b>	5091.00	<b>Rotary Hours</b>	11.35	<b>WOB</b>	35	<b>Pick UP</b>	80	<b>Slack Off</b>	80	<b>SPM</b>	
<b>End Depth</b>	7298.00	<b>Circulating Hours</b>	0.00	<b>RAB</b>	80	<b>SPP</b>	2900	<b>FlowRate</b>	574 - 574	140	
<b>Total Drilled:</b>	2207.00	<b>Avg. Total ROP:</b>	130.21	<b>Mud Data</b>							
<b>Total Rotary Drilled:</b>	1993.00	<b>Avg. Rotary ROP:</b>	175.59	Type	LSND	PV	23	<b>SOLID</b>	10.8		
<b>Total Drilled Sliding:</b>	214.00	<b>Avg. Slide ROP:</b>	38.21	Weight	9.9	<b>GAS</b>	0	YP	22	<b>BHT°</b>	136
<b>Slide Hours:</b>	5.60	<b>Percent Rotary:</b>	90.30	Viscosity	69	<b>SAND</b>	0.25	PH	9.6	<b>Flow T°</b>	0
<b>Below Rotary Hrs.</b>	24.00	<b>Percent Slide:</b>	9.70	Chlorides	900	WL	6.8		<b>Oil %</b>	0	
PERSONNEL				Casing			BHA				
<b>Lead Directional :</b>	Bobby Wolf			Size	Lb/ft	Set Depth	BHA # 2:FX55 5x16, 6 1/2 Max Torque, UBHO, 6 1/2 NMDC, Gap Sub, 6 1/2 NMDC, 4 1/2in Spiral HWDP,				
<b>Second Directional :</b>	Ricky Harris										
<b>MWD Operator1</b>	Bobby Wolf										
<b>MWD Operator2</b>	Ricky Harris										
<b>Directional Company:</b>	Sharewell										
<b>Geologist:</b>				Signature:							
<b>Company Man:</b>	Robert Schultz						<b>Daily Cost</b>				
<b>Incl. In:</b>	8.1	<b>Azm. In:</b>	22.2	<b>Incl. Out:</b>	2	<b>Azm. Out:</b>	292.8	<b>Cummulative Cost:</b>			

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Jun-12	00:00	04:54	4.90	5091	5091	TIH	TIH
19-Jun-12	04:54	05:06	0.20	5091	5116	Drilling	Drilling - (WOB:20;GPM :574;RPM:45)
19-Jun-12	05:06	05:34	0.47	5116	5136	Sliding	Sliding - (WOB:35;GPM :574;TFO:300))
19-Jun-12	05:34	05:50	0.27	5136	5186	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	05:50	05:55	0.08	5186	5186	Survey & Conn.	Survey & Conn.@3619_Inc 8°_Azm 16.5°
19-Jun-12	05:55	06:27	0.53	5186	5280	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	06:27	06:32	0.08	5280	5280	Survey & Conn.	Survey & Conn.@3619_Inc 7°_Azm °
19-Jun-12	06:32	07:03	0.52	5280	5375	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	07:03	07:07	0.07	5375	5375	Survey & Conn.	Survey & Conn.@5325_Inc 6.6°_Azm 15.5°
19-Jun-12	07:07	07:35	0.47	5375	5390	Sliding	Sliding - (WOB:35;GPM :574;TFO:300))
19-Jun-12	07:35	08:00	0.42	5390	5469	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	08:00	08:04	0.07	5469	5469	Survey & Conn.	Survey & Conn.@5419_Inc 4.6°_Azm 5°
19-Jun-12	08:04	08:35	0.52	5469	5564	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	08:35	08:39	0.07	5564	5564	Survey & Conn.	Survey & Conn.@5514_Inc 3.3°_Azm 7.1°
19-Jun-12	08:39	09:10	0.52	5564	5659	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	09:10	09:14	0.07	5659	5659	Survey & Conn.	Survey & Conn.@5609_Inc 2.8°_Azm 8.8°
19-Jun-12	09:14	09:43	0.48	5659	5754	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Jun-12	09:43	09:46	0.05	5754	5754	Survey & Conn.	Survey & Conn.@5609_Inc 1.8°_Azm 26.7°
19-Jun-12	09:46	10:18	0.53	5754	5849	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	10:18	10:21	0.05	5849	5849	Survey & Conn.	Survey & Conn.@5609_Inc 1.5°_Azm 44.9°
19-Jun-12	10:21	10:55	0.57	5849	5945	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	10:55	11:00	0.08	5945	5945	Survey & Conn.	Survey & Conn.@5609_Inc .2°_Azm °
19-Jun-12	11:00	11:29	0.48	5945	6040	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	11:29	11:34	0.08	6040	6040	Survey & Conn.	Survey & Conn.@5990_Inc .6°_Azm 196.3°
19-Jun-12	11:34	12:02	0.47	6040	6065	Sliding	Sliding - (WOB:35;GPM :574;TFO:130L))
19-Jun-12	12:02	12:24	0.37	6065	6134	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	12:24	12:27	0.05	6134	6134	Survey & Conn.	Survey & Conn.@6084_Inc 1.7°_Azm 322°
19-Jun-12	12:27	13:00	0.55	6134	6229	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	13:00	13:04	0.07	6229	6229	Survey & Conn.	Survey & Conn.@6179_Inc 1.5°_Azm 333.4°
19-Jun-12	13:04	13:38	0.57	6229	6321	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	13:38	13:42	0.07	6321	6321	Survey & Conn.	Survey & Conn.@6271_Inc .4°_Azm 8.3°
19-Jun-12	13:42	14:13	0.52	6321	6416	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	14:13	14:17	0.07	6416	6416	Survey & Conn.	Survey & Conn.@6366_Inc .2°_Azm 345.8°
19-Jun-12	14:17	14:53	0.60	6416	6510	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	14:53	14:57	0.07	6510	6510	Survey & Conn.	Survey & Conn.@6366_Inc 0.3°_Azm 129.5°
19-Jun-12	14:57	15:27	0.50	6510	6605	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	15:27	15:32	0.08	6605	6605	Survey & Conn.	Survey & Conn.@6366_Inc 1°_Azm 163.3°
19-Jun-12	15:32	16:14	0.70	6605	6630	Sliding	Sliding - (WOB:35;GPM :574;TFO:30M))
19-Jun-12	16:14	16:33	0.32	6630	6700	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	16:33	16:38	0.08	6700	6700	Survey & Conn.	Survey & Conn.@6366_Inc 1°_Azm 0°
19-Jun-12	16:38	17:15	0.62	6700	6725	Sliding	Sliding - (WOB:35;GPM :574;TFO:15L))
19-Jun-12	17:15	17:35	0.33	6725	6795	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	17:35	17:40	0.08	6795	6795	Survey & Conn.	Survey & Conn.@6366_Inc 1.7°_Azm °
19-Jun-12	17:40	18:10	0.50	6795	6890	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	18:10	18:21	0.18	6890	6890	Survey & Conn.	Survey & Conn.@6840_Inc 2.6°_Azm °
19-Jun-12	18:21	18:53	0.53	6890	6984	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	18:53	19:02	0.15	6984	6984	Survey & Conn.	Survey & Conn.@6934_Inc 2.4°_Azm 64.9°
19-Jun-12	19:02	19:13	0.18	6984	7014	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	19:13	19:53	0.67	7014	7044	Sliding	Sliding - (WOB:35;GPM :574;TFO:15L)
19-Jun-12	19:53	20:06	0.22	7044	7079	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	20:06	20:17	0.18	7079	7079	Survey & Conn.	Survey & Conn.@7029_Inc 2.5°_Azm 53.3°
19-Jun-12	20:17	20:57	0.67	7079	7094	Sliding	Sliding - (WOB:35;GPM :574;TFO:300 M)
19-Jun-12	20:57	21:25	0.47	7094	7174	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	21:25	21:38	0.22	7174	7174	Survey & Conn.	Survey & Conn.@7124_Inc 2.5°_Azm 3.7°
19-Jun-12	21:38	22:22	0.73	7174	7214	Sliding	Sliding - (WOB:35;GPM :574;TFO:270 M)
19-Jun-12	22:22	22:56	0.57	7214	7269	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	22:56	23:05	0.15	7269	7269	Survey & Conn.	Survey & Conn.@7219_Inc 2°_Azm °
19-Jun-12	23:05	23:11	0.10	7269	7279	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
19-Jun-12	23:11	24:00	0.82	7279	7298	Sliding	Sliding - (WOB:35;GPM :574;TFO:270 M)

<b>SDI Job #:</b>	20120621	<b>Report Time:</b>	2400	4 of 4
<b>COMPANY:</b>	Bill Barrett	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Land	<b>FIELD:</b>	Dixon SWNW-23-692	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	Dixon Fed 11C-23-692			

From Wednesday, June 20, 2012 at 0000 to Wednesday, June 20, 2012 at 2400

DRILLING SUMMARY						Drilling Parameters																
Start Depth		5091.00		Rotary Hours		11.35		WOB		25		Pick UP		80		Slack Off		80		SPM		
End Depth		7298.00		Circulating Hours		0.00		RAB		80		SPP		2900		FlowRate		574 - 574		140		
Total Drilled:		2207.00		Avg. Total ROP:		130.21		Mud Data														
Total Rotary Drilled:		1993.00		Avg. Rotary ROP:		175.59		Type	LSND					PV	23		SOLID		10.8			
Total Drilled Sliding:		214.00		Avg. Slide ROP:		38.21		Weight		9.9		GAS		0		YP	22		BHT°		136	
Slide Hours:		5.60		Percent Rotary:		90.30		Viscosity		69		SAND		0.25		PH	9.6		Flow T°		0	
Below Rotary Hrs.		24.00		Percent Slide:		9.70		Chlorides		900		WL		6.8					Oil %		0	
PERSONNEL								Casing						BHA								
Lead Directional :		Bobby Wolf						Size		Lb/ft		Set Depth		BHA # 2:FX55 5x16, 6 1/2 Max Torque, UBHO, 6 1/2 NMDC, Gap Sub, 6 1/2 NMDC, 4 1/2in Spiral HWDP,								
Second Directional :		Ricky Harris																				
MWD Operator1		Bobby Wolf																				
MWD Operator2		Ricky Harris																				
Directional Company:		Sharewell																				
Geologist:								Signature:														
Company Man:		Robert Schultz																				
Incl. In:		2		Azm. In:		292.8		Incl. Out:		2.1		Azm. Out:		179.9		Daily Cost						
												Cummulative Cost:										

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Jun-12	00:00	00:06	0.10	7298	7299	Sliding	Sliding - (WOB:35;GPM :574;TFO:270 M)
20-Jun-12	00:06	00:46	0.67	7299	7364	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	00:46	00:55	0.15	7364	7364	Survey & Conn.	Survey & Conn.@7314_Inc 1.5°_Azm 224.5°
20-Jun-12	00:55	01:24	0.48	7364	7459	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	01:24	01:34	0.17	7459	7459	Survey & Conn.	Survey & Conn.@7409_Inc 2°_Azm °
20-Jun-12	01:34	02:08	0.57	7459	7554	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	02:08	02:18	0.17	7554	7554	Survey & Conn.	Survey & Conn.@7504_Inc 1.5°_Azm 182.7°
20-Jun-12	02:18	02:44	0.43	7554	7648	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	02:44	02:54	0.17	7648	7648	Survey & Conn.	Survey & Conn.@7598_Inc 1.8°_Azm 168.4°
20-Jun-12	02:54	03:53	0.98	7648	7743	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	03:53	04:03	0.17	7743	7743	Survey & Conn.	Survey & Conn.@7693_Inc 1.8°_Azm 185.3°
20-Jun-12	04:03	04:57	0.90	7743	7838	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	04:57	05:07	0.17	7838	7838	Survey & Conn.	Survey & Conn.@7788_Inc 2°_Azm 181.8°
20-Jun-12	05:07	05:30	0.38	7838	7870	Drilling	Drilling - (WOB:25;GPM :574;RPM:45)
20-Jun-12	05:30	05:35	0.08	7870	7870	MWD Survey	MWD Survey@7820_Inc 2.1°_Azm 179.9°
20-Jun-12	05:35	07:00	1.42	7870	7870	Circulating	Circulating
20-Jun-12	07:00	12:00	5.00	7870	7870	POOH	POOH & L/D Tools



# Well Information

BHA #

1

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

AFE# & District

RIG NAME: Land

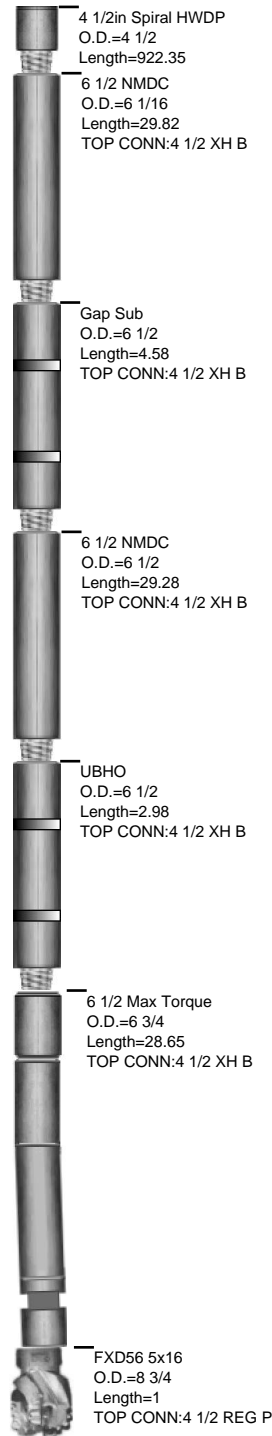
STATE: Colorado

COUNTY: Garfield

BHA TYPE

Steerable Assembly

WELL NAME: Dixon Fed 11C-23-692



# Well Information

BHA # 1

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

PO #/ DISTRICT

RIG NAME: Land

Lead DD: Bobby Wolf

STATE: Colorado

Co. Man: Robert Schultz

COUNTY: Garfield

BHA TYPE: Steerable Assembly

WELL NAME: Dixon Fed 11C-23-692

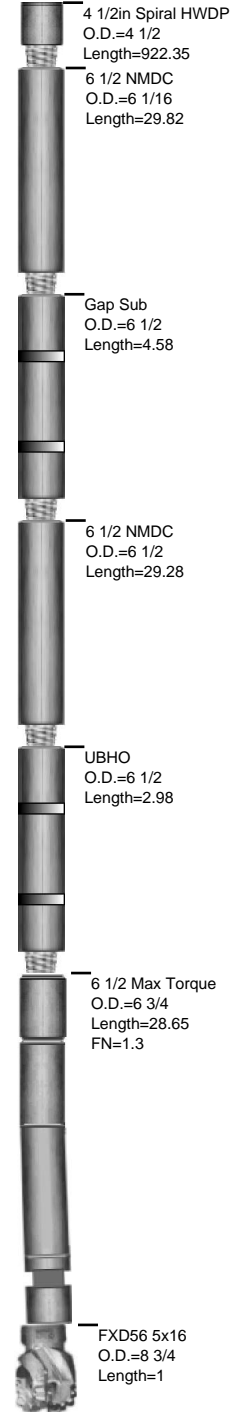
## BHA Summary Information

TIME IN - OUT			Rotary Hours			15.18		Start Depth			756.00		RPM Range	Flow Rate
Start Time	End Time		Circ Hrs Tot/Only			21.58 / .33		End Depth			5091.00			
17-Jun-12 @ 16:00	18-Jun-12 @ 20:30	Slide Hours			6.07		Percent Rotary:			86.71		35 -45	335 -574	
		Below Rotary Hrs.			28.50		Percent Slide:			13.29				
Total Drilled:			4335.00		Avg. Total ROP:		204.00		Incl.		Azimuth			
Total Rotary Drilled:			3759.00		Avg. Rotary ROP:		247.57		IN	OUT	IN		OUT	
Total Drilled Sliding:			576.00		Avg. Slide ROP:		94.95		.0	.0	.00		.00	
SPP	550 -2400	Weights	SO	0-80	PU	0-80	RAB	0-80	Reason POOH			HR		

Bit Data								Motor Data								Mud Data							
Security		FXD56 5x16						6.5mtr,3.3stg,7/8lobe,0.16rev,1.83fixed								Type		LSND					
Type Bit				PDC				Model: Max Torque, HR				Pad OD				WT 9.9 GAS 0 Solids 10.8							
TFA		0.981						MFG. Hunting				6 5/8				Vis 69 SAND 0.25 T ° 0							
JETS		16	16	16	16	16	Bend ° 1.83		Stator/Rotor 7/8		PV 23 PH 9.6 Chlor 900												
		0	0	0	0	0	Bit to Bend 6		Motor Diff 450		YP 22 WL 6.8 Oil % 0												
Bit Coding				IADC#				Rev/GAL 0.16		BHT° 136													
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1				PUMP1								
1		0	NO	A	x	1	Rotor Jet 0		NAME														
Bit Drop:		312 PSI @ 574 GPM						Sensor Offsets				Model											
Comments				Sensor	50	Sonic	0	Type		.00 .00													
				Gamma	0	DNsc	811	Liner		.00 .00													
				Restiv	0	GYRO	0	Stroke		.00 .00													
										Efficiency													

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56 5x16	12019810		8 3/4	1.00	1.00	4 1/2 REGP
2	6 1/2 Max Torque	6162		6 3/4	28.65	29.65	4 1/2 XHB
3	UBHO	UB 63046	2 7/8	6 1/2	2.98	32.63	4 1/2 XHB
4	6 1/2 NMDC	4637	3 1/4	6 1/2	29.28	61.91	4 1/2 XHB
5	Gap Sub	G6511	3 1/4	6 1/2	4.58	66.49	4 1/2 XHB
6	6 1/2 NMDC	NA1	3 5/16	6 1/16	29.82	96.31	4 1/2 XHB
7	4 1/2in Spiral HWDP	Rig 37	2 7/8	4 1/2	922.35	1018.66	4 1/2 XHB



# Well Information

BHA # 2

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

PO #/ DISTRICT

RIG NAME: Land

Lead DD: Bobby Wolf

STATE: Colorado

Co. Man: Robert Schultz

COUNTY: Garfield

BHA TYPE: Steerable Assembly

WELL NAME: Dixon Fed 11C-23-692

## BHA Summary Information

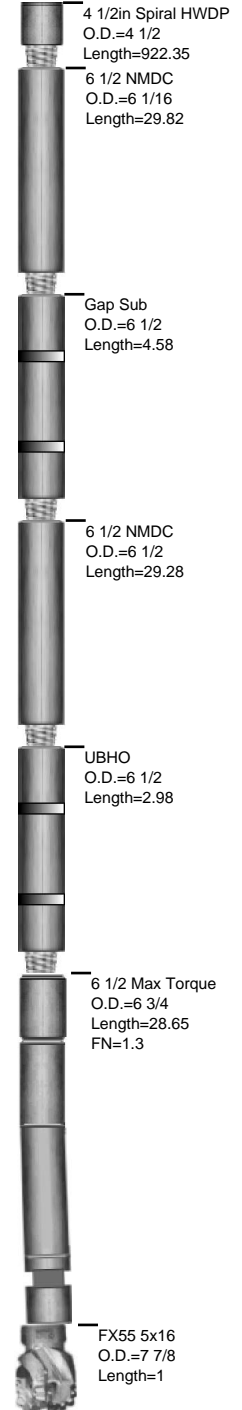
TIME IN - OUT		Rotary Hours		15.77		Start Depth		5091.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		22.97 / 1.50		End Depth		7870.00			
18-Jun-12 @ 20:30	20-Jun-12 @ 12:00	Slide Hours		5.70		Percent Rotary:		92.26		45 -45	574 -574
		Below Rotary Hrs.		39.50		Percent Slide:		7.74			
Total Drilled:		2779.00		Avg. Total ROP:		129.46		Incl.		Azimuth	
Total Rotary Drilled:		2564.00		Avg. Rotary ROP:		162.62		IN	OUT	IN	OUT
Total Drilled Sliding:		215.00		Avg. Slide ROP:		37.72		.0	.0	.00	.00
SPP	2900 -2900	Weights	SO	80 -80	PU	80 -80	RAB	80 -80	Reason POOH		

Bit Data							Motor Data					Mud Data				
Security		FX55 5x16					6.5mtr,3.3stg,7/8lobe,0.16rev,1.83fixed					Type	LSND			
Type Bit				PDC			Model: Max Torque, HR			Pad OD		WT 9.9 <b>GAS</b> 0 <b>Solids</b> 10.8				
TFA		0.981					MFG. Hunting			6 5/8		Vis 69 <b>SAND</b> 0.25 T ° 0				
JETS		16	16	16	16	16	Bend ° 1.83		Stator/Rotor 7/8		PV 23 PH 9.6 Chlor 900					
		0	0	0	0	0	Bit to Bend 6		Motor Diff 450		YP 22 WL 6.8 Oil % 0					
Bit Coding			IADC#			Rev/GAL 0.16		<div>Pumps</div> <div>NAME</div> <div>Model</div> <div>Type</div> <div>Liner</div> <div>Stroke</div> <div>Efficiency</div>			PUMP1		PUMP1			
IR		OR	DL	Loc	BS	G	ODL									NB Stab 0
0		0					Rotor Jet 0									
Bit Drop:		312 PSI @ 574 GPM					Sensor Offsets									
Comments				Sensor	50	Sonic	0									
				Gamma	0	DNsc	5091									
				Restiv	0	GYRO	0									
											.00 .00					

Motor has 44.55 D & C Hrs + 25.6 from last Well Total of 70.15

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55 5x16	12006223		7 7/8	1.00	1.00	4 1/2 REGP
2	6 1/2 Max Torque	6162		6 3/4	28.65	29.65	4 1/2 XHB
3	UBHO	UB 63046	2 7/8	6 1/2	2.98	32.63	4 1/2 XHB
4	6 1/2 NMDC	4637	3 1/4	6 1/2	29.28	61.91	4 1/2 XHB
5	Gap Sub	G6511	3 1/4	6 1/2	4.58	66.49	4 1/2 XHB
6	6 1/2 NMDC	NA1	3 5/16	6 1/16	29.82	96.31	4 1/2 XHB
7	4 1/2in Spiral HWDP	Rig 37	2 7/8	4 1/2	922.35	1018.66	4 1/2 XHB



SDI Job #: 20120621  
 COMPANY: Bill Barrett  
 LOCATION: Silt  
 RIG NAME: Land  
 STATE: Colorado  
 COUNTY: Garfield  
 WELL NAME: Dixon Fed 11C-23-692

FIELD: Dixon SWNW-23-692  
 Sec-Twn-Rng:  
 AFE# & District

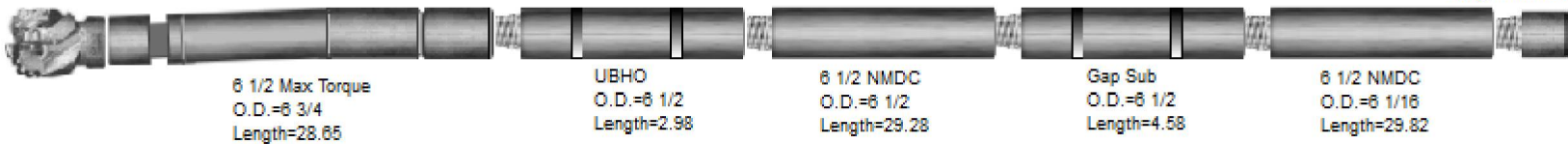
COMMENT

## BHA Summary Report for JOB

#	TIME IN - OUT			DEPTHS		Footage			ROP			RPM	FLOW	Incl.		Azimuth		Weight Ranges		
	Time IN	Time Out	Hrs.	IN	OUT	Rotary	Slide	Total	AVG.	Rotary	Slide		Rate	IN	OUT	IN	OUT	SO	PU	RAB
1	17-Jun-12 @ 16:00	18-Jun-12 @ 20:30	28.50	756.0	5091.0	3704.0	576.0	4335.0	210.61	255.2	94.9	35-45	335-574	.0	.0	.0	.0	0-80	0-80	0-80
				Hours>		14.52	6.07	20.58												

FXD56 5x16  
 O.D.=8 3/4  
 Length=1

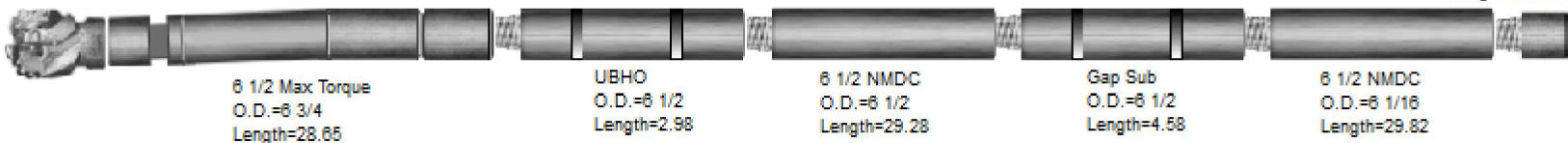
4 1/2in Spiral HWDP  
 O.D.=4 1/2  
 Length=922.35



#	TIME IN - OUT			DEPTHS		Footage			ROP			RPM	FLOW	Incl.		Azimuth		Weight Ranges		
	Time IN	Time Out	Hrs.	IN	OUT	Rotary	Slide	Total	AVG.	Rotary	Slide			IN	OUT	IN	OUT	SO	PU	RAB
2	18-Jun-12 @ 20:30	20-Jun-12 @ 12:00	39.50	5091.0	7870.0	2564.0	215.0	2779.0	129.46	162.6	37.7	45-45	574-574	.0	.0	.0	.0	80-80	80-80	80-80
				Hours>		15.77	5.70	21.47												

FX55 5x16  
 O.D.=7 7/8  
 Length=1

4 1/2in Spiral HWDP  
 O.D.=4 1/2  
 Length=922.35



**SDI Job #:** 20120621  
**COMPANY:** Bill Barrett  
**LOCATION:** Silt  
**RIG NAME:** Land  
**STATE:** Colorado  
**COUNTY:** Country  
**WELL NAME:** Dixon Fed 11C-23-692

**FIELD:** Dixon SWNW-23-692  
**Sec-Twn-Rng:**  
**SD District**

MOTOR INFORMATION	
Desc: 6.5mtr,3.3stg,7/8lobe,0.16rev,1.83fixe	
Bent Hsg/Sub: $1.8 / 1.8$ $3 / 3$	Bit to Bend: 6
PAD OD: 6 5/8	NB Stab:

## Slide Report for all BHA's in Job: 20120621

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	17-Jun	Drilling	17:30	18:02	0.53	811	926	115	15	215.6	45	3	410	800		0.00	0.00	0.00	
1	17-Jun	Sliding	18:07	18:12	0.08	926	943	17	25	204.0	45	3	574	1900	17 M	0.00	0.00	0.00	
1	17-Jun	Drilling	18:12	18:23	0.18	943	1018	75	25	409.1	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	18:28	18:32	0.07	1018	1038	20	25	300.0	45	3	574	1900	17 M	0.00	0.00	0.00	
1	17-Jun	Drilling	18:32	18:42	0.17	1038	1112	74	25	444.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	18:47	18:52	0.08	1112	1132	20	25	240.0	45	3	574	1900	30	0.00	0.00	0.00	
1	17-Jun	Drilling	18:52	19:05	0.22	1132	1208	76	25	350.8	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:10	19:16	0.10	1208	1232	24	25	240.0	45	3	574	1900	30	0.00	0.00	0.00	
1	17-Jun	Drilling	19:16	19:28	0.20	1232	1303	71	30	355.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:33	19:41	0.13	1303	1327	24	30	180.0	45	3	574	1900	360	0.00	0.00	0.00	
1	17-Jun	Drilling	19:41	19:51	0.17	1327	1397	70	30	420.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:55	20:03	0.13	1397	1423	26	30	195.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:03	20:12	0.15	1423	1492	69	30	460.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	20:17	20:23	0.10	1492	1518	26	30	260.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:23	20:35	0.20	1518	1585	67	30	335.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	20:40	20:46	0.10	1585	1615	30	30	300.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:46	20:59	0.22	1615	1679	64	30	295.4	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	21:04	21:12	0.13	1679	1709	30	30	225.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	21:12	21:25	0.22	1709	1774	65	30	300.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Drilling	21:29	21:46	0.28	1774	1869	95	30	335.3	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	21:51	21:55	0.07	1869	1884	15	30	225.0	45	3	574	2000	35	0.00	0.00	0.00	
1	17-Jun	Drilling	21:55	22:08	0.22	1884	1964	80	30	369.2	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	22:14	22:30	0.27	1964	2059	95	30	356.3	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	22:34	22:38	0.07	2059	2084	25	30	375.0	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Sliding	22:38	22:50	0.20	2084	2114	30	30	150.0	45	3	574	2000	30	0.00	0.00	0.00	
1	17-Jun	Drilling	22:50	22:56	0.10	2114	2154	40	30	400.0	45	3	574	2000		0.00	0.00	0.00	

# Slide Report for all BHA's in Job: 20120621

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	17-Jun	Drilling	23:02	23:19	0.28	2154	2249	95	30	335.3	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	23:23	23:40	0.28	2249	2343	94	30	331.8	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	23:45	23:51	0.10	2343	2373	30	30	300.0	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Sliding	23:51	24:00	0.15	2373	2403	30	30	200.0	45	3	574	2000	360	0.00	0.00	0.00	
1	18-Jun	Drilling	00:00	00:05	0.08	2403	2438	35	30	420.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	00:09	00:27	0.30	2438	2533	95	30	316.7	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	00:32	00:49	0.28	2533	2628	95	30	335.3	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Sliding	00:54	01:00	0.10	2628	2653	25	30	250.0	45	3	574	2200	320	0.00	0.00	0.00	
1	18-Jun	Drilling	01:00	01:13	0.22	2653	2721	68	30	313.8	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	01:18	01:37	0.32	2721	2816	95	30	300.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	01:41	02:00	0.32	2816	2911	95	30	300.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	02:05	02:24	0.32	2911	3005	94	30	296.8	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Sliding	02:29	02:40	0.18	3005	3035	30	30	163.6	45	3	574	2200	30	0.00	0.00	0.00	
1	18-Jun	Drilling	02:40	02:54	0.23	3035	3100	65	30	278.6	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	02:59	03:16	0.28	3100	3195	95	30	335.3	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	03:21	03:40	0.32	3195	3290	95	30	300.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	03:45	03:58	0.22	3290	3310	20	30	92.3	45	3	574	2400	30	0.00	0.00	0.00	
1	18-Jun	Drilling	03:58	04:18	0.33	3310	3385	75	30	225.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	04:23	04:43	0.33	3385	3479	94	30	282.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	04:47	05:10	0.38	3479	3574	95	30	247.8	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	05:15	05:22	0.12	3574	3604	30	30	257.1	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	05:22	05:33	0.18	3604	3619	15	30	81.8	45	3	574	2400	25	0.00	0.00	0.00	
1	18-Jun	Drilling	05:33	05:43	0.17	3619	3669	50	30	300.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	05:52	06:32	0.67	3669	3764	95	30	142.5	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	06:37	07:05	0.47	3764	3858	94	30	201.4	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	07:10	07:23	0.22	3858	3878	20	30	92.3	45	3	574	2400	50L	0.00	0.00	0.00	
1	18-Jun	Drilling	07:23	07:40	0.28	3878	3953	75	30	264.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	07:45	08:13	0.47	3953	4048	95	30	203.6	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	08:18	08:33	0.25	4048	4068	20	30	80.0	45	3	574	2400	20R	0.00	0.00	0.00	
1	18-Jun	Drilling	08:33	08:52	0.32	4068	4142	74	30	233.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	08:57	09:14	0.28	4142	4162	20	30	70.6	45	3	574	2400	20R	0.00	0.00	0.00	
1	18-Jun	Drilling	09:14	09:32	0.30	4162	4238	76	30	253.3	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	09:37	10:10	0.55	4238	4268	30	30	54.5	45	3	574	2400	20L	0.00	0.00	0.00	
1	18-Jun	Drilling	10:10	10:33	0.38	4268	4332	64	30	167.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	10:46	11:15	0.48	4332	4357	25	30	51.7	45	3	574	2400	30L	0.00	0.00	0.00	

# Slide Report for all BHA's in Job: 20120621

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	18-Jun	Drilling	11:15	11:39	0.40	4357	4427	70	30	175.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	11:44	12:21	0.62	4427	4522	95	30	154.1	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	12:26	12:56	0.50	4522	4617	95	30	190.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	13:01	13:27	0.43	4617	4712	95	30	219.2	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	13:32	14:04	0.53	4712	4737	25	30	46.9	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	14:04	14:29	0.42	4737	4807	70	30	168.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	14:34	15:17	0.72	4807	4831	24	30	33.5	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	15:17	15:45	0.47	4831	4901	70	30	150.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	15:48	16:19	0.52	4901	4996	95	30	183.9	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	16:21	16:52	0.52	4996	5001	5	30	9.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	17:00	17:29	0.48	5001	5026	25	30	51.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	17:29	17:55	0.43	5026	5091	65	30	150.0	45	3	574	2400		0.00	0.00	0.00	
2	19-Jun	Drilling	04:54	05:06	0.20	5091	5116	25	25	125.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	05:06	05:34	0.47	5116	5136	20	35	42.9	45	6	574	2900	300	0.00	0.00	0.00	
2	19-Jun	Drilling	05:34	05:50	0.27	5136	5186	50	25	187.5	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	05:55	06:27	0.53	5186	5280	94	25	176.3	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	06:32	07:03	0.52	5280	5375	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	07:07	07:35	0.47	5375	5390	15	35	32.1	45	6	574	2900	130L	0.00	0.00	0.00	
2	19-Jun	Drilling	07:35	08:00	0.42	5390	5469	79	25	189.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	08:04	08:35	0.52	5469	5564	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	08:39	09:10	0.52	5564	5659	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	09:14	09:43	0.48	5659	5754	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	09:46	10:18	0.53	5754	5849	95	25	178.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	10:21	10:55	0.57	5849	5945	96	25	169.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	11:00	11:29	0.48	5945	6040	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	11:34	12:02	0.47	6040	6065	25	35	53.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	12:02	12:24	0.37	6065	6134	69	25	188.2	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	12:27	13:00	0.55	6134	6229	95	25	172.7	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	13:04	13:38	0.57	6229	6321	92	25	162.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	13:42	14:13	0.52	6321	6416	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	14:17	14:53	0.60	6416	6510	94	25	156.7	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	14:57	15:27	0.50	6510	6605	95	25	190.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	15:32	16:14	0.70	6605	6630	25	35	35.7	45	6	574	2900	30M	0.00	0.00	0.00	
2	19-Jun	Drilling	16:14	16:33	0.32	6630	6700	70	25	221.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	16:38	17:15	0.62	6700	6725	25	35	40.5	45	6	574	2900	15L	0.00	0.00	0.00	

# Slide Report for all BHA's in Job: 20120621

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	19-Jun	Drilling	17:15	17:35	0.33	6725	6795	70	25	210.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	17:40	18:10	0.50	6795	6890	95	25	190.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	18:21	18:53	0.53	6890	6984	94	25	176.3	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	19:02	19:13	0.18	6984	7014	30	25	163.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	19:13	19:53	0.67	7014	7044	30	35	45.0	45	6	574	2900	300 M	0.00	0.00	0.00	
2	19-Jun	Drilling	19:53	20:06	0.22	7044	7079	35	25	161.5	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	20:17	20:57	0.67	7079	7094	15	35	22.5	45	6	574	2900	270 M	0.00	0.00	0.00	
2	19-Jun	Drilling	20:57	21:25	0.47	7094	7174	80	25	171.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	21:38	22:22	0.73	7174	7214	40	35	54.5	45	6	574	2900	270 M	0.00	0.00	0.00	
2	19-Jun	Drilling	22:22	22:56	0.57	7214	7269	55	25	97.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	23:05	23:11	0.10	7269	7279	10	25	100.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	23:11	24:00	0.82	7279	7298	19	35	23.3	45	6	574	2900	270 M	0.00	0.00	0.00	
2	20-Jun	Sliding	00:00	00:06	0.10	7298	7299	1	35	10.0	45	6	574	2900	270 M	0.00	0.00	0.00	
2	20-Jun	Drilling	00:06	00:46	0.67	7299	7364	65	25	97.5	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	00:55	01:24	0.48	7364	7459	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	01:34	02:08	0.57	7459	7554	95	25	167.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	02:18	02:44	0.43	7554	7648	94	25	216.9	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	02:54	03:53	0.98	7648	7743	95	25	96.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	04:03	04:57	0.90	7743	7838	95	25	105.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	05:07	05:30	0.38	7838	7870	32	25	83.5	45	6	574	2900		0.00	0.00	0.00	

Total Drilled: 7114 Avg. Total ROP: 166.54

DEPTH% - TIME %

Total Rotary Drilled: 6323 Avg. Rotary ROP: 204.30

Percent Rotary: 88.88 - 72.45

Total Drilled Sliding: 791 Avg. Slide ROP: 67.22

Percent Slide: 11.12 - 27.55



**SDI Job #:** 20120621  
**COMPANY:** Bill Barrett  
**LOCATION:** Silt  
**RIG NAME:** Land  
**STATE:** Colorado  
**COUNTY:** Country  
**WELL NAME:** Dixon Fed 11C-23-692

**FIELD:** Dixon SWNW-23-692  
**Sec-Twn-Rng:**  
**SD District**

MOTOR INFORMATION	
Desc: 6.5mtr,3.3stg,7/8lobe,0.16rev,1.83fixe	
Bent Hsg/Sub: $1.8 / 1.8$ $3 / 3$	Bit to Bend: 6
PAD OD: 6 5/8	NB Stab:

## Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	17-Jun	Drilling	17:30	18:02	0.53	811	926	115	15	215.6	45	3	410	800		0.00	0.00	0.00	
1	17-Jun	Sliding	18:07	18:12	0.08	926	943	17	25	204.0	45	3	574	1900	17 M	0.00	0.00	0.00	
1	17-Jun	Drilling	18:12	18:23	0.18	943	1018	75	25	409.1	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	18:28	18:32	0.07	1018	1038	20	25	300.0	45	3	574	1900	17 M	0.00	0.00	0.00	
1	17-Jun	Drilling	18:32	18:42	0.17	1038	1112	74	25	444.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	18:47	18:52	0.08	1112	1132	20	25	240.0	45	3	574	1900	30	0.00	0.00	0.00	
1	17-Jun	Drilling	18:52	19:05	0.22	1132	1208	76	25	350.8	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:10	19:16	0.10	1208	1232	24	25	240.0	45	3	574	1900	30	0.00	0.00	0.00	
1	17-Jun	Drilling	19:16	19:28	0.20	1232	1303	71	30	355.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:33	19:41	0.13	1303	1327	24	30	180.0	45	3	574	1900	360	0.00	0.00	0.00	
1	17-Jun	Drilling	19:41	19:51	0.17	1327	1397	70	30	420.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	19:55	20:03	0.13	1397	1423	26	30	195.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:03	20:12	0.15	1423	1492	69	30	460.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	20:17	20:23	0.10	1492	1518	26	30	260.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:23	20:35	0.20	1518	1585	67	30	335.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	20:40	20:46	0.10	1585	1615	30	30	300.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	20:46	20:59	0.22	1615	1679	64	30	295.4	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	21:04	21:12	0.13	1679	1709	30	30	225.0	45	3	574	1900	340	0.00	0.00	0.00	
1	17-Jun	Drilling	21:12	21:25	0.22	1709	1774	65	30	300.0	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Drilling	21:29	21:46	0.28	1774	1869	95	30	335.3	45	3	574	1900		0.00	0.00	0.00	
1	17-Jun	Sliding	21:51	21:55	0.07	1869	1884	15	30	225.0	45	3	574	2000	35	0.00	0.00	0.00	
1	17-Jun	Drilling	21:55	22:08	0.22	1884	1964	80	30	369.2	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	22:14	22:30	0.27	1964	2059	95	30	356.3	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	22:34	22:38	0.07	2059	2084	25	30	375.0	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Sliding	22:38	22:50	0.20	2084	2114	30	30	150.0	45	3	574	2000	30	0.00	0.00	0.00	
1	17-Jun	Drilling	22:50	22:56	0.10	2114	2154	40	30	400.0	45	3	574	2000		0.00	0.00	0.00	

## Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	17-Jun	Drilling	23:02	23:19	0.28	2154	2249	95	30	335.3	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	23:23	23:40	0.28	2249	2343	94	30	331.8	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Drilling	23:45	23:51	0.10	2343	2373	30	30	300.0	45	3	574	2000		0.00	0.00	0.00	
1	17-Jun	Sliding	23:51	24:00	0.15	2373	2403	30	30	200.0	45	3	574	2000	360	0.00	0.00	0.00	
1	18-Jun	Drilling	00:00	00:05	0.08	2403	2438	35	30	420.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	00:09	00:27	0.30	2438	2533	95	30	316.7	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	00:32	00:49	0.28	2533	2628	95	30	335.3	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Sliding	00:54	01:00	0.10	2628	2653	25	30	250.0	45	3	574	2200	320	0.00	0.00	0.00	
1	18-Jun	Drilling	01:00	01:13	0.22	2653	2721	68	30	313.8	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	01:18	01:37	0.32	2721	2816	95	30	300.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	01:41	02:00	0.32	2816	2911	95	30	300.0	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	02:05	02:24	0.32	2911	3005	94	30	296.8	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Sliding	02:29	02:40	0.18	3005	3035	30	30	163.6	45	3	574	2200	30	0.00	0.00	0.00	
1	18-Jun	Drilling	02:40	02:54	0.23	3035	3100	65	30	278.6	45	3	574	2200		0.00	0.00	0.00	
1	18-Jun	Drilling	02:59	03:16	0.28	3100	3195	95	30	335.3	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	03:21	03:40	0.32	3195	3290	95	30	300.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	03:45	03:58	0.22	3290	3310	20	30	92.3	45	3	574	2400	30	0.00	0.00	0.00	
1	18-Jun	Drilling	03:58	04:18	0.33	3310	3385	75	30	225.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	04:23	04:43	0.33	3385	3479	94	30	282.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	04:47	05:10	0.38	3479	3574	95	30	247.8	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	05:15	05:22	0.12	3574	3604	30	30	257.1	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	05:22	05:33	0.18	3604	3619	15	30	81.8	45	3	574	2400	25	0.00	0.00	0.00	
1	18-Jun	Drilling	05:33	05:43	0.17	3619	3669	50	30	300.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	05:52	06:32	0.67	3669	3764	95	30	142.5	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	06:37	07:05	0.47	3764	3858	94	30	201.4	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	07:10	07:23	0.22	3858	3878	20	30	92.3	45	3	574	2400	50L	0.00	0.00	0.00	
1	18-Jun	Drilling	07:23	07:40	0.28	3878	3953	75	30	264.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	07:45	08:13	0.47	3953	4048	95	30	203.6	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	08:18	08:33	0.25	4048	4068	20	30	80.0	45	3	574	2400	20R	0.00	0.00	0.00	
1	18-Jun	Drilling	08:33	08:52	0.32	4068	4142	74	30	233.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	08:57	09:14	0.28	4142	4162	20	30	70.6	45	3	574	2400	20R	0.00	0.00	0.00	
1	18-Jun	Drilling	09:14	09:32	0.30	4162	4238	76	30	253.3	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	09:37	10:10	0.55	4238	4268	30	30	54.5	45	3	574	2400	20L	0.00	0.00	0.00	
1	18-Jun	Drilling	10:10	10:33	0.38	4268	4332	64	30	167.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	10:46	11:15	0.48	4332	4357	25	30	51.7	45	3	574	2400	30L	0.00	0.00	0.00	

# Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	18-Jun	Drilling	11:15	11:39	0.40	4357	4427	70	30	175.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	11:44	12:21	0.62	4427	4522	95	30	154.1	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	12:26	12:56	0.50	4522	4617	95	30	190.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	13:01	13:27	0.43	4617	4712	95	30	219.2	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	13:32	14:04	0.53	4712	4737	25	30	46.9	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	14:04	14:29	0.42	4737	4807	70	30	168.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	14:34	15:17	0.72	4807	4831	24	30	33.5	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	15:17	15:45	0.47	4831	4901	70	30	150.0	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	15:48	16:19	0.52	4901	4996	95	30	183.9	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	16:21	16:52	0.52	4996	5001	5	30	9.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Sliding	17:00	17:29	0.48	5001	5026	25	30	51.7	45	3	574	2400		0.00	0.00	0.00	
1	18-Jun	Drilling	17:29	17:55	0.43	5026	5091	65	30	150.0	45	3	574	2400		0.00	0.00	0.00	

Total Drilled: 4335 Avg. Total ROP: 204.00

DEPTH% - TIME %

Total Rotary Drilled: 3759 Avg. Rotary ROP: 247.57 Percent Rotary: 86.71 - 71.45

Total Drilled Sliding: 576 Avg. Slide ROP: 94.95 Percent Slide: 13.29 - 28.55

**SDI Job #:** 20120621  
**COMPANY:** Bill Barrett  
**LOCATION:** Silt  
**RIG NAME:** Land  
**STATE:** Colorado  
**COUNTY:** Country  
**WELL NAME:** Dixon Fed 11C-23-692

**FIELD:** Dixon SWNW-23-692  
**Sec-Twn-Rng:**  
**SD District**

MOTOR INFORMATION	
Desc: 6.5mtr,3.3stg,7/8lobe,0.16rev,1.83fixe	
Bent Hsg/Sub: 1.8 / 0	Bit to Bend: 6
PAD OD: 6 5/8	NB Stab:

## Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	19-Jun	Drilling	04:54	05:06	0.20	5091	5116	25	25	125.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	05:06	05:34	0.47	5116	5136	20	35	42.9	45	6	574	2900	300	0.00	0.00	0.00	
2	19-Jun	Drilling	05:34	05:50	0.27	5136	5186	50	25	187.5	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	05:55	06:27	0.53	5186	5280	94	25	176.3	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	06:32	07:03	0.52	5280	5375	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	07:07	07:35	0.47	5375	5390	15	35	32.1	45	6	574	2900	130L	0.00	0.00	0.00	
2	19-Jun	Drilling	07:35	08:00	0.42	5390	5469	79	25	189.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	08:04	08:35	0.52	5469	5564	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	08:39	09:10	0.52	5564	5659	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	09:14	09:43	0.48	5659	5754	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	09:46	10:18	0.53	5754	5849	95	25	178.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	10:21	10:55	0.57	5849	5945	96	25	169.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	11:00	11:29	0.48	5945	6040	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	11:34	12:02	0.47	6040	6065	25	35	53.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	12:02	12:24	0.37	6065	6134	69	25	188.2	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	12:27	13:00	0.55	6134	6229	95	25	172.7	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	13:04	13:38	0.57	6229	6321	92	25	162.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	13:42	14:13	0.52	6321	6416	95	25	183.9	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	14:17	14:53	0.60	6416	6510	94	25	156.7	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	14:57	15:27	0.50	6510	6605	95	25	190.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	15:32	16:14	0.70	6605	6630	25	35	35.7	45	6	574	2900	30M	0.00	0.00	0.00	
2	19-Jun	Drilling	16:14	16:33	0.32	6630	6700	70	25	221.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	16:38	17:15	0.62	6700	6725	25	35	40.5	45	6	574	2900	15L	0.00	0.00	0.00	
2	19-Jun	Drilling	17:15	17:35	0.33	6725	6795	70	25	210.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	17:40	18:10	0.50	6795	6890	95	25	190.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	18:21	18:53	0.53	6890	6984	94	25	176.3	45	6	574	2900		0.00	0.00	0.00	

# Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	19-Jun	Drilling	19:02	19:13	0.18	6984	7014	30	25	163.6	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	19:13	19:53	0.67	7014	7044	30	35	45.0	45	6	574	2900	300 M	0.00	0.00	0.00	
2	19-Jun	Drilling	19:53	20:06	0.22	7044	7079	35	25	161.5	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	20:17	20:57	0.67	7079	7094	15	35	22.5	45	6	574	2900	270 M	0.00	0.00	0.00	
2	19-Jun	Drilling	20:57	21:25	0.47	7094	7174	80	25	171.4	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	21:38	22:22	0.73	7174	7214	40	35	54.5	45	6	574	2900	270 M	0.00	0.00	0.00	
2	19-Jun	Drilling	22:22	22:56	0.57	7214	7269	55	25	97.1	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Drilling	23:05	23:11	0.10	7269	7279	10	25	100.0	45	6	574	2900		0.00	0.00	0.00	
2	19-Jun	Sliding	23:11	24:00	0.82	7279	7298	19	35	23.3	45	6	574	2900	270 M	0.00	0.00	0.00	
2	20-Jun	Sliding	00:00	00:06	0.10	7298	7299	1	35	10.0	45	6	574	2900	270 M	0.00	0.00	0.00	
2	20-Jun	Drilling	00:06	00:46	0.67	7299	7364	65	25	97.5	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	00:55	01:24	0.48	7364	7459	95	25	196.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	01:34	02:08	0.57	7459	7554	95	25	167.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	02:18	02:44	0.43	7554	7648	94	25	216.9	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	02:54	03:53	0.98	7648	7743	95	25	96.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	04:03	04:57	0.90	7743	7838	95	25	105.6	45	6	574	2900		0.00	0.00	0.00	
2	20-Jun	Drilling	05:07	05:30	0.38	7838	7870	32	25	83.5	45	6	574	2900		0.00	0.00	0.00	

Total Drilled: 2779 Avg. Total ROP: 129.46

DEPTH% - TIME %

Total Rotary Drilled: 2564 Avg. Rotary ROP: 162.62 Percent Rotary: 92.26 - 73.45

Total Drilled Sliding: 215 Avg. Slide ROP: 37.72 Percent Slide: 7.74 - 26.55

SDI Job #:	20120621
COMPANY:	Bill Barrett
LOCATION:	Silt
RIG NAME:	Land
STATE:	Colorado
COUNTY:	USA
WELL NAME:	Dixon Fed 11C-23-692

FIELD:	Dixon SWNW-23-692
Sec-Twin-Ring	
AFE# & District	

## Tool Utilization Report

### Bits

#### 12006223 - FX55 5x16

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
2	15.77	5.70	22.88	22.97	39.50	2,779.00
1	15.77	5.70	22.88	22.97	39.50	2,779.00

<< Summary for 12006223

#### 12019810 - FXD56 5x16

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	<b>30.28</b>	<b>11.77</b>	<b>44.47</b>	<b>44.55</b>	<b>68.00</b>	<b>7,114.00</b>

<< Summary for 12019810

<< Summary for Bits

### DC

#### 4637 - 6 1/2 NMDC

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00

<< Summary for 4637

#### NA1 - 6 1/2 NMDC

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00
4	<b>60.57</b>	<b>23.53</b>	<b>88.93</b>	<b>89.10</b>	<b>136.00</b>	<b>14,228.00</b>

<< Summary for NA1

<< Summary for DC

### Motors

#### 6162 - 6 1/2 Max Torque

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
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## Tool Utilization Report

1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00
2	<b>30.28</b>	<b>11.77</b>	<b>44.47</b>	<b>44.55</b>	<b>68.00</b>	<b>7,114.00</b>

<< Summary for 6162

<< Summary for Motors

### MWD

G6511

Cap Sub

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00

<< Summary for G6511

### UB 63046 - UBHO

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00
4	<b>60.57</b>	<b>23.53</b>	<b>88.93</b>	<b>89.10</b>	<b>136.00</b>	<b>14,228.00</b>

<< Summary for UB 63046

<< Summary for MWD

### Other

### Rig 37 - 4 1/2in Spiral HWDP

BHA #	Rotary Hours	Slide Hours	Total Hours	Circ. Hours	Below Rotary	Amount Drilled
1	14.52	6.07	21.58	21.58	28.50	4,335.00
2	15.77	5.70	22.88	22.97	39.50	2,779.00
2	30.28	11.77	44.47	44.55	68.00	7,114.00
2	<b>30.28</b>	<b>11.77</b>	<b>44.47</b>	<b>44.55</b>	<b>68.00</b>	<b>7,114.00</b>

<< Summary for Rig 37

<< Summary for Other

SDI Job #:		FIELD:	
COMPANY:		Sec-1wn-Ring	
LOCATION:		AFE# & District	
RIG NAME:			
STATE:			
COUNTY:			
WELL NAME:			

## Field Estimate

Cost Breakdown							
Charge Date	IDENTIFIER	Description	Type of Units		Minimum Charge	Maximum Charge	Price
			Units	Price/Unit			
Total for							\$0.00
Total for Invoice:							\$0.00

Oil Company Representative: \_\_\_\_\_ Date: \_\_\_\_\_

Directional Company Reprmentative: \_\_\_\_\_ Date: \_\_\_\_\_



BHA # 1

## Rotary Steerable Report

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

SD District

RIG NAME: Land

Lead DD: Bobby Wolf

STATE: Colorado

Co. Man: Robert Schultz

COUNTY: Garfield

WELL NAME: Dixon Fed 11C-23-692

RS Failed?: NO

Motor Used?: NO

Time and Depths (This BHA)	Rotary Steerable Data	Drilling Parameters
Date In: 17-Jun-12 @ 16:00	Desc:	SO/PU: 0 - 80 / 0-80
Date Out: 18-Jun-12 @ 20:30	MFG.:	Rot Wt: 0-80
Hrs In Hole: 28.50	BHA Circ/ All BHA:	WOB: 10 - 30
Start Depth: 756.00	Rotary SN:	TORQ: 3 - 3
End Depth: 5091.00	RS Pad OD:	SPP: 550 - 2400
Total Drilled: 4335.00	RS Stab OD:	Motor RPM:
Avg. Total ROP: 204.00	Blades Count/Type /	Rotary RPM: 45 - 45
<b>Circ Hrs:Tot/Only</b> 21.58 / .33	Blade Style:	Flow Rate: 335 - 574
Percent Slide: 13.29	RS Guage Length	Avg Diff: 450
Percent Hrs: 28.55	Hardfacing:	Stall Pres.: 700
Slide Hours: 6.07	Bit to RS Stab:	Off Bot Pres.:
Total Sliding: 576.00	RS Stab to Top:	<b>Bit Record</b> Security / FXD56 5x16 Run #: 1 Type Bit: PDC <b>IADC#:</b> TFA: 0.981 JETS: 5-16 Bit Drop: 312 PSI @ 574 GPM Cond.:
Avg. Slide ROP: 94.95	Blade Collapse:	
Percent Rotary: 86.71	<b>Wake Up/RPM/Drill:</b>	
Percent Hrs: 71.45	Battery Usage:	
Rot / Total Hrs: 15.18 / 21.25	Prop BUR:	
Rotary Drilled: 3759.00	Act BUR:	
Avg. Rotary ROP: 247.57		
Reason POOH: HR		

## Mud Data

Type LSND WT: 9.9 Vis: 69 WL: 6.8 PV: 23 Flow T °: 0  
**SAND:** 0.25 Chlor: 900 **GAS:** 0 **SOL:** 10.8 Oil %: 0 YP: 22 PH: 9.6 Bottom Hole T °: 136

Formation:

EXPANDED REASON PULLED:

HRS

ROTARY STEERABLE PERFORMANCE:

ADDITIONAL COMMENTS: (Expands to next page if necessary)

BHA # 2

## Rotary Steerable Report

SDI Job #: 20120621  
 COMPANY: Bill Barrett  
 LOCATION: Silt  
 RIG NAME: Land  
 STATE: Colorado  
 COUNTY: Garfield

FIELD: Dixon SWNW-23-692  
 Sec-Twn-Rng:  
 SD District  
 Lead DD: Bobby Wolf  
 Co. Man: Robert Schultz

WELL NAME: Dixon Fed 11C-23-692 RS Failed?: NO Motor Used?: NO

Time and Depths (This BHA)	Rotary Steerable Data	Drilling Parameters
Date In: 18-Jun-12 @ 20:30	Desc:	SO/PU: 80 - 80 / 80-80
Date Out: 20-Jun-12 @ 12:00	MFG.:	Rot Wt: 80-80
Hrs In Hole: 39.50	BHA Circ/ All BHA:	WOB: 25 - 35
Start Depth: 5091.00	Rotary SN:	TORQ: 6 - 6
End Depth: 7870.00	RS Pad OD:	SPP: 2900 - 2900
Total Drilled: 2779.00	RS Stab OD:	Motor RPM:
Avg. Total ROP: 129.46	Blades Count/Type /	Rotary RPM: 45 - 45
<b>Circ Hrs:Tot/Only</b> 22.97 / 1.50	Blade Style:	Flow Rate: 574 - 574
Percent Slide: 7.74	RS Guage Length	Avg Diff: 450
Percent Hrs: 26.55	Hardfacing:	Stall Pres.: 700
Slide Hours: 5.70	Bit to RS Stab:	Off Bot Pres.:
Total Sliding: 215.00	RS Stab to Top:	Bit Record
Avg. Slide ROP: 37.72	Blade Collapse:	Security / FX55 5x16
Percent Rotary: 92.26	<b>Wake Up/RPM/Drill:</b>	Run #: 2
Percent Hrs: 73.45	Battery Usage:	Type Bit: PDC
Rot / Total Hrs: 15.77 / 21.47	Prop BUR:	<b>IADC#:</b> TFA: 0.981
Rotary Drilled: 2564.00	Act BUR:	JETS: 5-16
Avg. Rotary ROP: 162.62		Bit Drop: 312 PSI @ 574 GPM
Reason POOH:		Cond.:

## Mud Data

Type LSND WT: 9.9 Vis: 69 WL: 6.8 PV: 23 Flow T °: 0  
**SAND:** 0.25 Chlor: 900 **GAS:** 0 **SOL:** 10.8 Oil %: 0 YP: 22 PH: 9.6 Bottom Hole T °: 136

Formation:

EXPANDED REASON PULLED:

ROTARY STEERABLE PERFORMANCE:

ADDITIONAL COMMENTS: (Expands to next page if necessary)

BHA # 1

## Mud Motor Report

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

SD District

RIG NAME: Land

Lead DD: Bobby Wolf

STATE: Colorado

Co. Man: Robert Schultz

COUNTY: Garfield

WELL NAME: Dixon Fed 11C-23-692 Motor Failed?: NO

Time and Depths (This BHA)	Motor Data	Drilling Parameters
Date In: 17-Jun-12 @ 16:00	Desc: 6.5mtr,3.3stg,7/8lobe,0.16rev,1.8	SO/PU: 0 - 80 / 0-80
Date Out: 18-Jun-12 @ 20:30	MFG.: Hunting	Rot Wt: 0-80
Hrs In Hole: 28.50	BHA Circ/ All BHA: 21.58 / 44.55	WOB: 10 - 30
Start Depth: 756.00	Motor SN: 6162	TORQ: 3 - 3
End Depth: 5091.00	PAD OD: 6 5/8	SPP: 550 - 2400
Total Drilled: 4335.00	NB Stab: 0	Motor RPM: 92
Avg. Total ROP: 204.00	Bit to Bend: 6	Rotary RPM: 45 - 45
Circ Hrs:Tot/Only 21.58 / .33	Bent Hsg / Sub: 1.83 / 1.83 °	Flow Rate: 335 - 574
Percent Slide: 13.29	Lobe/Stage: 7/8 / 3.3	Avg Diff: 450
Percent Hrs: 28.55	Rev/GAL: 0.16	Stall Pres.: 700
Slide Hours: 6.07	Rotor Jet: 0	Off Bot Pres.:
Total Sliding: 576.00	Prop BUR:	Bit Record
Avg. Slide ROP: 94.95	Act BUR:	Security / FXD56 5x16
Percent Rotary: 86.71	Stator Clearance:	Run #: 1
Percent Hrs: 71.45	Lower Stab OD:	Type Bit: PDC
Rot / Total Hrs: 15.18 / 21.25	Upper Stab OD:	IADC#: TFA: 0.981
Rotary Drilled: 3759.00	Extended Motor? YES	JETS: 5-16
Avg. Rotary ROP: 247.57	Number of Stalls: 0	Bit Drop: 312 PSI @ 574 GPM
Reason POOH: HR	Stall Duration:	Cond.:

## Mud Data

Type LSND WT: 9.9 Vis: 69 WL: 6.8 PV: 23 Flow T °: 0  
 SAND: 0.25 Chlor: 900 GAS: 0 SOL: 10.8 Oil %: 0 YP: 22 PH: 9.6 Bottom Hole T °: 136

Formation:

EXPANDED REASON PULLED:

HRS

BHA PERFORMANCE:

Fair

ADDITIONAL COMMENTS: (Expands to next page if necessary)

BHA # 2

## Mud Motor Report

SDI Job #: 20120621

FIELD: Dixon SWNW-23-692

COMPANY: Bill Barrett

Sec-Twn-Rng:

LOCATION: Silt

SD District

RIG NAME: Land

Lead DD: Bobby Wolf

STATE: Colorado

Co. Man: Robert Schultz

COUNTY: Garfield

WELL NAME: Dixon Fed 11C-23-692 Motor Failed?: NO

Time and Depths (This BHA)	Motor Data	Drilling Parameters
Date In: 18-Jun-12 @ 20:30	Desc: 6.5mtr,3.3stg,7/8lobe,0.16rev,1.8	SO/PU: 80 - 80 / 80-80
Date Out: 20-Jun-12 @ 12:00	MFG.: Hunting	Rot Wt: 80-80
Hrs In Hole: 39.50	BHA Circ/ All BHA: 22.97 / 44.55	WOB: 25 - 35
Start Depth: 5091.00	Motor SN: 6162	TORQ: 6 - 6
End Depth: 7870.00	PAD OD: 6 5/8	SPP: 2900 - 2900
Total Drilled: 2779.00	NB Stab: 0	Motor RPM: 92
Avg. Total ROP: 129.46	Bit to Bend: 6	Rotary RPM: 45 - 45
Circ Hrs:Tot/Only 22.97 / 1.50	Bent Hsg / Sub: 1.83 /	Flow Rate: 574 - 574
Percent Slide: 7.74	Lobe/Stage: 7/8 / 3.3	Avg Diff: 450
Percent Hrs: 26.55	Rev/GAL: 0.16	Stall Pres.: 700
Slide Hours: 5.70	Rotor Jet: 0	Off Bot Pres.:
Total Sliding: 215.00	Prop BUR:	Bit Record
Avg. Slide ROP: 37.72	Act BUR:	Security / FX55 5x16
Percent Rotary: 92.26	Stator Clearance:	Run #: 2
Percent Hrs: 73.45	Lower Stab OD:	Type Bit: PDC
Rot / Total Hrs: 15.77 / 21.47	Upper Stab OD:	IADC#: TFA: 0.981
Rotary Drilled: 2564.00	Extended Motor? NO	JETS: 5-16
Avg. Rotary ROP: 162.62	Number of Stalls:	Bit Drop: 312 PSI @ 574 GPM
Reason POOH:	Stall Duration:	Cond.:

## Mud Data

Type LSND WT: 9.9 Vis: 69 WL: 6.8 PV: 23 Flow T °: 0  
 SAND: 0.25 Chlor: 900 GAS: 0 SOL: 10.8 Oil %: 0 YP: 22 PH: 9.6 Bottom Hole T °: 136

Formation:

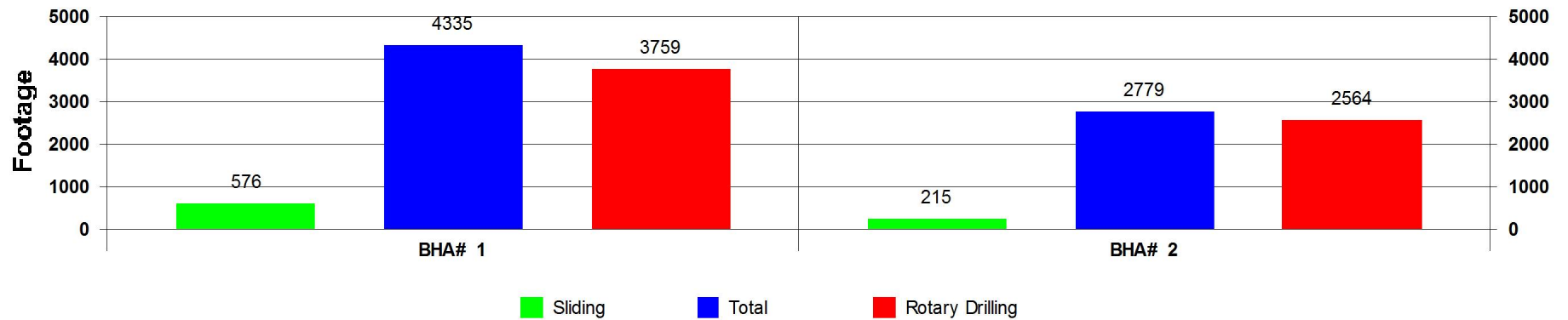
EXPANDED REASON PULLED:

BHA PERFORMANCE:

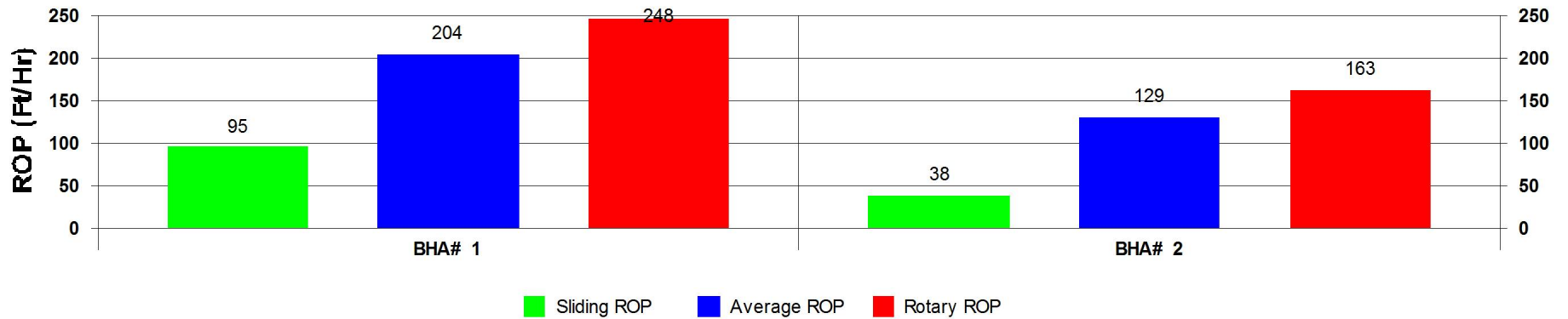
ADDITIONAL COMMENTS: (Expands to next page if necessary)

<b>SDI Job #:</b>	20120621	<b>FIELD:</b>	Dixon SWNW-23-692	
<b>COMPANY:</b>	Bill Barrett	<b>Sec-Twn-Rng:</b>		
<b>LOCATION:</b>	Silt	<b>AFE# &amp; District</b>		
<b>RIG NAME:</b>	Land	<b>COMMENT</b>		
<b>STATE:</b>	Colorado			
<b>COUNTY:</b>	Garfield			
<b>WELL NAME:</b>	Dixon Fed 11C-23-692			

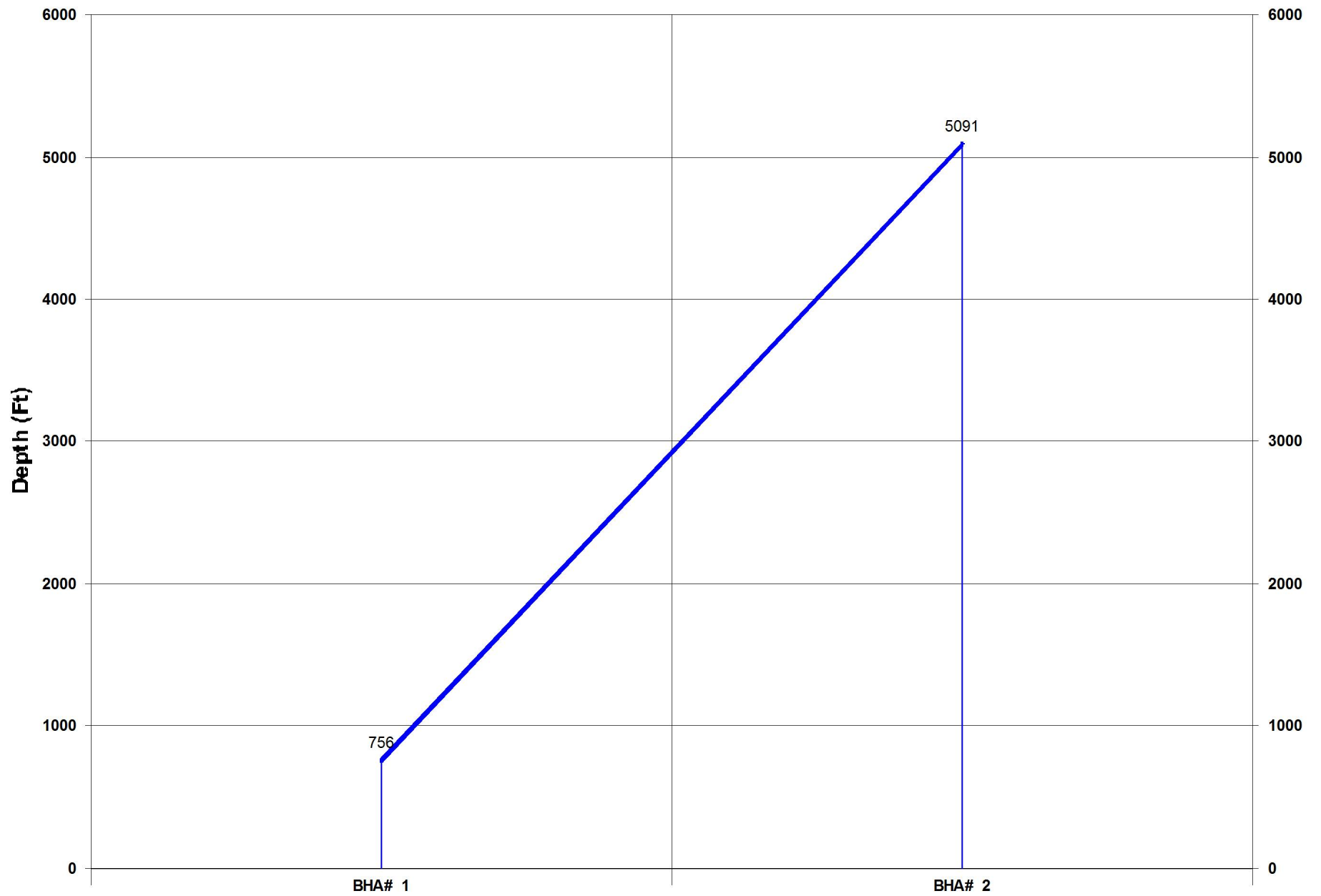
### Footage Drilled with BHA



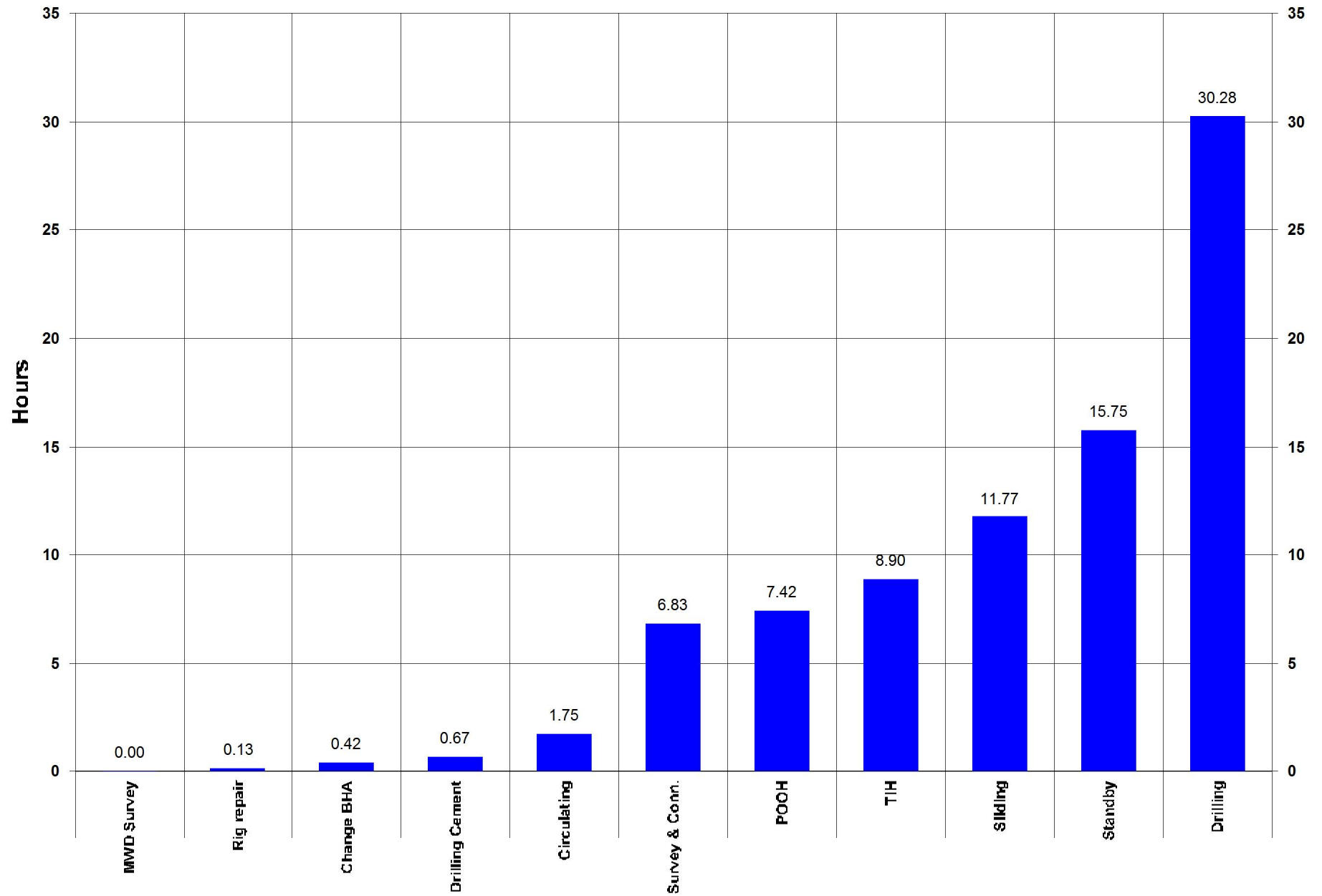
### ROP vs BHA



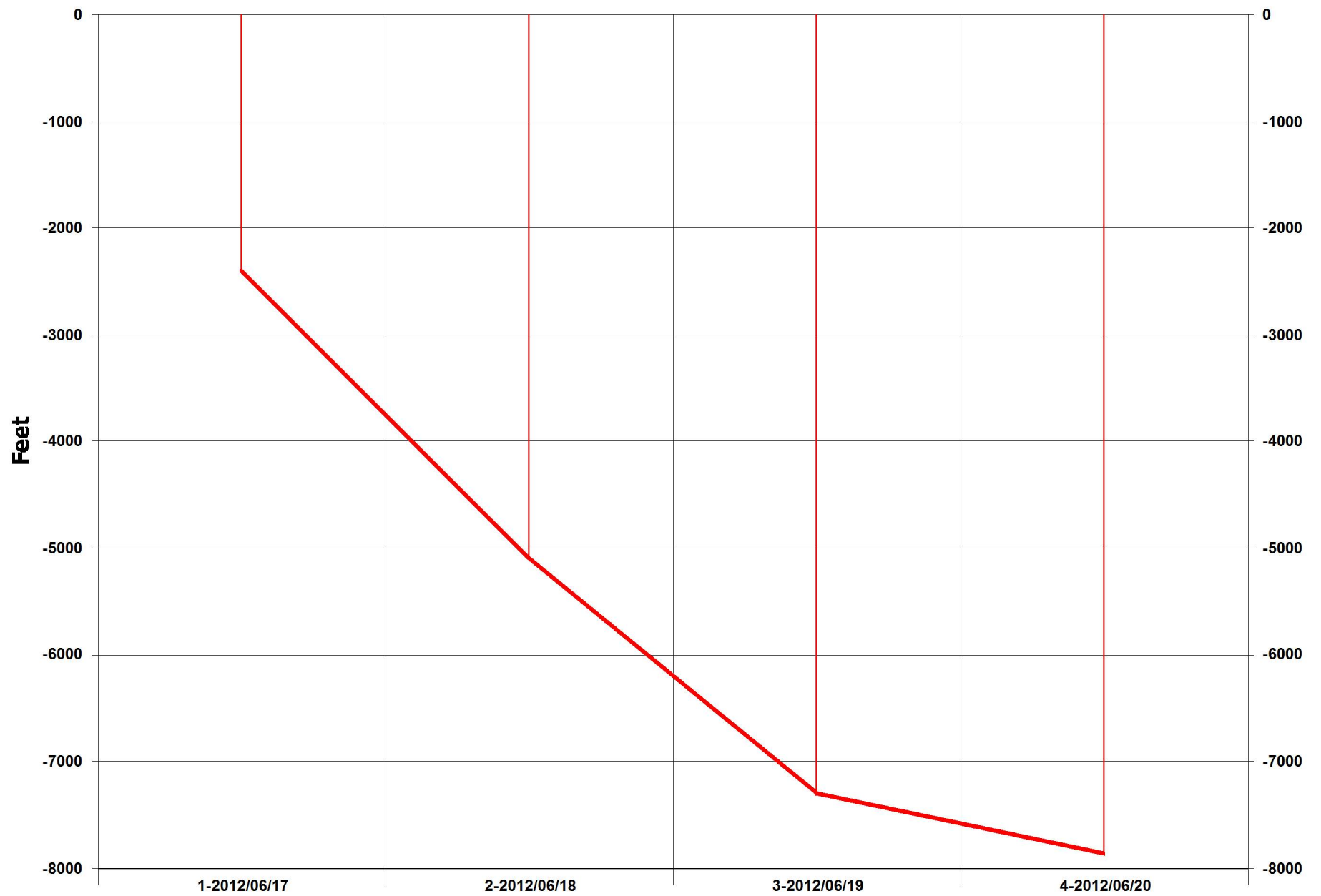
# Depth vs BHA



## Activity Histogram

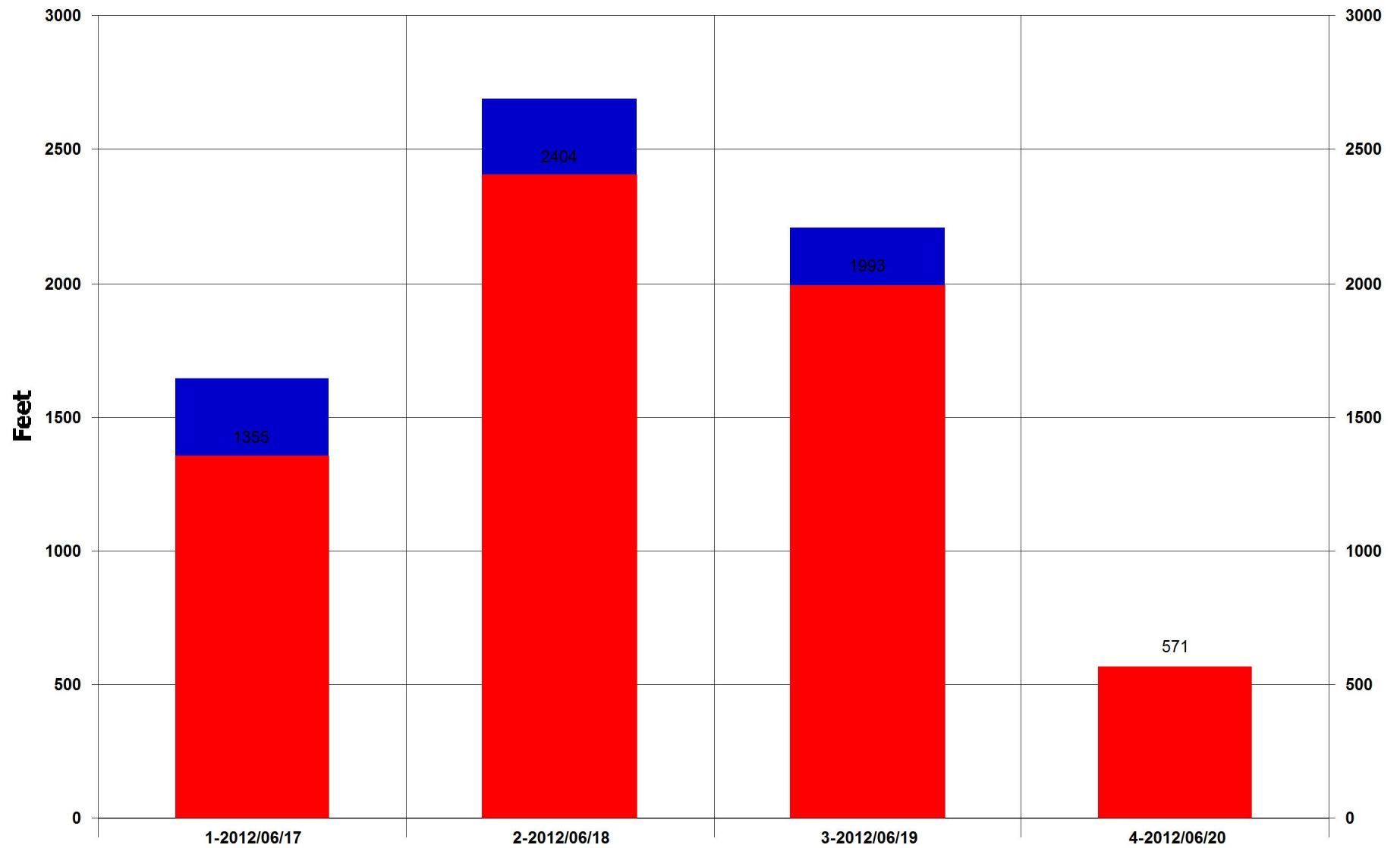


Measured Depth vs Days



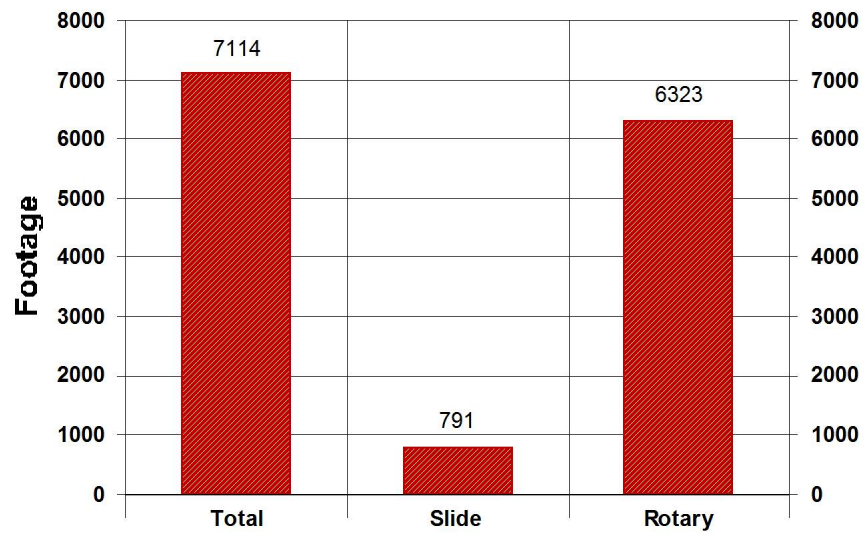


## Daily Footage

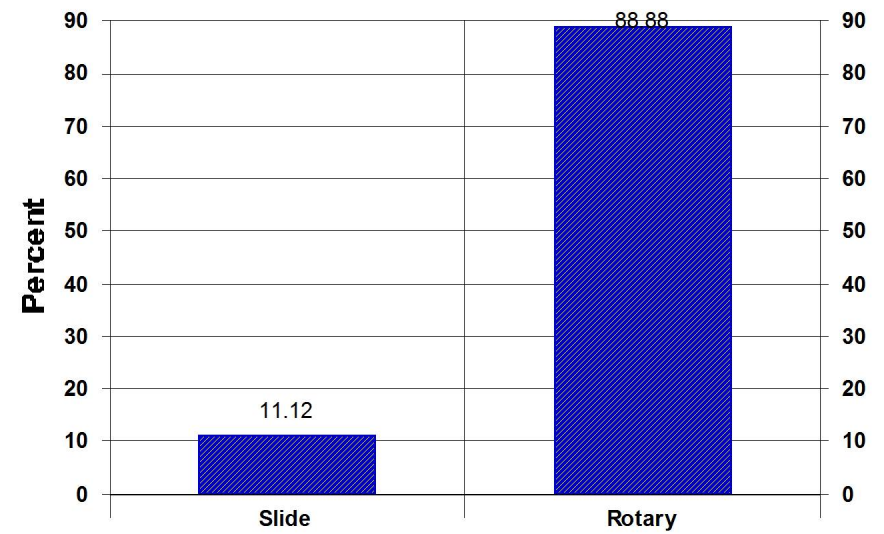


Rotary Drilling Sliding

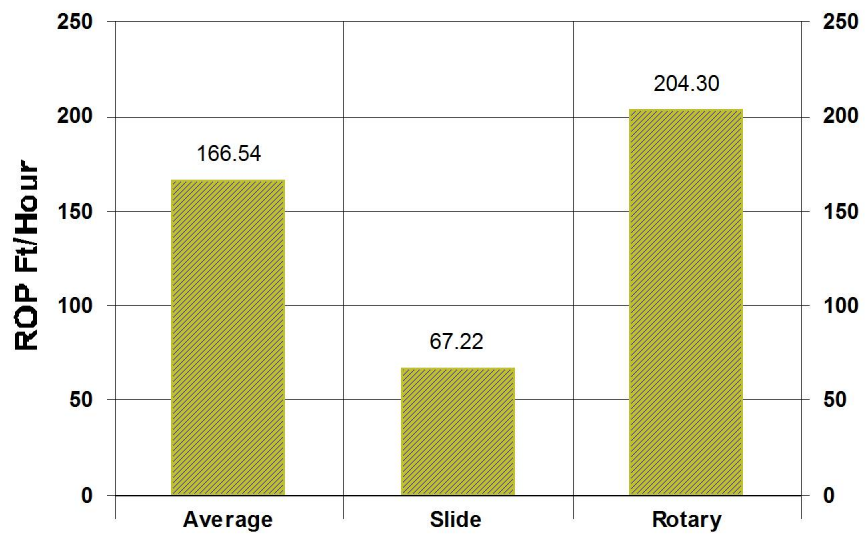
Footage Drilled Totals



Footage Percent



Rate of Penetration Totals



Time Percent

