



END OF WELL REPORT

Prepared For:

**Axia Energy
Kimball Creek 11-416D-995
Mesa County, Colorado**

Prepared By:

***Robert Scott, Denver Well Planner
Scientific Drilling
Rocky Mountain Region***

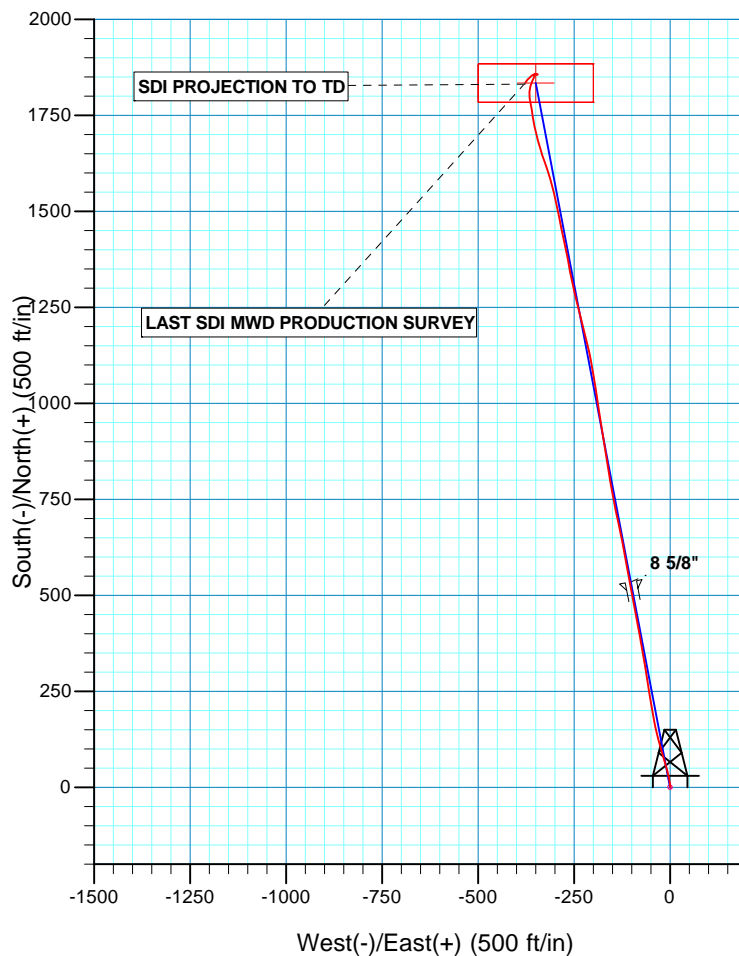
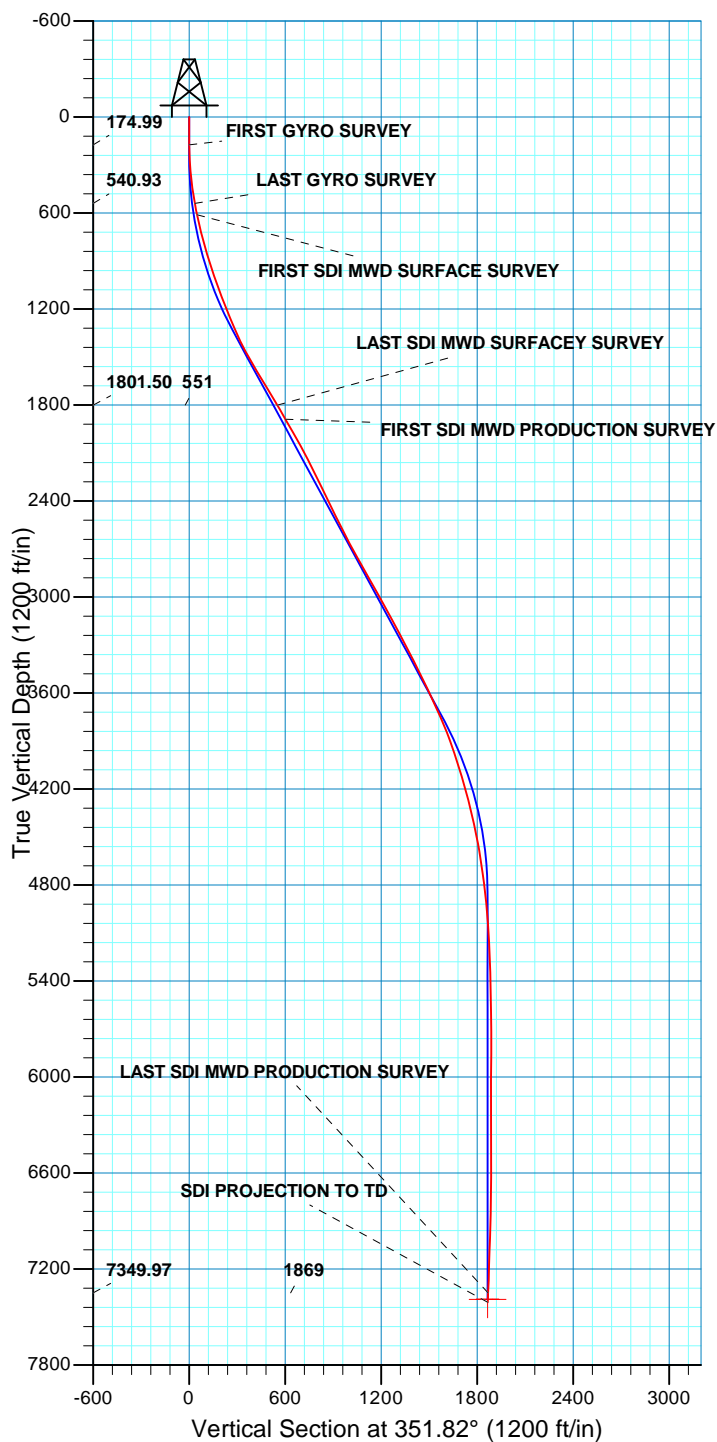
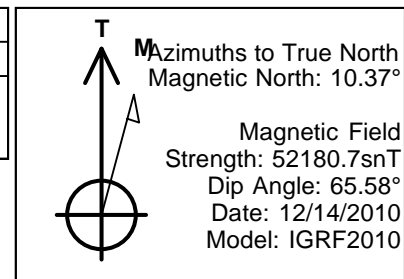
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WELL DETAILS: Kimball Creek 11-416D-995					
GL 6874' & RKB 25' @ 6899.00ft (H&P 307)					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1536047.89	2305684.35	39° 16' 46.020 N	107° 57' 11.214 W



PROJECT DETAILS: Mesa County, Colorado	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	Colorado Central Zone
Location:	Section 14 T9S R95W
System Datum:	Mean Sea Level

Axia Energy

Mesa County, Colorado

Kimball Creek 14-2D1-995 Pad

Kimball Creek 11-416D-995

OH

Design: OH

Standard Survey Report

27 January, 2011

Company:	Axia Energy	Local Co-ordinate Reference:	Well Kimball Creek 11-416D-995
Project:	Mesa County, Colorado	TVD Reference:	GL 6874' & RKB 25' @ 6899.00ft (H&P 307)
Site:	Kimball Creek 14-2D1-995 Pad	MD Reference:	GL 6874' & RKB 25' @ 6899.00ft (H&P 307)
Well:	Kimball Creek 11-416D-995	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000-RobertS-Local

Project	Mesa County, Colorado,		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site		Kimball Creek 14-2D1-995 Pad, Section 14 T9S R95W			
Site Position:		Northing:	1,536,047.90 usft	Latitude:	39° 16' 46.020 N
From:	Lat/Long	Easting:	2,305,684.35 usft	Longitude:	107° 57' 11.214 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	-1.55 °

Well						
Kimball Creek 11-416D-995, 1679 FNL 347 FEL						
Well Position	+N/-S	0.00 ft	Northing:	1,536,047.90 usft	Latitude:	39° 16' 46.020 N
	+E/-W	0.00 ft	Easting:	2,305,684.35 usft	Longitude:	107° 57' 11.214 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,874.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/14/2010	10.37	65.58	52,181

Design	OH				
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	351.82	

Survey Program	Date	01/27/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
175.00	543.00	Survey #1 GYRO (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
615.00	7,815.00	Survey #2 SDI MWD SURVEY (OH)	SDI MWD	SDI MWD - Standard ver 1.0.1	

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	
175.00	0.79	8.61	174.99	1.19	0.18	1.15	0.45	0.45	0.00	
FIRST GYRO SURVEY										
267.00	3.08	1.76	266.94	4.29	0.35	4.20	2.50	2.49	-7.45	
359.00	5.01	351.47	358.70	10.73	-0.17	10.65	2.23	2.10	-11.18	
451.00	7.83	349.01	450.12	20.86	-1.96	20.93	3.08	3.07	-2.67	
543.00	10.56	346.90	540.93	35.23	-5.07	35.59	2.99	2.97	-2.29	
LAST GYRO SURVEY										
615.00	12.06	344.27	611.53	48.89	-8.60	49.62	2.20	2.08	-3.65	

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Well:	Kimball Creek 11-416D-995	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000-RobertS-Local

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)
FIRST SDI MWD SURFACE SURVEY									
707.00	13.98	343.12	701.16	68.78	-14.43	70.13	2.11	2.09	-1.25
799.00	15.68	343.34	790.09	91.33	-21.22	93.42	1.85	1.85	0.24
891.00	17.10	344.56	878.35	116.28	-28.39	119.13	1.59	1.54	1.33
982.00	18.47	348.05	965.00	143.28	-34.94	146.79	1.91	1.51	3.84
1,076.00	19.70	348.66	1,053.83	173.38	-41.14	177.47	1.33	1.31	0.65
1,171.00	21.00	350.47	1,142.90	205.87	-47.10	210.48	1.52	1.37	1.91
1,265.00	22.16	350.77	1,230.31	239.98	-52.74	245.04	1.24	1.23	0.32
1,360.00	23.74	350.68	1,317.79	276.54	-58.71	282.08	1.66	1.66	-0.09
1,454.00	25.94	350.86	1,403.09	315.51	-65.04	321.56	2.34	2.34	0.19
1,548.00	28.40	350.42	1,486.71	357.86	-72.02	364.47	2.63	2.62	-0.47
1,643.00	30.43	349.89	1,569.46	403.82	-80.01	411.10	2.15	2.14	-0.56
1,737.00	31.92	348.75	1,649.88	451.64	-89.04	459.71	1.70	1.59	-1.21
1,832.00	31.13	349.01	1,730.86	500.37	-98.62	509.32	0.84	-0.83	0.27
1,914.00	29.90	349.72	1,801.50	541.29	-106.31	550.91	1.56	-1.50	0.87
LAST SDI MWD SURFACE SURVEY									
2,016.00	30.24	349.84	1,889.77	591.59	-115.37	601.99	0.34	0.33	0.12
FIRST SDI MWD PRODUCTION SURVEY									
2,110.00	29.81	349.19	1,971.16	637.84	-123.93	648.99	0.57	-0.46	-0.69
2,205.00	28.93	348.31	2,053.95	683.54	-133.02	695.51	1.03	-0.93	-0.93
2,299.00	27.35	347.43	2,136.84	726.88	-142.32	739.74	1.74	-1.68	-0.94
2,393.00	26.73	350.16	2,220.56	768.79	-150.63	782.40	1.48	-0.66	2.90
2,488.00	25.59	349.80	2,305.83	810.03	-157.92	824.26	1.21	-1.20	-0.38
2,582.00	25.82	351.67	2,390.53	850.27	-164.48	865.02	0.90	0.24	1.99
2,676.00	25.85	350.68	2,475.14	890.74	-170.76	905.98	0.46	0.03	-1.05
2,771.00	27.08	351.03	2,560.18	932.54	-177.49	948.31	1.31	1.29	0.37
2,865.00	28.67	351.47	2,643.27	975.98	-184.17	992.25	1.71	1.69	0.47
2,960.00	27.70	352.00	2,727.00	1,020.38	-190.62	1,037.12	1.05	-1.02	0.56
3,054.00	29.99	349.89	2,809.34	1,065.15	-197.79	1,082.46	2.67	2.44	-2.24
3,148.00	29.37	350.07	2,891.01	1,110.99	-205.89	1,128.98	0.67	-0.66	0.19
3,243.00	29.19	346.02	2,973.88	1,156.42	-215.50	1,175.32	2.09	-0.19	-4.26
3,337.00	28.93	345.76	3,056.04	1,200.70	-226.63	1,220.73	0.31	-0.28	-0.28
3,432.00	28.75	345.50	3,139.26	1,245.09	-238.01	1,266.29	0.23	-0.19	-0.27
3,526.00	28.49	346.82	3,221.78	1,288.80	-248.78	1,311.09	0.73	-0.28	1.40
3,620.00	27.35	349.80	3,304.84	1,331.89	-257.72	1,355.01	1.92	-1.21	3.17
3,715.00	26.38	348.22	3,389.58	1,374.03	-265.89	1,397.88	1.27	-1.02	-1.66
3,809.00	26.12	348.05	3,473.89	1,414.72	-274.44	1,439.37	0.29	-0.28	-0.18
3,904.00	26.03	349.10	3,559.22	1,455.64	-282.71	1,481.06	0.49	-0.09	1.11
3,998.00	25.32	348.13	3,643.94	1,495.57	-290.74	1,521.72	0.88	-0.76	-1.03
4,093.00	24.89	347.78	3,729.97	1,534.99	-299.15	1,561.94	0.48	-0.45	-0.37
4,187.00	22.44	344.16	3,816.06	1,571.59	-308.24	1,599.46	3.03	-2.61	-3.85
4,281.00	19.70	342.60	3,903.77	1,603.97	-317.88	1,632.89	2.98	-2.91	-1.66
4,376.00	18.29	340.05	3,993.59	1,633.26	-327.75	1,663.29	1.72	-1.48	-2.68
4,470.00	17.23	343.39	4,083.11	1,660.47	-336.76	1,691.50	1.56	-1.13	3.55

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Well:	Kimball Creek 11-416D-995	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000-RobertS-Local

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)
4,564.00	16.44	344.44	4,173.08	1,686.63	-344.31	1,718.46	0.90	-0.84	1.12
4,659.00	14.77	347.52	4,264.58	1,711.40	-350.54	1,743.87	1.96	-1.76	3.24
4,753.00	12.93	349.28	4,355.84	1,733.44	-355.08	1,766.33	2.01	-1.96	1.87
4,848.00	11.78	352.35	4,448.64	1,753.49	-358.35	1,786.64	1.39	-1.21	3.23
4,942.00	10.73	349.45	4,540.84	1,771.61	-361.23	1,804.98	1.27	-1.12	-3.09
5,036.00	8.79	349.45	4,633.47	1,787.27	-364.15	1,820.90	2.06	-2.06	0.00
5,131.00	7.91	356.83	4,727.47	1,800.93	-365.84	1,834.67	1.46	-0.93	7.77
5,225.00	7.21	6.24	4,820.65	1,813.26	-365.55	1,846.83	1.51	-0.74	10.01
5,320.00	6.24	11.86	4,915.00	1,824.24	-363.84	1,857.45	1.23	-1.02	5.92
5,414.00	4.66	21.36	5,008.57	1,832.79	-361.40	1,865.57	1.93	-1.68	10.11
5,508.00	3.78	24.34	5,102.32	1,839.17	-358.74	1,871.51	0.96	-0.94	3.17
5,603.00	2.99	23.64	5,197.15	1,844.29	-356.45	1,876.25	0.83	-0.83	-0.74
5,698.00	2.37	17.23	5,292.05	1,848.44	-354.88	1,880.13	0.72	-0.65	-6.75
5,792.00	1.85	13.36	5,385.98	1,851.77	-353.95	1,883.30	0.57	-0.55	-4.12
5,886.00	1.18	356.40	5,479.95	1,854.22	-353.66	1,885.67	0.85	-0.71	-18.04
5,981.00	1.06	31.82	5,574.93	1,855.94	-353.26	1,887.32	0.73	-0.13	37.28
6,075.00	0.09	88.07	5,668.93	1,856.68	-352.73	1,887.98	1.08	-1.03	59.84
6,170.00	1.14	75.67	5,763.92	1,856.92	-351.74	1,888.07	1.11	1.11	-13.05
6,264.00	0.79	105.99	5,857.91	1,856.97	-350.21	1,887.91	0.65	-0.37	32.26
6,358.00	1.23	99.67	5,951.89	1,856.62	-348.59	1,887.33	0.48	0.47	-6.72
6,453.00	1.32	128.32	6,046.87	1,855.77	-346.73	1,886.23	0.67	0.09	30.16
6,547.00	0.97	59.76	6,140.85	1,855.50	-345.19	1,885.74	1.41	-0.37	-72.94
6,641.00	1.06	353.93	6,234.84	1,856.77	-344.59	1,886.91	1.18	0.10	-70.03
6,736.00	1.58	275.36	6,329.82	1,857.76	-345.99	1,888.09	1.81	0.55	-82.71
6,830.00	1.67	251.63	6,423.79	1,857.45	-348.58	1,888.15	0.72	0.10	-25.24
6,925.00	1.76	268.68	6,518.74	1,856.98	-351.35	1,888.08	0.54	0.09	17.95
7,019.00	1.85	261.21	6,612.70	1,856.72	-354.29	1,888.24	0.27	0.10	-7.95
7,114.00	2.55	237.22	6,707.63	1,855.34	-357.59	1,887.34	1.20	0.74	-25.25
7,208.00	2.64	226.58	6,801.53	1,852.72	-360.92	1,885.23	0.52	0.10	-11.32
7,302.00	2.65	226.52	6,895.43	1,849.73	-364.07	1,882.72	0.01	0.01	-0.06
7,397.00	2.73	224.30	6,990.33	1,846.60	-367.24	1,880.07	0.14	0.08	-2.34
7,491.00	2.37	225.17	7,084.24	1,843.63	-370.18	1,877.55	0.39	-0.38	0.93
7,585.00	2.39	219.08	7,178.15	1,840.74	-372.80	1,875.06	0.27	0.02	-6.48
7,680.00	2.71	213.00	7,273.06	1,837.32	-375.27	1,872.03	0.44	0.34	-6.40
7,757.00	2.90	203.55	7,349.97	1,834.01	-377.04	1,869.00	0.65	0.25	-12.27
LAST SDI MWD PRODUCTION SURVEY									
7,815.00	2.90	203.55	7,407.89	1,831.32	-378.21	1,866.50	0.00	0.00	0.00
SDI PROJECTION TO TD									

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Well:	Kimball Creek 11-416D-995	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM5000-RobertS-Local

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
175.00	174.99	1.19	0.18	FIRST GYRO SURVEY	
543.00	540.93	35.23	-5.07	LAST GYRO SURVEY	

Checked By: _____	Approved By: _____	Date: _____
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JOB NO.:	42DEFK1101055	Report Time:	2400	1 of 3
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-995 Pad	WORK ORDER#	149295	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Wednesday, January 12, 2011 at 0000 to Wednesday, January 12, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0		0
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL						cASING			BHA	
Lead Directional :		Dan Chamblee				Size	Lb/ft	Set Depth	N/A	
Second Directional :		Josh McClelland				Signature:				
MWD Operator1		Rick Perry								
MWD Operator2										
Directional Company:		Scientific Drilling Int.								
Geologist:										
Company Man:		Roger Barber								
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0			

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Jan-11	00:00	24:00	24.00	0	0	Other	rig up for surface run



JOB NO.:	42DEFK1101055	Report Time:	2400	2 of 3
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-995 Pad	WORK ORDER#	149295	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Thursday, January 13, 2011 at 0000 to Thursday, January 13, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	184.00	Rotary Hours	8.08	WOB	17	Pick UP	62	Slack Off	62	SPM	
End Depth	1805.00	Circulating Hours	0.50	RAB	62	SPP	2500	FlowRate	0 - 857	190	
Total Drilled:	1621.00	Avg. Total ROP:	136.99	Mud Data							
Total Rotary Drilled:	1295.00	Avg. Rotary ROP:	160.21	Type	Water/gel			PV	4	SOLID	4
Total Drilled Sliding:	326.00	Avg. Slide ROP:	86.93	Weight	8.9	GAS	0	YP	2	BHT°	0
Slide Hours:	3.75	Percent Rotary:	79.89	Viscosity	30	SAND	0.01	PH	9.3	Flow T°	61
Below Rotary Hrs.	24.00	Percent Slide:	20.11	Chlorides	500	WL	14			Oil %	0
PERSONNEL				cASING					BHA		
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:12.25 PDC Logic, 8" 7/8, 4.0 Ad @ 2.0, 8" Non-Mag Pony DC, 8" Non-Mag DC, 8" Non-Mag HOS, 8" GAP SUB, 8" Non-Mag Pony DC, 8" Non-Mag DC, 4 1/2 XH x 6 5/8 Reg XO,			
Second Directional :	Josh McClelland			Signature:							
MWD Operator1	Rick Perry										
MWD Operator2											
Directional Company:	Scientific Drilling Int.										
Geologist:											
Company Man:	Roger Barber										
Incl. In:	0	Azm. In:	0	Incl. Out:	31.92	Azm. Out:	348.75				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jan-11	13:20	13:25	0.08	642	642	Survey & Conn.	Survey
13-Jan-11	13:25	13:40	0.25	642	673	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	00:00	00:30	0.50	0	0	Other	Other- Rig up for surface
13-Jan-11	00:30	03:20	2.83	0	0	Change BHA	Change BHA -Ice plugs in DC
13-Jan-11	03:20	03:30	0.17	0	0	Circulating	Circulating- Near surface test
13-Jan-11	03:30	04:50	1.33	0	0	Other	Other - Thaw flow lines
13-Jan-11	04:50	05:05	0.25	0	184	TIH	TIH
13-Jan-11	05:05	05:10	0.08	184	196	Sliding	Sliding- (WOB:12, SPP:383, TFO:350)
13-Jan-11	05:10	05:20	0.17	196	213	Drilling	Drilling- (WOB:12, SPP:383, RPM:30)
13-Jan-11	05:20	05:30	0.17	213	213	Survey & Conn.	Survey & Conn.
13-Jan-11	05:30	05:40	0.17	213	225	Sliding	Sliding - (WOB:12;GPM :383;TFO:350)
13-Jan-11	05:40	05:50	0.17	225	244	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	05:50	06:00	0.17	244	244	Survey & Conn.	Survey & Conn.
13-Jan-11	06:00	06:25	0.42	244	244	Other	Other-Leaking valve on Standpipe
13-Jan-11	06:25	06:30	0.08	244	252	Sliding	Sliding - (WOB:12;GPM :383;TFO:345)
13-Jan-11	06:30	06:35	0.08	252	275	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	06:35	06:45	0.17	275	275	Survey & Conn.	Survey

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jan-11	06:45	06:55	0.17	275	287	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	06:55	07:05	0.17	287	305	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	07:05	07:25	0.33	305	305	Survey & Conn.	Survey & Conn.
13-Jan-11	07:25	07:35	0.17	305	317	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	07:35	07:40	0.08	317	336	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	07:40	07:50	0.17	336	336	Survey & Conn.	Survey
13-Jan-11	07:50	08:00	0.17	336	350	Sliding	Sliding - (WOB:12;GPM :767;TFO:330)
13-Jan-11	08:00	08:05	0.08	350	366	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	08:05	08:10	0.08	366	366	Survey & Conn.	Survey
13-Jan-11	08:10	08:20	0.17	366	378	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	08:20	08:30	0.17	378	397	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	08:30	08:40	0.17	397	397	Survey & Conn.	Survey & Conn.
13-Jan-11	08:40	08:50	0.17	397	411	Sliding	Sliding - (WOB:12;GPM :767;TFO:330)
13-Jan-11	08:50	08:55	0.08	411	427	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	08:55	09:00	0.08	427	427	Survey & Conn.	Survey
13-Jan-11	09:00	09:05	0.08	427	439	Sliding	Sliding - (WOB:12;GPM :767;TFO:330)
13-Jan-11	09:05	09:15	0.17	439	458	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	09:15	09:25	0.17	458	458	Survey & Conn.	Survey
13-Jan-11	09:25	09:30	0.08	458	468	Sliding	Sliding - (WOB:12;GPM :767;TFO:315)
13-Jan-11	09:30	09:40	0.17	468	489	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	09:40	09:50	0.17	489	489	Survey & Conn.	Survey & Conn.
13-Jan-11	09:50	10:00	0.17	489	499	Sliding	Sliding - (WOB:12;GPM :767;TFO:315)
13-Jan-11	10:00	10:10	0.17	499	519	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	10:10	10:15	0.08	519	519	Survey & Conn.	Survey
13-Jan-11	10:15	10:20	0.08	519	527	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	10:20	10:30	0.17	527	550	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	10:30	10:35	0.08	550	550	Survey & Conn.	Survey
13-Jan-11	10:35	10:40	0.08	550	558	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	10:40	10:50	0.17	558	581	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	10:50	10:55	0.08	581	581	Survey & Conn.	Survey
13-Jan-11	10:55	11:15	0.33	581	581	Circulating	Circulating
13-Jan-11	11:15	11:50	0.58	581	581	POOH	POOH
13-Jan-11	11:50	12:25	0.58	581	581	Change BHA	Change BHA
13-Jan-11	12:25	12:55	0.50	581	581	TIH	TIH
13-Jan-11	12:55	13:00	0.08	581	587	Sliding	Sliding - (WOB:12;GPM :767;TFO:345)
13-Jan-11	13:00	13:05	0.08	587	612	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	13:05	13:10	0.08	612	612	Survey & Conn.	Survey
13-Jan-11	13:10	13:15	0.08	612	620	Sliding	Sliding - (WOB:12;GPM :767;TFO:360)
13-Jan-11	13:15	13:20	0.08	620	642	Drilling	Drilling - (WOB:12;GPM :383;RPM:30)
13-Jan-11	13:40	13:45	0.08	673	673	Survey & Conn.	Survey & Conn.
13-Jan-11	13:45	13:50	0.08	673	681	Sliding	Sliding - (WOB:12;GPM :767;TFO:5)
13-Jan-11	13:50	13:55	0.08	681	703	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	13:55	14:00	0.08	703	703	Survey & Conn.	Survey
13-Jan-11	14:00	14:05	0.08	703	711	Sliding	Sliding - (WOB:12;GPM :767;TFO:5)
13-Jan-11	14:05	14:10	0.08	711	734	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	14:10	14:15	0.08	734	734	Survey & Conn.	Survey
13-Jan-11	14:15	14:25	0.17	734	765	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	14:25	14:30	0.08	765	765	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jan-11	14:30	14:35	0.08	765	773	Sliding	Sliding - (WOB:12;GPM :767;TFO:15)
13-Jan-11	14:35	14:45	0.17	773	810	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	14:45	14:50	0.08	810	810	Survey & Conn.	Survey
13-Jan-11	14:50	14:55	0.08	810	818	Sliding	Sliding - (WOB:12;GPM :767;TFO:30)
13-Jan-11	14:55	15:05	0.17	818	857	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	15:05	15:10	0.08	857	857	Survey & Conn.	Survey & Conn.
13-Jan-11	15:10	15:15	0.08	857	865	Sliding	Sliding - (WOB:12;GPM :767;TFO:30)
13-Jan-11	15:15	15:25	0.17	865	900	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	15:25	15:30	0.08	900	900	Survey & Conn.	Survey
13-Jan-11	15:30	15:35	0.08	900	908	Sliding	Sliding - (WOB:12;GPM :767;TFO:45)
13-Jan-11	15:35	15:50	0.25	908	949	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	15:50	15:55	0.08	949	949	Survey & Conn.	Survey & Conn.
13-Jan-11	15:55	16:05	0.17	949	949	Rig repair	Rig repair-Work on pump
13-Jan-11	16:05	16:10	0.08	949	957	Sliding	Sliding - (WOB:12;GPM :767;TFO:45)
13-Jan-11	16:10	16:25	0.25	957	994	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	16:25	16:30	0.08	994	994	Survey & Conn.	Survey
13-Jan-11	16:30	16:35	0.08	994	1002	Sliding	Sliding - (WOB:12;GPM :767;TFO:60)
13-Jan-11	16:35	17:00	0.42	1002	1040	Drilling	Drilling - (WOB:15;GPM :383;RPM:30)
13-Jan-11	17:00	17:05	0.08	1040	1040	Survey & Conn.	Survey & Conn.
13-Jan-11	17:05	17:30	0.42	1040	1040	Rig Service-Inhole	Rig Service-Inhole
13-Jan-11	17:30	17:35	0.08	1040	1048	Sliding	Sliding - (WOB:12;GPM :767;TFO:90)
13-Jan-11	17:35	17:45	0.17	1048	1085	Drilling	Drilling - (WOB:15;GPM :857;RPM:30)
13-Jan-11	17:45	17:50	0.08	1085	1085	Survey & Conn.	Survey & Conn.
13-Jan-11	17:50	18:00	0.17	1085	1095	Sliding	Sliding - (WOB:12;GPM :857;TFO:360)
13-Jan-11	18:00	18:15	0.25	1095	1134	Drilling	Drilling - (WOB:15;GPM :857;RPM:30)
13-Jan-11	18:15	18:20	0.08	1134	1134	Survey & Conn.	Survey & Conn.
13-Jan-11	18:20	18:30	0.17	1134	1144	Sliding	Sliding - (WOB:12;GPM :857;TFO:30)
13-Jan-11	18:30	18:45	0.25	1144	1179	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	18:45	18:50	0.08	1179	1179	Survey & Conn.	Survey & Conn.
13-Jan-11	18:50	18:55	0.08	1179	1189	Sliding	Sliding - (WOB:12;GPM :857;TFO:15)
13-Jan-11	18:55	19:15	0.33	1189	1229	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	19:15	19:20	0.08	1229	1229	Survey & Conn.	Survey & Conn.
13-Jan-11	19:20	19:25	0.08	1229	1237	Sliding	Sliding - (WOB:17;GPM :0;TFO:360)
13-Jan-11	19:25	19:45	0.33	1237	1274	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	19:45	19:50	0.08	1274	1274	Survey & Conn.	Survey & Conn.
13-Jan-11	19:50	19:55	0.08	1274	1280	Sliding	Sliding - (WOB:17;GPM :0;TFO:360)
13-Jan-11	19:55	20:20	0.42	1280	1323	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	20:20	20:25	0.08	1323	1323	Survey & Conn.	Survey & Conn.
13-Jan-11	20:25	20:30	0.08	1323	1331	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)
13-Jan-11	20:30	20:40	0.17	1331	1368	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	20:40	20:45	0.08	1368	1368	Survey & Conn.	Survey & Conn.
13-Jan-11	20:45	20:50	0.08	1368	1374	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)
13-Jan-11	20:50	21:10	0.33	1374	1418	Drilling	Drilling - (WOB:15;GPM :857;RPM:35)
13-Jan-11	21:10	21:15	0.08	1418	1418	Survey & Conn.	Survey & Conn.
13-Jan-11	21:15	21:20	0.08	1418	1426	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)
13-Jan-11	21:20	21:30	0.17	1426	1463	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	21:30	21:35	0.08	1463	1463	Survey & Conn.	Survey & Conn.
13-Jan-11	21:35	21:40	0.08	1463	1469	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jan-11	21:40	21:55	0.25	1469	1512	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	21:55	22:00	0.08	1512	1512	Survey & Conn.	Survey & Conn.
13-Jan-11	22:00	22:05	0.08	1512	1520	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)
13-Jan-11	22:05	22:15	0.17	1520	1557	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	22:15	22:20	0.08	1557	1557	Survey & Conn.	Survey & Conn.
13-Jan-11	22:20	22:25	0.08	1557	1563	Sliding	Sliding - (WOB:17;GPM :857;TFO:360)
13-Jan-11	22:25	22:40	0.25	1563	1606	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	22:40	22:45	0.08	1606	1606	Survey & Conn.	Survey & Conn.
13-Jan-11	22:45	23:20	0.58	1606	1701	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	23:20	23:25	0.08	1701	1701	Survey & Conn.	Survey & Conn.
13-Jan-11	23:25	23:50	0.42	1701	1795	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
13-Jan-11	23:50	23:55	0.08	1795	1795	Survey & Conn.	Survey & Conn.
13-Jan-11	23:55	24:00	0.08	1795	1805	Sliding	Sliding - (WOB:17;GPM :857;TFO:150)



JOB NO.:	42DEFK1101055	Report Time:	2400	3 of 3
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-995 Pad	WORK ORDER#	149295	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Friday, January 14, 2011 at 0000 to Friday, January 14, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	1805.00	Rotary Hours	1.00	WOB	0	Pick UP	62	Slack Off	62	SPM	
End Depth	1970.00	Circulating Hours	1.00	RAB	62	SPP	0	FlowRate	0 - 857	0	
Total Drilled:	165.00	Avg. Total ROP:	132.00	Mud Data							
Total Rotary Drilled:	150.00	Avg. Rotary ROP:	150.00	Type	Water/gel			PV	4	SOLID	4
Total Drilled Sliding:	15.00	Avg. Slide ROP:	60.00	Weight	8.9	GAS	0	YP	2	BHT°	0
Slide Hours:	0.25	Percent Rotary:	90.91	Viscosity	30	SAND	0.01	PH	9.3	Flow T°	61
Below Rotary Hrs.	24.00	Percent Slide:	9.09	Chlorides	500	WL	14			Oil %	0
PERSONNEL				cASING					BHA		
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:12.25 PDC Logic, 8" 7/8, 4.0 Ad @ 2.0, 8" Non-Mag Pony DC, 8" Non-Mag DC, 8" Non-Mag HOS, 8" GAP SUB, 8" Non-Mag Pony DC, 8" Non-Mag DC, 4 1/2 XH x 6 5/8 Reg XO,			
Second Directional :	Josh McClelland			Signature:							
MWD Operator1	Rick Perry										
MWD Operator2											
Directional Company:	Scientific Drilling Int.										
Geologist:											
Company Man:	Roger Barber										
Incl. In:	31.92	Azm. In:	348.75	Incl. Out:	29.9	Azm. Out:	349.72				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Jan-11	00:00	00:30	0.50	1805	1890	Drilling	Drilling - (WOB:17;GPM :857;RPM:35)
14-Jan-11	00:30	00:40	0.17	1890	1890	Survey & Conn.	Survey & Conn.
14-Jan-11	00:40	00:55	0.25	1890	1905	Sliding	Sliding - (WOB:17;GPM :857;TFO:150)
14-Jan-11	00:55	01:25	0.50	1905	1970	Drilling	Drilling - (WOB:17;GPM :857;RPM:0)
14-Jan-11	01:25	01:30	0.08	1970	1970	Survey & Conn.	Survey & Conn.-TD Surface
14-Jan-11	01:30	02:30	1.00	1970	1970	Circulating	Circulating
14-Jan-11	02:30	03:45	1.25	1970	1970	POOH	POOH
14-Jan-11	03:45	06:45	3.00	1970	1970	Other	Other - L/D 8" Tools/MWD
14-Jan-11	06:45	24:00	17.25	1970	1970	Other	Other - Casing Activities

BHA # 1

PDT



JOB NO.: 42DEFK1101055 Work Order: 149295

COMPANY: Axia

LOCATION: Kimball Creek 14-2D1-995 Pad

RIG NAME: H&P 307

STATE: Colorado

COUNTY: Mesa

WELL NAME: Kimball Creek 11-416D-995

FIELD: Kimball Creek

Township: 9S

SECT. RANGE: 14 95W

Lead DD: Dan Chamblee

Co. Man: Roger Barber

BHA TYPE: Steerable Assembly

BHA WT: 14208 Wt @ Jars: N/A

Time and Depths	MOTOR DATA	Drilling Parameters
Date In: 13-Jan-11 @ 00:30	8 Inch , 7:8, 4.0 Stage Adjustable	SO/PU: 0 - 62 / 0-62
Date Out: 13-Jan-11 @ 12:25	MFG.: SDI	Rot Strg Wt: 0-62
Hrs In Hole: 11.92	Pad OD: 8 3/4	WOB: 0 - 12
Start Depth: 184.00	NB Stab: 0	TORQ: 1000 - 5000
End Depth: 581.00	Bit to Bend: 6.87	SPP: 115 - 1200
Total Drilled: 397.00	Bent Hsg/Sub°: 2 /	Motor RPM: 61 - 123
Avg. Total ROP: 113.43	Lobe/Stage: 7:8 / 4	Rotary RPM: 30 - 30
Circ Hrs: Tot/Only 4.00 / .50	Rev/GAL: 0.16	Flow Rate: 0 - 767
Percent Slide: 36.27	Rotor Jet: 0	Avg Diff:
Percent Hrs: 47.62	Prop BUR: 6.6	Stall Pres.:
Slide Hours: 1.67	Act BUR:	Off Bot Pres.:
Total Sliding: 144.00		
Avg. Slide ROP: 86.40		
Percent Rotary: 63.73		
Percent Hrs: 52.38		
Rotary Hours: 1.83		
Total Rotary: 253.00		
Avg. Rotary ROP: 138.00		
Reason POOH:		

MWD Spacing	Gamma: 0	Restiv: 0	Sensor: 36	Last Casing
	GYRO: 0	DNSC: 0	Sonic: 0	Shoe @: Hanger @:

INC IN: .0 INC OUT: 11.4 AZM IN: .00 AZM OUT: 345.51

8" 7:8, 4.0 Stage Adjustable @ 2.0 Degrees

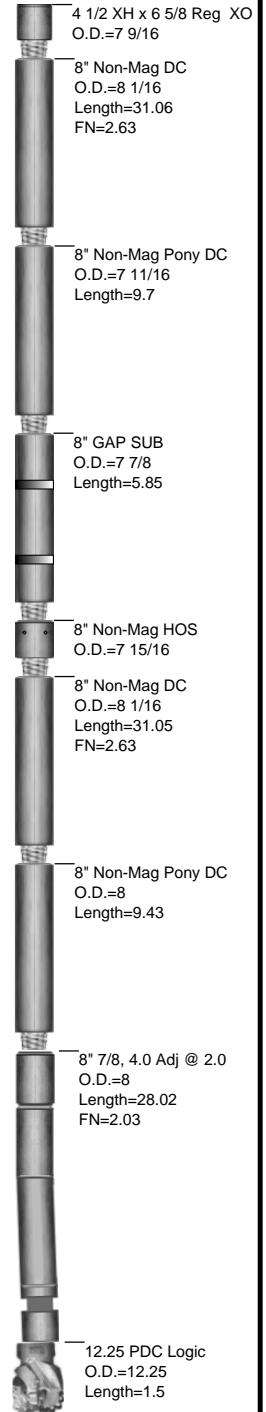
Flow: 1000 GPM Max

Max Diff: 470, Opt. Diff: 100-350

0.16 RPG

BHA Detail

Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	MFG.
12.25 PDC Logic	S07402		12.25	1.50	1.50	6 5/8 REGP	OTHER
8" 7/8, 4.0 Adj @ 2.0	SDI 801		8	28.02	29.52	6 5/8 REGB	SDI
8" Non-Mag Pony DC	126-030	3 3/4	8	9.43	38.95	6 5/8 REGB	SDI
8" Non-Mag DC	84-302	3 3/4	8 1/16	31.05	70.00	6 5/8 REGB	SDI
8" Non-Mag HOS	8-687	3 3/4	7 15/16	2.93	72.93	6 5/8 REGB	SDI
8" GAP SUB	69-576	3 1/4	7 7/8	5.85	78.78	6 5/8 REGB	SDI
8" Non-Mag Pony DC	126-023	3 3/4	7 11/16	9.70	88.48	6 5/8 REGB	SDI
8" Non-Mag DC	84-293	3 3/4	8 1/16	31.06	119.54	6 5/8 REGB	SDI
4 1/2 XH x 6 5/8 Reg XO	XO-078	3	7 9/16	2.55	122.09	4 1/2 XHB	SDI





JOB NO.: 42DEFK1101055
COMPANY: Axia
LOCATION: Kimball Creek 14-2D1-995 Pad
RIG NAME: H&P 307
STATE: Colorado
COUNTY: Country
WELL NAME: Kimball Creek 11-416D-995

FIELD: Kimball Creek
Township: 9S
Range 95W

MOTOR INFORMATION	
Desc:	6 inch, 7.0, 4.0 Stage Adjustable @ 2.0 Degrees
Bent Hsg/Sub: 2 / 0	Bit to Bend: 6.87
Pad OD: 8 3/4	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	13-Jan	Sliding	05:05	05:10	0.08	184	196	12	12	144.0	0	0	383	500	350	1.31	7.05	2.50	
1	13-Jan	Drilling	05:10	05:20	0.17	196	213	17	12	102.0	30	1000	383	500		1.74	5.78	2.50	
1	13-Jan	Sliding	05:30	05:40	0.17	213	225	12	12	72.0	0	0	383	500	345	2.03	4.89	2.50	
1	13-Jan	Drilling	05:40	05:50	0.17	225	244	19	12	114.0	30	1000	383	500		2.51	3.47	2.50	
1	13-Jan	Sliding	06:25	06:30	0.08	244	252	8	12	96.0	0	0	767	1000	345	2.71	2.88	2.50	
1	13-Jan	Drilling	06:30	06:35	0.08	252	275	23	12	276.0	30	5000	383	1000		3.25	0.87	2.23	
1	13-Jan	Sliding	06:45	06:55	0.17	275	287	12	12	72.0	0	0	767	1000	345	3.50	359.52	2.23	
1	13-Jan	Drilling	06:55	07:05	0.17	287	305	18	12	108.0	30	5000	383	1000		3.88	357.51	2.23	
1	13-Jan	Sliding	07:25	07:35	0.17	305	317	12	12	72.0	30	0	767	1000	330	4.13	356.17	2.23	
1	13-Jan	Drilling	07:35	07:40	0.08	317	336	19	12	228.0	30	5000	383	1000		4.53	354.04	2.23	
1	13-Jan	Sliding	07:50	08:00	0.17	336	350	14	12	84.0	30	0	767	1000	345	4.82	352.48	2.23	
1	13-Jan	Drilling	08:00	08:05	0.08	350	366	16	12	192.0	30	5000	383	1000		5.22	351.28	3.08	
1	13-Jan	Sliding	08:10	08:20	0.17	366	378	12	12	72.0	30	0	767	1000	330	5.59	350.96	3.08	
1	13-Jan	Drilling	08:20	08:30	0.17	378	397	19	12	114.0	30	5000	383	1000		6.17	350.45	3.08	
1	13-Jan	Sliding	08:40	08:50	0.17	397	411	14	12	84.0	30	0	767	1000	330	6.60	350.08	3.08	
1	13-Jan	Drilling	08:50	08:55	0.08	411	427	16	12	192.0	30	5000	383	1000		7.09	349.65	3.08	
1	13-Jan	Sliding	09:00	09:05	0.08	427	439	12	12	144.0	30	0	767	1000	315	7.46	349.33	3.08	
1	13-Jan	Drilling	09:05	09:15	0.17	439	458	19	12	114.0	30	5000	383	1000		8.04	348.85	2.99	
1	13-Jan	Sliding	09:25	09:30	0.08	458	468	10	12	120.0	30	0	767	1000	330	8.33	348.62	2.99	
1	13-Jan	Drilling	09:30	09:40	0.17	468	489	21	12	126.0	30	5000	383	1000		8.96	348.14	2.99	
1	13-Jan	Sliding	09:50	10:00	0.17	489	499	10	12	60.0	0	0	767	1000	345	9.25	347.91	2.99	
1	13-Jan	Drilling	10:00	10:10	0.17	499	519	20	12	120.0	30	5000	383	1000		9.85	347.45	2.99	
1	13-Jan	Sliding	10:15	10:20	0.08	519	527	8	12	96.0	0	0	767	1000	345	10.09	347.27	2.99	
1	13-Jan	Drilling	10:20	10:30	0.17	527	550	23	12	138.0	30	5000	383	1000		10.71	346.64	2.20	
1	13-Jan	Sliding	10:35	10:40	0.08	550	558	8	12	96.0	0	0	767	1000	345	10.87	346.35	2.20	
1	13-Jan	Drilling	10:40	10:50	0.17	558	581	23	12	138.0	30	5000	383	1000		11.35	345.51	2.20	

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
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Total Drilled: 397 Avg. Total ROP: 113.43

DEPTH% - TIME %

Total Rotary Drilled: 253 Avg. Rotary ROP: 138.00 Percent Rotary: 63.73 - 52.38

Total Drilled Sliding: 144 Avg. Slide ROP: 86.40 Percent Slide: 36.27 - 47.62

BHA # 2

PDT



JOB NO.: 42DEFK1101055 Work Order: 149295
 COMPANY: Axia
 LOCATION: Kimball Creek 14-2D1-995 Pad
 RIG NAME: H&P 307
 STATE: Colorado
 COUNTY: Mesa
 WELL NAME: Kimball Creek 11-416D-995

FIELD: Kimball Creek
 Township: 9S
 SECT. RANGE: 14 95W
 Lead DD: Dan Chamblee
 Co. Man: Roger Barber
 BHA TYPE: Steerable Assembly
 BHA WT: 14208 Wt @ Jars: N/A

Time and Depths	MOTOR DATA	Drilling Parameters
Date In: 13-Jan-11 @ 12:25	8 Inch, 7:8, 4.0 Stage Adjustable	SO/PU: 62 - 62 / 62-62
Date Out: 14-Jan-11 @ 03:45	MFG.: SDI	Rot Strg Wt: 62-62
Hrs In Hole: 15.33	Pad OD: 8 3/4	WOB: 0 - 17
Start Depth: 581.00	NB Stab: 0	TORQ: 7000 - 8500
End Depth: 1970.00	Bit to Bend: 6.87	SPP: 1300 - 2500
Total Drilled: 1389.00	Bent Hsg/Sub°: 2 /	Motor RPM: - 137
Avg. Total ROP: 144.94	Lobe/Stage: 7:8 / 4	Rotary RPM: 30 - 35
Circ Hrs: Tot/Only 10.58 / 1.00	Rev/GAL: 0.16	Flow Rate: 0 - 857
Percent Slide: 14.18	Rotor Jet: 0	Avg Diff:
Percent Hrs: 24.35	Prop BUR:	Stall Pres.:
Slide Hours: 2.33	Act BUR:	Off Bot Pres.:
Total Sliding: 197.00		
Avg. Slide ROP: 84.43		
Percent Rotary: 85.82		
Percent Hrs: 75.65		
Rotary Hours: 7.25		
Total Rotary: 1192.00		
Avg. Rotary ROP: 164.41		
Reason POOH: TD		

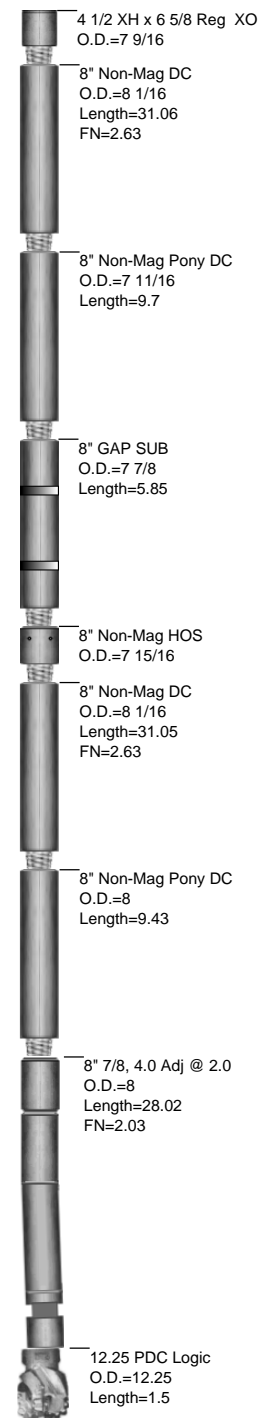
MWD Spacing	Gamma: 0	Restiv: 0	Sensor: 56	Last Casing
	GYRO: 0	DNSC: 581	Sonic: 0	Shoe @: Hanger @:

INC IN: 11.4 INC OUT: 29.9 AZM IN: 345.51 AZM OUT: 349.72

8" 7:8, 4.0 Stage Adjustable @ 2.0 Degrees
 Flow: 1000 GPM Max
 Max Diff: 470, Opt. Diff: 100-350
 0.16 RPG

BHA Detail

Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	MFG.
12.25 PDC Logic	S07402		12.25	1.50	1.50	6 5/8 REGP	OTHER
8" 7/8, 4.0 Adj @ 2.0	SDI 801		8	28.02	29.52	6 5/8 REGB	SDI
8" Non-Mag Pony DC	126-030	3 3/4	8	9.43	38.95	6 5/8 REGB	SDI
8" Non-Mag DC	84-302	3 3/4	8 1/16	31.05	70.00	6 5/8 REGB	SDI
8" Non-Mag HOS	8-687	3 3/4	7 15/16	2.93	72.93	6 5/8 REGB	SDI
8" GAP SUB	69-576	3 1/4	7 7/8	5.85	78.78	6 5/8 REGB	SDI
8" Non-Mag Pony DC	126-023	3 3/4	7 11/16	9.70	88.48	6 5/8 REGB	SDI
8" Non-Mag DC	84-293	3 3/4	8 1/16	31.06	119.54	6 5/8 REGB	SDI
4 1/2 XH x 6 5/8 Reg XO	XO-078	3	7 9/16	2.55	122.09	4 1/2 XHB	SDI





JOB NO.: 42DEFK1101055
COMPANY: Axia
LOCATION: Kimball Creek 14-2D1-995 Pad
RIG NAME: H&P 307
STATE: Colorado
COUNTY: Country
WELL NAME: Kimball Creek 11-416D-995

FIELD: Kimball Creek
Township: 9S
Range 95W

MOTOR INFORMATION			
Desc: 6 inch, 7.0, 4.0 Stage Adjustable @ 2.0 Degrees			
Bent Hsg/Sub: 2	/	0	Bit to Bend: 6.87
Pad OD: 8 3/4		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	13-Jan	Sliding	12:55	13:00	0.08	581	587	6	12	72.0	0	0	767	1300	360	11.48	345.29	2.20	
2	13-Jan	Drilling	13:00	13:05	0.08	587	612	25	12	300.0	30	7000	383	1300		12.00	344.38	2.20	
2	13-Jan	Sliding	13:10	13:15	0.08	612	620	8	12	96.0	0	0	767	1300	5	12.16	344.21	2.11	
2	13-Jan	Drilling	13:15	13:20	0.08	620	642	22	12	264.0	30	7000	383	1300		12.62	343.93	2.11	
2	13-Jan	Drilling	13:25	13:40	0.25	642	673	31	15	124.0	30	7000	383	1300		13.27	343.55	2.11	
2	13-Jan	Sliding	13:45	13:50	0.08	673	681	8	12	96.0	0	0	767	1300	5	13.44	343.45	2.11	
2	13-Jan	Drilling	13:50	13:55	0.08	681	703	22	15	264.0	30	7000	383	1300		13.90	343.17	2.11	
2	13-Jan	Sliding	14:00	14:05	0.08	703	711	8	12	96.0	0	0	767	1300	15	14.05	343.13	1.85	
2	13-Jan	Drilling	14:05	14:10	0.08	711	734	23	15	276.0	30	7000	383	1300		14.48	343.18	1.85	
2	13-Jan	Drilling	14:15	14:25	0.17	734	765	31	15	186.0	30	7000	383	1300		15.05	343.26	1.85	
2	13-Jan	Sliding	14:30	14:35	0.08	765	773	8	12	96.0	0	0	767	1300	30	15.20	343.28	1.85	
2	13-Jan	Drilling	14:35	14:45	0.17	773	810	37	15	222.0	30	7000	383	1300		15.85	343.49	1.59	
2	13-Jan	Sliding	14:50	14:55	0.08	810	818	8	12	96.0	0	0	767	1300	30	15.97	343.59	1.59	
2	13-Jan	Drilling	14:55	15:05	0.17	818	857	39	15	234.0	30	7000	383	1300		16.58	344.11	1.59	
2	13-Jan	Sliding	15:10	15:15	0.08	857	865	8	12	96.0	0	0	767	1300	45	16.70	344.22	1.59	
2	13-Jan	Drilling	15:15	15:25	0.17	865	900	35	15	210.0	30	7000	383	1300		17.24	344.91	1.91	
2	13-Jan	Sliding	15:30	15:35	0.08	900	908	8	12	96.0	0	0	767	1300	45	17.36	345.21	1.91	
2	13-Jan	Drilling	15:35	15:50	0.25	908	949	41	15	164.0	30	7000	383	1300		17.97	346.78	1.91	
2	13-Jan	Sliding	16:05	16:10	0.08	949	957	8	12	96.0	0	0	767	1300	60	18.09	347.09	1.91	
2	13-Jan	Drilling	16:10	16:25	0.25	957	994	37	15	148.0	30	7000	383	1300		18.63	348.13	1.33	
2	13-Jan	Sliding	16:30	16:35	0.08	994	1002	8	12	96.0	0	0	767	1300	90	18.73	348.18	1.33	
2	13-Jan	Drilling	16:35	17:00	0.42	1002	1040	38	15	91.2	30	7000	383	1300		19.23	348.43	1.33	
2	13-Jan	Sliding	17:30	17:35	0.08	1040	1048	8	12	96.0	0	0	767	1300	360	19.33	348.48	1.33	
2	13-Jan	Drilling	17:35	17:45	0.17	1048	1085	37	15	222.0	30	7000	857	1300		19.82	348.83	1.52	
2	13-Jan	Sliding	17:50	18:00	0.17	1085	1095	10	12	60.0	0	0	857	1400	360	19.96	349.02	1.52	
2	13-Jan	Drilling	18:00	18:15	0.25	1095	1134	39	15	156.0	35	8000	857	1400		20.49	349.77	1.52	
2	13-Jan	Sliding	18:20	18:30	0.17	1134	1144	10	12	60.0	0	0	857	1400	30	20.63	349.96	1.52	

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	13-Jan	Drilling	18:30	18:45	0.25	1144	1179	35	15	140.0	35	8000	857	1400		21.10	350.50	1.24	
2	13-Jan	Sliding	18:50	18:55	0.08	1179	1189	10	17	120.0	0	0		1400	15	21.22	350.53	1.24	
2	13-Jan	Drilling	18:55	19:15	0.33	1189	1229	40	15	120.0	35	8000	857	1400		21.72	350.66	1.24	
2	13-Jan	Sliding	19:20	19:25	0.08	1229	1237	8	17	96.0	0	0		1400	360	21.81	350.68	1.24	
2	13-Jan	Drilling	19:25	19:45	0.33	1237	1274	37	15	111.0	35	8000	857	1400		22.31	350.76	1.66	
2	13-Jan	Sliding	19:50	19:55	0.08	1274	1280	6	17	72.0	0	0	857	1400	360	22.41	350.76	1.66	
2	13-Jan	Drilling	19:55	20:20	0.42	1280	1323	43	15	103.2	35	8000	857	1400		23.12	350.72	1.66	
2	13-Jan	Sliding	20:25	20:30	0.08	1323	1331	8	17	96.0	0	0	857	1400	360	23.26	350.71	1.66	
2	13-Jan	Drilling	20:30	20:40	0.17	1331	1368	37	15	222.0	35	8000	857	1400		23.93	350.70	2.34	
2	13-Jan	Sliding	20:45	20:50	0.08	1368	1374	6	17	72.0	0	0	857	2500	360	24.07	350.71	2.34	
2	13-Jan	Drilling	20:50	21:10	0.33	1374	1418	44	17	132.0	35	8000	857	2500		25.10	350.79	2.34	
2	13-Jan	Sliding	21:15	21:20	0.08	1418	1426	8	17	96.0	0	0	857	2500	360	25.28	350.81	2.34	
2	13-Jan	Drilling	21:20	21:30	0.17	1426	1463	37	17	222.0	35	8500	857	2500		26.18	350.82	2.63	
2	13-Jan	Sliding	21:35	21:40	0.08	1463	1469	6	17	72.0	0	0	857	2500	360	26.33	350.79	2.63	
2	13-Jan	Drilling	21:40	21:55	0.25	1469	1512	43	17	172.0	35	8500	857	2500		27.46	350.59	2.63	
2	13-Jan	Sliding	22:00	22:05	0.08	1512	1520	8	17	96.0	0	0	857	2500	360	27.67	350.55	2.63	
2	13-Jan	Drilling	22:05	22:15	0.17	1520	1557	37	17	222.0	35	8500	857	2500		28.59	350.37	2.15	
2	13-Jan	Sliding	22:20	22:25	0.08	1557	1563	6	17	72.0	0	0	857	2500	360	28.72	350.34	2.15	
2	13-Jan	Drilling	22:25	22:40	0.25	1563	1606	43	17	172.0	35	8500	857	2500		29.64	350.10	2.15	
2	13-Jan	Drilling	22:45	23:20	0.58	1606	1701	95	17	162.9	35	8500	857	2500		31.35	349.19	1.70	
2	13-Jan	Drilling	23:25	23:50	0.42	1701	1795	94	17	225.6	35	8500	857	2500		31.44	348.91	0.84	
2	13-Jan	Sliding	23:55	24:00	0.08	1795	1805	10	17	120.0	0	0	857	2500	150	31.35	348.94	0.84	
2	14-Jan	Drilling	00:00	00:30	0.50	1805	1890	85	17	170.0	35	8500	857	2500	150	30.26	349.51	1.56	
2	14-Jan	Sliding	00:40	00:55	0.25	1890	1905	15	17	60.0	0	0	857	2500	150	30.04	349.64	1.56	
2	14-Jan	Drilling	00:55	01:25	0.50	1905	1970	65	17	130.0	35	8500	857	2500		29.90	349.72	0.00	

Total Drilled:

1389

Avg. Total ROP:

144.94

DEPTH% - TIME %

Total Rotary Drilled:

1192

Avg. Rotary ROP:

164.41

Percent Rotary:

85.82 - 75.65

Total Drilled Sliding:

197

Avg. Slide ROP:

84.43

Percent Slide:

14.18 - 24.35



JOB NO.:	42DEF1101055	Report Time:	2400	1 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Thursday, January 20, 2011 at 0000 to Thursday, January 20, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0		0
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	5.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL						cASING			BHA	
Lead Directional :		Dan Chamblee				Size	Lb/ft	Set Depth	N/A	
Second Directional :		Josh McClelland				Signature:				
MWD Operator1		Ricky Perry								
MWD Operator2										
Directional Company:		SDI								
Geologist:										
Company Man:		Kenny Cruth								
Incl. In:	29.9	Azm. In:	349.72	Incl. Out:	1.67	Azm. Out:	251.63			

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Jan-11	00:00	05:00	5.00	0	0	Other	Casing activities
20-Jan-11	05:00	24:00	19.00	0	0	N/U BOPS	Skid, N/U BOPS-Test



JOB NO.:	42DEF1101055	Report Time:	2400	2 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Friday, January 21, 2011 at 0000 to Friday, January 21, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	1900.00	Rotary Hours	8.42	WOB	18	Pick UP	96	Slack Off	74	SPM	
End Depth	3530.00	Circulating Hours	0.33	RAB	80	SPP	1400	FlowRate	0 - 496	110	
Total Drilled:	1630.00	Avg. Total ROP:	161.65	Mud Data							
Total Rotary Drilled:	1515.00	Avg. Rotary ROP:	180.00	Type	Water/Gel			PV	18	SOLID	5
Total Drilled Sliding:	115.00	Avg. Slide ROP:	69.00	Weight	9.2	GAS	0	YP	9	BHT°	0
Slide Hours:	1.67	Percent Rotary:	92.94	Viscosity	31	SAND	0.01	PH	9.8	Flow T°	71
Below Rotary Hrs.	23.00	Percent Slide:	7.06	Chlorides	900	WL	9.6			Oil %	0
PERSONNEL				cASING					BHA		
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:7 7/8 FX65M, 7:8, 3.3 HR at 1.5, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag HOS, 6 1/2" Non-Mag DC, 6 1/2" GAP SUB, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag DC,			
Second Directional :	Josh McClelland			Signature:							
MWD Operator1	Ricky Perry										
MWD Operator2											
Directional Company:	SDI										
Geologist:											
Company Man:	Kenny Cruth										
Incl. In:	29.9	Azm. In:	349.72	Incl. Out:	28.75	Azm. Out:	345.5				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jan-11	00:00	01:00	1.00	0	0	N/U BOPS	N/U BOPS-Test
21-Jan-11	01:00	02:00	1.00	0	0	Other	Other- Cut/Slip
21-Jan-11	02:00	03:10	1.17	0	0	Change BHA	Change BHA-P/U BHA #1
21-Jan-11	03:10	04:40	1.50	0	1900	TIH	TIH
21-Jan-11	04:40	05:00	0.33	1900	1900	Circulating	Circulating-near surface test - Packed off
21-Jan-11	05:00	07:00	2.00	1900	1900	POOH	POOH
21-Jan-11	07:00	09:55	2.92	1900	1900	Change BHA	Change BHA
21-Jan-11	09:55	12:30	2.58	1900	1900	TIH	TIH
21-Jan-11	12:30	13:50	1.33	1900	1970	Drilling	Drilling Cement
21-Jan-11	13:50	13:55	0.08	1970	1980	Drilling	Drilling open hole
21-Jan-11	13:55	14:00	0.08	1980	1980	Survey & Conn.	Conn.
21-Jan-11	14:00	14:40	0.67	1980	2074	Drilling	Drilling - (WOB:16;GPM :496;RPM:35)
21-Jan-11	14:40	14:45	0.08	2074	2074	Survey & Conn.	Survey & Conn.
21-Jan-11	14:45	15:10	0.42	2074	2168	Drilling	Drilling - (WOB:16;GPM :496;RPM:35)
21-Jan-11	15:10	15:15	0.08	2168	2168	Survey & Conn.	Survey & Conn.
21-Jan-11	15:15	15:40	0.42	2168	2263	Drilling	Drilling - (WOB:18;GPM :496;RPM:35)
21-Jan-11	15:40	15:45	0.08	2263	2263	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jan-11	15:45	16:10	0.42	2263	2357	Drilling	Drilling - (WOB:18;GPM :496;RPM:35)
21-Jan-11	16:10	16:15	0.08	2357	2357	Survey & Conn.	Survey & Conn.
21-Jan-11	16:15	16:20	0.08	2357	2367	Sliding	Sliding @ 75R
21-Jan-11	16:20	16:40	0.33	2367	2451	Drilling	Drilling - (WOB:18;GPM :496;RPM:35)
21-Jan-11	16:40	16:45	0.08	2451	2451	Survey & Conn.	Survey & Conn.
21-Jan-11	16:45	17:10	0.42	2451	2546	Drilling	Drilling - (WOB:18;GPM :496;RPM:35)
21-Jan-11	17:10	17:15	0.08	2546	2546	Survey & Conn.	Survey & Conn.
21-Jan-11	17:15	17:25	0.17	2546	2558	Sliding	Sliding - (WOB:20;GPM :496;TFO:15)
21-Jan-11	17:25	17:45	0.33	2558	2640	Drilling	Drilling - (WOB:18;GPM :496;RPM:35)
21-Jan-11	17:45	17:50	0.08	2640	2640	Survey & Conn.	Survey & Conn.
21-Jan-11	17:50	18:00	0.17	2640	2655	Sliding	Sliding - (WOB:20;GPM :496;TFO:360)
21-Jan-11	18:00	18:20	0.33	2655	2734	Drilling	Drilling - (WOB:18;GPM :496;RPM:50)
21-Jan-11	18:20	18:25	0.08	2734	2734	Survey & Conn.	Survey & Conn.
21-Jan-11	18:25	18:40	0.25	2734	2754	Sliding	Sliding - (WOB:20;GPM :496;TFO:15)
21-Jan-11	18:40	19:00	0.33	2754	2829	Drilling	Drilling - (WOB:18;GPM :496;RPM:50)
21-Jan-11	19:00	19:05	0.08	2829	2829	Survey & Conn.	Survey & Conn.
21-Jan-11	19:05	19:25	0.33	2829	2849	Sliding	Sliding - (WOB:20;GPM :496;TFO:345)
21-Jan-11	19:25	19:50	0.42	2849	2923	Drilling	Drilling - (WOB:18;GPM :496;RPM:50)
21-Jan-11	19:50	19:55	0.08	2923	2923	Survey & Conn.	Survey & Conn.
21-Jan-11	19:55	20:20	0.42	2923	3018	Drilling	Drilling - (WOB:18;GPM :496;RPM:50)
21-Jan-11	20:20	20:25	0.08	3018	3018	Survey & Conn.	Survey & Conn.
21-Jan-11	20:25	20:45	0.33	3018	3038	Sliding	Sliding - (WOB:20;GPM :496;TFO:330)
21-Jan-11	20:45	21:10	0.42	3038	3112	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
21-Jan-11	21:10	21:15	0.08	3112	3112	Survey & Conn.	Survey & Conn.
21-Jan-11	21:15	21:45	0.50	3112	3206	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
21-Jan-11	21:45	21:50	0.08	3206	3206	Survey & Conn.	Survey & Conn.
21-Jan-11	21:50	22:00	0.17	3206	3216	Sliding	Sliding - (WOB:20;GPM :496;TFO:270)
21-Jan-11	22:00	22:25	0.42	3216	3301	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
21-Jan-11	22:25	22:30	0.08	3301	3301	Survey & Conn.	Survey & Conn.
21-Jan-11	22:30	23:00	0.50	3301	3395	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
21-Jan-11	23:00	23:05	0.08	3395	3395	Survey & Conn.	Survey & Conn.
21-Jan-11	23:05	23:35	0.50	3395	3490	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
21-Jan-11	23:35	23:40	0.08	3490	3490	Survey & Conn.	Survey & Conn.
21-Jan-11	23:40	23:50	0.17	3490	3498	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
21-Jan-11	23:50	24:00	0.17	3498	3530	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)



JOB NO.:	42DEF1101055	Report Time:	2400	3 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Saturday, January 22, 2011 at 0000 to Saturday, January 22, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3530.00	Rotary Hours	17.50	WOB	20	Pick UP	155	Slack Off	96	SPM	
End Depth	5490.00	Circulating Hours	0.00	RAB	113	SPP	1800	FlowRate	0 - 496	110	
Total Drilled:	1960.00	Avg. Total ROP:	88.42	Mud Data							
Total Rotary Drilled:	1812.00	Avg. Rotary ROP:	103.54	Type	Water/Gel			PV	18	SOLID	5
Total Drilled Sliding:	148.00	Avg. Slide ROP:	31.71	Weight	9.2	GAS	0	YP	9	BHT°	0
Slide Hours:	4.67	Percent Rotary:	92.45	Viscosity	31	SAND	0.01	PH	9.8	Flow T°	71
Below Rotary Hrs.	24.00	Percent Slide:	7.55	Chlorides	900	WL	9.6			Oil %	0
PERSONNEL				cASING					BHA		
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:7 7/8 FX65M, 7:8, 3.3 HR at 1.5, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag HOS, 6 1/2" Non-Mag DC, 6 1/2" GAP SUB, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag DC,			
Second Directional :	Josh McClelland			Signature:							
MWD Operator1	Ricky Perry										
MWD Operator2											
Directional Company:	SDI										
Geologist:											
Company Man:	Kenny Cruth										
Incl. In:	28.75	Azm. In:	345.5	Incl. Out:	4.66	Azm. Out:	21.36				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Jan-11	00:00	00:15	0.25	3530	3584	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
22-Jan-11	00:15	00:20	0.08	3584	3584	Survey & Conn.	Survey & Conn.
22-Jan-11	00:20	00:35	0.25	3584	3594	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	00:35	01:15	0.67	3594	3678	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
22-Jan-11	01:15	01:20	0.08	3678	3678	Survey & Conn.	Survey & Conn.
22-Jan-11	01:20	02:00	0.67	3678	3773	Drilling	Drilling - (WOB:18;GPM :496;RPM:45)
22-Jan-11	02:00	02:05	0.08	3773	3773	Survey & Conn.	Survey & Conn.
22-Jan-11	02:05	02:25	0.33	3773	3783	Sliding	Sliding - (WOB:20;GPM :496;TFO:360)
22-Jan-11	02:25	03:00	0.58	3783	3867	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	03:00	03:05	0.08	3867	3867	Survey & Conn.	Survey & Conn.
22-Jan-11	03:05	03:20	0.25	3867	3879	Sliding	Sliding - (WOB:20;GPM :496;TFO:15)
22-Jan-11	03:20	03:55	0.58	3879	3962	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	03:55	04:00	0.08	3962	3962	Survey & Conn.	Survey & Conn.
22-Jan-11	04:00	04:10	0.17	3962	3962	Rig Service-Inhole	Rig Service-Inhole
22-Jan-11	04:10	04:55	0.75	3962	4056	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	04:55	05:00	0.08	4056	4056	Survey & Conn.	Survey & Conn.
22-Jan-11	05:00	05:50	0.83	4056	4151	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Jan-11	05:50	05:55	0.08	4151	4151	Survey & Conn.	Survey & Conn.
22-Jan-11	05:55	06:10	0.25	4151	4157	Sliding	Sliding - (WOB:20;GPM :496;TFO:15)
22-Jan-11	06:10	07:05	0.92	4157	4245	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	07:05	07:10	0.08	4245	4245	Survey & Conn.	Survey & Conn.
22-Jan-11	07:10	07:15	0.08	4245	4251	Sliding	Sliding - (WOB:20;GPM :496;TFO:180)
22-Jan-11	07:15	08:00	0.75	4251	4339	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	08:00	08:05	0.08	4339	4339	Survey & Conn.	Survey & Conn.
22-Jan-11	08:05	08:50	0.75	4339	4434	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	08:50	08:55	0.08	4434	4434	Survey & Conn.	Survey & Conn.
22-Jan-11	08:55	09:05	0.17	4434	4442	Sliding	Sliding - (WOB:20;GPM :496;TFO:150)
22-Jan-11	09:05	09:55	0.83	4442	4528	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	09:55	10:00	0.08	4528	4528	Survey & Conn.	Survey & Conn.
22-Jan-11	10:00	10:15	0.25	4528	4536	Sliding	Sliding - (WOB:20;GPM :496;TFO:75)
22-Jan-11	10:15	11:05	0.83	4536	4622	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	11:05	11:10	0.08	4622	4622	Survey & Conn.	Survey & Conn.
22-Jan-11	11:10	11:25	0.25	4622	4632	Sliding	Sliding - (WOB:20;GPM :496;TFO:60)
22-Jan-11	11:25	12:15	0.83	4632	4717	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	12:15	12:20	0.08	4717	4717	Survey & Conn.	Survey & Conn.
22-Jan-11	12:20	12:45	0.42	4717	4727	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	12:45	13:30	0.75	4727	4811	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	13:30	13:35	0.08	4811	4811	Survey & Conn.	Survey & Conn.
22-Jan-11	13:35	13:55	0.33	4811	4821	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	13:55	15:00	1.08	4821	4906	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	15:00	15:05	0.08	4906	4906	Survey & Conn.	Survey & Conn.
22-Jan-11	15:05	16:05	1.00	4906	5000	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	16:05	16:25	0.33	5000	5036	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	16:25	16:45	0.33	5036	5046	Sliding	Sliding - (WOB:20;GPM :496;TFO:60)
22-Jan-11	16:45	17:15	0.50	5046	5094	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	17:15	17:20	0.08	5094	5094	Survey & Conn.	Survey & Conn.
22-Jan-11	17:20	17:50	0.50	5094	5106	Sliding	Sliding - (WOB:20;GPM :496;TFO:60)
22-Jan-11	17:50	18:45	0.92	5106	5189	Drilling	Drilling - (WOB:20;GPM :496;RPM:50)
22-Jan-11	18:45	18:50	0.08	5189	5189	Survey & Conn.	Survey & Conn.
22-Jan-11	18:50	19:20	0.50	5189	5201	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	19:20	20:35	1.25	5201	5283	Drilling	Drilling - (WOB:20;GPM :496;RPM:50)
22-Jan-11	20:35	20:40	0.08	5283	5283	Survey & Conn.	Survey & Conn.
22-Jan-11	20:40	21:00	0.33	5283	5295	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	21:00	22:05	1.08	5295	5378	Drilling	Drilling - (WOB:20;GPM :496;RPM:50)
22-Jan-11	22:05	22:10	0.08	5378	5378	Survey & Conn.	Survey & Conn.
22-Jan-11	22:10	22:35	0.42	5378	5390	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
22-Jan-11	22:35	23:45	1.17	5390	5472	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
22-Jan-11	23:45	23:50	0.08	5472	5472	Survey & Conn.	Survey & Conn.
22-Jan-11	23:50	24:00	0.17	5472	5490	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)



JOB NO.:	42DEF1101055	Report Time:	2400	4 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Sunday, January 23, 2011 at 0000 to Sunday, January 23, 2011 at 2400

DRILLING SUMMARY					Drilling Parameters							
Start Depth	5490.00	Rotary Hours	17.83	WOB	0	Pick UP	188	Slack Off	114	SPM		
End Depth	6898.00	Circulating Hours	1.17	RAB	142	SPP	0	FlowRate	0 - 496	40		
Total Drilled:	1408.00	Avg. Total ROP:	66.00	Mud Data								
Total Rotary Drilled:	1306.00	Avg. Rotary ROP:	73.23	Type	Water/Gel			PV	21	SOLID	6	
Total Drilled Sliding:	102.00	Avg. Slide ROP:	29.14	Weight	9.5	GAS	0	YP	16	BHT°	134	
Slide Hours:	3.50	Percent Rotary:	92.76	Viscosity	50	SAND	0.2	PH	9.5	Flow T°	104	
Below Rotary Hrs.	24.00	Percent Slide:	7.24	Chlorides	600	WL	5.2			Oil %	0	
PERSONNEL				cASING					BHA			
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:7 7/8 FX65M, 7:8, 3.3 HR at 1.5, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag HOS, 6 1/2" Non-Mag DC, 6 1/2" GAP SUB, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag DC,				
Second Directional :	Josh McClelland			Signature:								
MWD Operator1	Ricky Perry											
MWD Operator2												
Directional Company:	SDI											
Geologist:												
Company Man:	Kenny Cruth											
Incl. In:	4.66	Azm. In:	21.36	Incl. Out:	1.67	Azm. Out:	251.63					

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Jan-11	00:00	01:15	1.25	5490	5566	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
23-Jan-11	01:15	01:20	0.08	5566	5566	Survey & Conn.	Survey & Conn.
23-Jan-11	01:20	02:55	1.58	5566	5661	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
23-Jan-11	02:55	03:00	0.08	5661	5661	Survey & Conn.	Survey & Conn.
23-Jan-11	03:00	04:15	1.25	5661	5756	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
23-Jan-11	04:15	04:20	0.08	5756	5756	Survey & Conn.	Survey & Conn.
23-Jan-11	04:20	05:40	1.33	5756	5850	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
23-Jan-11	05:40	05:45	0.08	5850	5850	Survey & Conn.	Survey & Conn.
23-Jan-11	05:45	07:15	1.50	5850	5944	Drilling	Drilling - (WOB:20;GPM :496;RPM:40)
23-Jan-11	07:15	07:20	0.08	5944	5944	Survey & Conn.	Survey & Conn.
23-Jan-11	07:20	07:40	0.33	5944	5954	Sliding	Sliding - (WOB:20;GPM :496;TFO:90)
23-Jan-11	07:40	08:55	1.25	5954	6039	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	08:55	09:00	0.08	6039	6039	Survey & Conn.	Survey & Conn.
23-Jan-11	09:00	10:25	1.42	6039	6133	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	10:25	10:30	0.08	6133	6133	Survey & Conn.	Survey & Conn.
23-Jan-11	10:30	11:00	0.50	6133	6148	Sliding	Sliding - (WOB:20;GPM :496;TFO:45)
23-Jan-11	11:00	11:55	0.92	6148	6228	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Jan-11	11:55	12:00	0.08	6228	6228	Survey & Conn.	Survey & Conn.
23-Jan-11	12:00	13:10	1.17	6228	6322	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	13:10	13:15	0.08	6322	6322	Survey & Conn.	Survey & Conn.
23-Jan-11	13:15	13:45	0.50	6322	6337	Sliding	Sliding - (WOB:20;GPM :496;TFO:45)
23-Jan-11	13:45	14:40	0.92	6337	6416	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	14:40	14:45	0.08	6416	6416	Survey & Conn.	Survey & Conn.
23-Jan-11	14:45	15:05	0.33	6416	6428	Sliding	Sliding - (WOB:20;GPM :496;TFO:30)
23-Jan-11	15:05	16:00	0.92	6428	6511	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	16:00	16:05	0.08	6511	6511	Survey & Conn.	Survey & Conn.
23-Jan-11	16:05	16:15	0.17	6511	6529	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	16:15	17:00	0.75	6529	6549	Sliding	Sliding - (WOB:20;GPM :496;TFO:15)
23-Jan-11	17:00	17:40	0.67	6549	6605	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	17:40	17:45	0.08	6605	6605	Survey & Conn.	Survey & Conn.
23-Jan-11	17:45	18:00	0.25	6605	6605	Rig Service-Inhole	Rig Service-Inhole
23-Jan-11	18:00	18:35	0.58	6605	6625	Sliding	Sliding - (WOB:20;GPM :496;TFO:330)
23-Jan-11	18:35	19:40	1.08	6625	6700	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	19:40	19:45	0.08	6700	6700	Survey & Conn.	Survey & Conn.
23-Jan-11	19:45	20:50	1.08	6700	6794	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	20:50	20:55	0.08	6794	6794	Survey & Conn.	Survey & Conn.
23-Jan-11	20:55	22:15	1.33	6794	6888	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
23-Jan-11	22:15	22:20	0.08	6888	6888	Survey & Conn.	Survey & Conn.
23-Jan-11	22:20	22:50	0.50	6888	6898	Sliding	Sliding - (WOB:20;GPM :496;TFO:30)
23-Jan-11	22:50	24:00	1.17	6898	6898	Circulating	Circulating-Lost Circ



JOB NO.:	42DEF1101055	Report Time:	2400	5 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Monday, January 24, 2011 at 0000 to Monday, January 24, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6898.00	Rotary Hours	16.17	WOB	0	Pick UP	227	Slack Off	138	SPM	
End Depth	7815.00	Circulating Hours	7.00	RAB	168	SPP	480	FlowRate	0 - 496	40	
Total Drilled:	917.00	Avg. Total ROP:	56.72	Mud Data							
Total Rotary Drilled:	917.00	Avg. Rotary ROP:	56.72	Type	Water/Gel			PV	14	SOLID	6
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	9.5	GAS	0	YP	6	BHT°	146
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	39	SAND	0.5	PH	9.3	Flow T°	90
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	600	WL	5.6			Oil %	0
PERSONNEL				cASING					BHA		
Lead Directional :	Dan Chamblee			Size	Lb/ft	Set Depth		BHA # 2:7 7/8 FX65M, 7:8, 3.3 HR at 1.5, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag HOS, 6 1/2" Non-Mag DC, 6 1/2" GAP SUB, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag DC,			
Second Directional :	Josh McClelland			Signature:							
MWD Operator1	Ricky Perry										
MWD Operator2											
Directional Company:	SDI										
Geologist:											
Company Man:	Kenny Cruth										
Incl. In:	1.67	Azm. In:	251.63	Incl. Out:	2.9	Azm. Out:	203.55				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Jan-11	00:00	01:05	1.08	6898	6898	Circulating	Circulating-Lost Circ
24-Jan-11	01:05	02:50	1.75	6898	6983	Drilling	Drilling - (WOB:22;GPM :496;RPM:48)
24-Jan-11	02:50	02:55	0.08	6983	6983	Survey & Conn.	Survey & Conn.
24-Jan-11	02:55	04:10	1.25	6983	7077	Drilling	Drilling - (WOB:19;GPM :405;RPM:45)
24-Jan-11	04:10	04:15	0.08	7077	7077	Survey & Conn.	Survey & Conn.
24-Jan-11	04:15	04:55	0.67	7077	7172	Drilling	Drilling - (WOB:20;GPM :496;RPM:45)
24-Jan-11	04:55	05:00	0.08	7172	7172	Survey & Conn.	Survey & Conn.
24-Jan-11	05:00	06:45	1.75	7172	7266	Drilling	Drilling - (WOB:20;GPM :496;RPM:45)
24-Jan-11	06:45	06:50	0.08	7266	7266	Survey & Conn.	Survey & Conn.
24-Jan-11	06:50	08:40	1.83	7266	7360	Drilling	Drilling - (WOB:20;GPM :496;RPM:48)
24-Jan-11	08:40	08:45	0.08	7360	7360	Survey & Conn.	Survey & Conn.
24-Jan-11	08:45	10:55	2.17	7360	7455	Drilling	Drilling - (WOB:23;GPM :496;RPM:48)
24-Jan-11	10:55	11:00	0.08	7455	7455	Survey & Conn.	Survey & Conn.
24-Jan-11	11:00	13:45	2.75	7455	7549	Drilling	Drilling - (WOB:23;GPM :496;RPM:48)
24-Jan-11	13:45	13:50	0.08	7549	7549	Survey & Conn.	Survey & Conn.
24-Jan-11	13:50	15:20	1.50	7549	7643	Drilling	Drilling - (WOB:23;GPM :496;RPM:48)
24-Jan-11	15:20	15:25	0.08	7643	7643	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Jan-11	15:25	16:55	1.50	7643	7738	Drilling	Drilling - (WOB:23;GPM :496;RPM:48)
24-Jan-11	16:55	17:00	0.08	7738	7738	Survey & Conn.	Survey & Conn.
24-Jan-11	17:00	18:00	1.00	7738	7815	Drilling	Drilling - (WOB:23;GPM :496;RPM:48)
24-Jan-11	18:00	18:05	0.08	7815	7815	Survey & Conn.	Survey & Conn.-TD
24-Jan-11	18:05	24:00	5.92	7815	7815	Circulating	Circulating-Work Tight hole



JOB NO.:	42DEF1101055	Report Time:	2400	6 of 6
COMPANY:	Axia	API JOB #		
LOCATION:	Kimball Creek 14-2D1-Pad	WORK ORDER#	149295-A	
RIG NAME:	H&P 307	FIELD:	Kimball Creek	
STATE:	Colorado	Township:	9S	
COUNTY:	Mesa	SECTRANGE:	14	95W
WELL NAME:	Kimball Creek 11-416D-995			

From Tuesday, January 25, 2011 at 0000 to Tuesday, January 25, 2011 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	5.00	RAB	0	SPP	0	FlowRate	0 - 180	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type	0	PV	0	SOLID	0		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	NA	Chlorides	0	WL	0	Oil %	0		

PERSONNEL						cASING			BHA
Lead Directional :		Dan Chamblee				Size	Lb/ft	Set Depth	BHA # 2:7 7/8 FX65M, 7:8, 3.3 HR at 1.5, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag HOS, 6 1/2" Non-Mag DC, 6 1/2" GAP SUB, 6 1/2" Non-Mag Pony DC, 6 1/2" Non-Mag DC,
Second Directional :		Josh McClelland							
MWD Operator1		Ricky Perry							
MWD Operator2									
Directional Company:		SDI							
Geologist:						Signature:			
Company Man:		Kenny Cruth							
Incl. In:	2.9	Azm. In:	203.55	Incl. Out:	0	Azm. Out:	0		

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Jan-11	00:00	05:00	5.00	7815	7815	Reaming	Circulating-Backreaming tight hole-Estimated for 5AM Report
25-Jan-11	05:00	06:00	1.00	7815	7815	POOH	POOH
25-Jan-11	06:00	08:00	2.00	7815	7815	Change BHA	Change BHA- L/D Directional
25-Jan-11	08:00	24:00	16.00	7815	7815	Other	Other-Bit and SUB Only Wiper

BHA # 1

PDT



JOB NO.: 42DEF1101055 Work Order: 149295-A FIELD: Kimball Creek
 COMPANY: Axia Township: 9S
 LOCATION: Kimball Creek 14-2D1-Pad SECT. RANGE: 14 95W
 RIG NAME: H&P 307 Lead DD: Dan Chamblee
 STATE: Colorado Co. Man: Kenny Cruth
 COUNTY: Mesa BHA TYPE: Steerable Assembly
 WELL NAME: Kimball Creek 11-416D-995 BHA WT: 9615 Wt @ Jars: N/A

Time and Depths	MOTOR DATA	Drilling Parameters
Date In: 21-Jan-11 @ 02:00	7:8, 3.3 stg @ 1.5	SO/PU: 0 - 0 / 0-0
Date Out: 21-Jan-11 @ 09:55	MFG.: Hunting	Rot Strg Wt: 0-0
Hrs In Hole: 7.92	Pad OD: 6 7/16	WOB: 0 - 0
Start Depth: .00	NB Stab: 0	TORQ: -
End Depth: .00	Bit to Bend: 5.94	SPP: 2000 - 2000
Total Drilled: .00	Bent Hsg/Sub°: 1.5 /	Motor RPM: -
Avg. Total ROP: NA	Lobe/Stage: 7:8 / 3.3	Rotary RPM: -
Circ Hrs: Tot/Only .33 / .33	Rev/GAL: 0.16	Flow Rate: 0 - 0
Percent Slide: NA	Rotor Jet: 0	Avg Diff: -
Percent Hrs: NA	Prop BUR: -	Stall Pres.: -
Slide Hours: .00	Act BUR: -	Off Bot Pres.: -
Total Sliding: .00		
Avg. Slide ROP: NA		
Percent Rotary: NA		
Percent Hrs: NA		
Rotary Hours: .00		
Total Rotary: .00		
Avg. Rotary ROP: NA		
Reason POOH: DMF		

MWD Spacing	Gamma: 0	Restiv: 0	Sensor: 58	Last Casing
	GYRO: 0	DNSC: 1970	Sonic: 0	Shoe @: 1957 Hanger @: 0

INC IN: .0 INC OUT: 30.1 AZM IN: .00 AZM OUT: 349.60

Flow rate: 275 - 550 gpm
 Optimum Differential Pressure: 500 psi
 Max Differential Pressure: 740 psi
 Max Torque: 11,550 ft-lbs
 Motor Speed: 0.16 rpg

BHA Detail

Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	MFG.
7 7/8 FX65M	11624789		7 7/8	1.00	1.00	4 1/2 REGP	Security
6 1/2", 7:8, 3.3 @ 1.5	HTG 6359		6 7/16	31.55	32.55	4 1/2 XHB	Hunting
6 1/2" Non-Mag Pony DC	125-086	3 1/4	6 7/16	9.64	42.19	4 1/2 XHB	SDI
6 1/2" Non-Mag HOS	8-056	3 1/4	6 1/8	1.87	44.06	4 1/2 XHB	SDI
6 1/2" Non-Mag DC	122-283	3 5/16	6 3/8	30.61	74.67	4 1/2 XHB	SDI
6 1/2" GAP SUB	69-337	2 7/8	6 5/16	4.50	79.17	4 1/2 XHB	SDI
6 1/2" Non-Mag Pony DC	125-098	3 1/4	6 3/16	10.00	89.17	4 1/2 XHB	SDI
6 1/2" Non-Mag DC	122-308	3 5/16	6 5/16	30.98	120.15	4 1/2 XHB	SDI

6 1/2" Non-Mag DC
 O.D.=6 5/16
 Length=30.98
 FN=2.34

6 1/2" Non-Mag Pony DC
 O.D.=6 3/16
 Length=10

6 1/2" GAP SUB
 O.D.=6 1/8
 Length=4.5

6 1/2" Non-Mag DC
 O.D.=6 3/8
 Length=30.61
 FN=2.58

6 1/2" Non-Mag HOS
 O.D.=6 1/8

6 1/2" Non-Mag Pony DC
 O.D.=6 7/16
 Length=9.64

6 1/2", 7:8, 3.3 @ 1.5
 O.D.=6 7/16
 Length=31.55
 FN=1.34

7 7/8 FX65M
 O.D.=7 7/8
 Length=1



JOB NO.:
COMPANY:
LOCATION:
RIG NAME:
STATE:
COUNTY: Country
WELL NAME:

FIELD:
Township:
Range

MOTOR INFORMATION

Desc: 7:8, 3.3 stg @ 1.5
Bent Hsg/Sub: 1.5 / 0 Bit to Bend: 5.94
Pad OD: 6 7/16 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
---	------	---------------	---------------	-------------	-------	-------------	--------	------------------	-----	-----	-----	-----------------	--------------	-----	-----	-----	-----	-----	------

Total Drilled: 0 Avg. Total ROP: NA DEPTH% - TIME %

Total Rotary Drilled: 0 Avg. Rotary ROP: NA Percent Rotary: NA

Total Drilled Sliding: 0 Avg. Slide ROP: NA Percent Slide: NA

BHA # 2

PDT



JOB NO.: 42DEF1101055 Work Order: 149295-A FIELD: Kimball Creek
 COMPANY: Axia Township: 9S
 LOCATION: Kimball Creek 14-2D1-Pad SECT. RANGE: 14 95W
 RIG NAME: H&P 307 Lead DD: Dan Chamblee
 STATE: Colorado Co. Man: Kenny Cruth
 COUNTY: Mesa BHA TYPE: Steerable Assembly
 WELL NAME: Kimball Creek 11-416D-995 BHA WT: 8070 Wt @ Jars: N/A

Time and Depths	MOTOR DATA	Drilling Parameters
Date In: 21-Jan-11 @ 09:55	Hard Rubber, 7:8, 3.3 @ 1.5	SO/PU: 74 - 138 / 83-227
Date Out: 25-Jan-11 @ 06:00	MFG.: SDI	Rot Strg Wt: 80-168
Hrs In Hole: 92.08	Pad OD: 6 9/16	WOB: 0 - 23
Start Depth: 1900.00	NB Stab: 0	TORQ: 3000 - 15000
End Depth: 7815.00	Bit to Bend: 5.26	SPP: 0 - 2100
Total Drilled: 5915.00	Bent Hsg/Sub°: 1.5 /	Motor RPM: 69
Avg. Total ROP: 84.80	Lobe/Stage: 7:8 / 3.3	Rotary RPM: 25 - 50
Circ Hrs: Tot/Only 82.92 / 13.17	Rev/GAL: 0.14	Flow Rate: 180 - 496
Percent Slide: 6.17	Rotor Jet: 0	Avg Diff:
Percent Hrs: 14.10	Prop BUR:	Stall Pres.:
Slide Hours: 9.83	Act BUR:	Off Bot Pres.:
Total Sliding: 365.00		
Avg. Slide ROP: 37.12		
Percent Rotary: 93.83		
Percent Hrs: 85.90		
Rotary Hours: 59.92		
Total Rotary: 5550.00		
Avg. Rotary ROP: 92.63		
Reason POOH:		

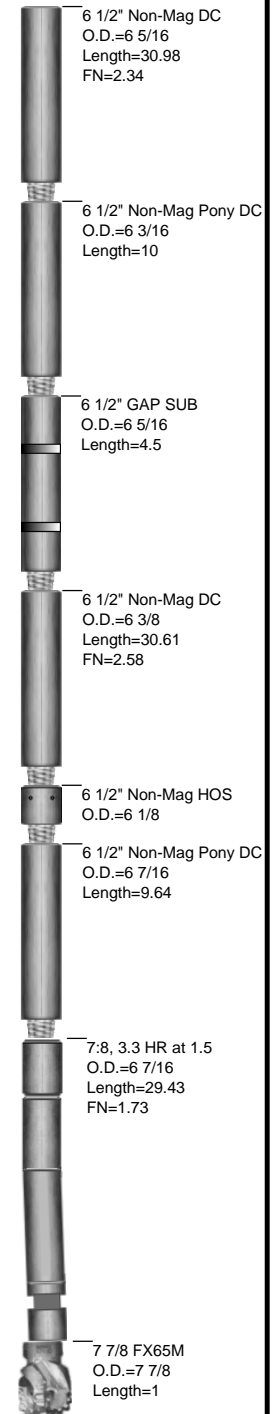
MWD Spacing	Gamma: 0	Restiv: 0	Sensor: 54	Last Casing
	GYRO: 0	DNSC: 1970	Sonic: 0	Shoe @: 1957 Hanger @: 0

INC IN: 30.1 INC OUT: 2.9 AZM IN: 349.60 AZM OUT: 203.55

Max Flow: 600 pgm
 Optimum Differential Pressure: 100 - 310 psi
 Max Differential Pressure: 410 psi
 Max Operating Torque: 7800 ft-lbs
 Motor Speed: .14 rpg

BHA Detail

Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn	MFG.
7 7/8 FX65M	11624789		7 7/8	1.00	1.00	4 1/2 REGP	Security
7:8, 3.3 HR at 1.5	SDI 6534 -114		6 7/16	29.43	30.43	4 1/2 XHB	SDI
6 1/2" Non-Mag Pony DC	125-086	3 1/4	6 7/16	9.64	40.07	4 1/2 XHB	SDI
6 1/2" Non-Mag HOS	8-056	3 1/4	6 1/8	1.87	41.94	4 1/2 XHB	SDI
6 1/2" Non-Mag DC	122-283	3 5/16	6 3/8	30.61	72.55	4 1/2 XHB	SDI
6 1/2" GAP SUB	69-337	2 7/8	6 5/16	4.50	77.05	4 1/2 XHB	SDI
6 1/2" Non-Mag Pony DC	125-098	3 1/4	6 3/16	10.00	87.05	4 1/2 XHB	SDI
6 1/2" Non-Mag DC	122-308	3 5/16	6 5/16	30.98	118.03	4 1/2 XHB	SDI





JOB NO.: 42DEF1101055
COMPANY: Axia
LOCATION: Kimball Creek 14-2D1-Pad
RIG NAME: H&P 307
STATE: Colorado
COUNTY: Country
WELL NAME: Kimball Creek 11-416D-995

FIELD: Kimball Creek
Township: 9S
Range 95W

MOTOR INFORMATION

Desc: Hard Rubber, 7:8, 3.3 @ 1.5
Bent Hsg/Sub: 1.5 / 0 **Bit to Bend:** 5.26
Pad OD: 6 9/16 **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	21-Jan	Drilling	12:30	13:50	1.33	1900	1970	70	10	52.5	25	3000	226	300		30.09	349.79	0.34	
2	21-Jan	Drilling	13:50	13:55	0.08	1970	1980	10	16	120.0	35	7000	496	1300		30.12	349.80	0.34	
2	21-Jan	Drilling	14:00	14:40	0.67	1980	2074	94	16	141.0	35	7000	496	1300		29.97	349.44	0.57	
2	21-Jan	Drilling	14:45	15:10	0.42	2074	2168	94	18	225.6	35	7000	496	1300		29.27	348.65	1.03	
2	21-Jan	Drilling	15:15	15:40	0.42	2168	2263	95	18	228.0	35	7000	496	1300		27.96	347.77	1.74	
2	21-Jan	Drilling	15:45	16:10	0.42	2263	2357	94	18	225.6	35	7000	496	1300		26.97	349.11	1.48	
2	21-Jan	Sliding	16:15	16:20	0.08	2357	2367	10	20	120.0	0	2000	496	1300		26.90	349.40	1.48	
2	21-Jan	Drilling	16:20	16:40	0.33	2367	2451	84	18	252.0	35	7000	496	1300		26.03	349.94	1.21	
2	21-Jan	Drilling	16:45	17:10	0.42	2451	2546	95	18	228.0	35	7000	496	1300		25.73	350.95	0.90	
2	21-Jan	Sliding	17:15	17:25	0.17	2546	2558	12	20	72.0	0	0	496	1300	15	25.76	351.19	0.90	
2	21-Jan	Drilling	17:25	17:45	0.33	2558	2640	82	18	246.0	50	7000	496	1300		25.84	351.06	0.46	
2	21-Jan	Sliding	17:50	18:00	0.17	2640	2655	15	20	90.0	0	0	496	1300	360	25.84	350.90	0.46	
2	21-Jan	Drilling	18:00	18:20	0.33	2655	2734	79	18	237.0	50	7000	496	1300		26.60	350.89	1.31	
2	21-Jan	Sliding	18:25	18:40	0.25	2734	2754	20	20	80.0	0	0	496	1300	15	26.86	350.97	1.31	
2	21-Jan	Drilling	18:40	19:00	0.33	2754	2829	75	18	225.0	50	7000	496	1300		28.06	351.30	1.71	
2	21-Jan	Sliding	19:05	19:25	0.33	2829	2849	20	20	60.0	0	0	496	1300	345	28.40	351.40	1.71	
2	21-Jan	Drilling	19:25	19:50	0.42	2849	2923	74	18	177.6	50	7000	496	1300		28.08	351.79	1.05	
2	21-Jan	Drilling	19:55	20:20	0.42	2923	3018	95	18	228.0	45	7000	496	1300		29.11	350.70	2.67	
2	21-Jan	Sliding	20:25	20:45	0.33	3018	3038	20	20	60.0	0	0	496	1300	330	29.60	350.25	2.67	
2	21-Jan	Drilling	20:45	21:10	0.42	3038	3112	74	18	177.6	45	7000	496	1300		29.61	350.00	0.67	
2	21-Jan	Drilling	21:15	21:45	0.50	3112	3206	94	18	188.0	45	7000	496	1300		29.26	347.60	2.09	
2	21-Jan	Sliding	21:50	22:00	0.17	3206	3216	10	20	60.0	0	0	496	1300	270	29.24	347.17	2.09	
2	21-Jan	Drilling	22:00	22:25	0.42	3216	3301	85	18	204.0	45	7000	496	1300		29.03	345.86	0.31	
2	21-Jan	Drilling	22:30	23:00	0.50	3301	3395	94	18	188.0	45	7000	496	1300		28.82	345.60	0.23	
2	21-Jan	Drilling	23:05	23:35	0.50	3395	3490	95	18	190.0	45	7000	496	1400		28.59	346.31	0.73	
2	21-Jan	Sliding	23:40	23:50	0.17	3490	3498	8	20	48.0	0	0	496	1400	90	28.57	346.43	0.73	
2	21-Jan	Drilling	23:50	24:00	0.17	3498	3530	32	18	192.0	45	7000	496	1400		28.44	346.95	1.92	

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	22-Jan	Drilling	00:00	00:15	0.25	3530	3584	54	18	216.0	45	8000	496	1400		27.79	348.66	1.92	
2	22-Jan	Sliding	00:20	00:35	0.25	3584	3594	10	20	40.0	0	0	496	1500	90	27.67	348.98	1.92	
2	22-Jan	Drilling	00:35	01:15	0.67	3594	3678	84	18	126.0	45	8000	496	1500		26.76	348.84	1.27	
2	22-Jan	Drilling	01:20	02:00	0.67	3678	3773	95	20	142.5	40	8500	496	1600		26.22	348.12	0.29	
2	22-Jan	Sliding	02:05	02:25	0.33	3773	3783	10	20	30.0	0	0	496	1600	360	26.19	348.10	0.29	
2	22-Jan	Drilling	02:25	03:00	0.58	3783	3867	84	20	144.0	40	8500	496	1600		26.07	348.69	0.49	
2	22-Jan	Sliding	03:05	03:20	0.25	3867	3879	12	20	48.0	0	0	496	1600	15	26.05	348.82	0.49	
2	22-Jan	Drilling	03:20	03:55	0.58	3879	3962	83	20	142.3	40	8500	496	1600		25.59	348.50	0.88	
2	22-Jan	Drilling	04:10	04:55	0.75	3962	4056	94	20	125.3	40	8500	496	1600		25.06	347.92	0.48	
2	22-Jan	Drilling	05:00	05:50	0.83	4056	4151	95	20	114.0	40	8500	496	1600		23.38	345.55	3.03	
2	22-Jan	Sliding	05:55	06:10	0.25	4151	4157	6	20	24.0	0	10000	496	1700	180	23.22	345.32	3.03	
2	22-Jan	Drilling	06:10	07:05	0.92	4157	4245	88	20	96.0	40	10000	496	1700		20.75	343.20	2.98	
2	22-Jan	Sliding	07:10	07:15	0.08	4245	4251	6	20	72.0	0	10000	496	1700	150	20.57	343.10	2.98	
2	22-Jan	Drilling	07:15	08:00	0.75	4251	4339	88	20	117.3	40	10000	496	1700		18.84	341.04	1.72	
2	22-Jan	Drilling	08:05	08:50	0.75	4339	4434	95	20	126.7	40	10000	496	1700		17.64	342.11	1.56	
2	22-Jan	Sliding	08:55	09:05	0.17	4434	4442	8	20	48.0	0	3500	496	1700	75	17.55	342.40	1.56	
2	22-Jan	Drilling	09:05	09:55	0.83	4442	4528	86	20	103.2	40	10000	496	1700		16.74	344.04	0.90	
2	22-Jan	Sliding	10:00	10:15	0.25	4528	4536	8	20	32.0	0	4000	496	1700	60	16.68	344.13	0.90	
2	22-Jan	Drilling	10:15	11:05	0.83	4536	4622	86	20	103.2	40	10000	496	1700		15.42	346.32	1.96	
2	22-Jan	Sliding	11:10	11:25	0.25	4622	4632	10	20	40.0	0	4000	496	1700	90	15.24	346.64	1.96	
2	22-Jan	Drilling	11:25	12:15	0.83	4632	4717	85	20	102.0	40	10000	496	1700		13.63	348.61	2.01	
2	22-Jan	Sliding	12:20	12:45	0.42	4717	4727	10	20	24.0	0	4000	496	1700	90	13.44	348.79	2.01	
2	22-Jan	Drilling	12:45	13:30	0.75	4727	4811	84	20	112.0	40	10000	496	1700		12.23	351.15	1.39	
2	22-Jan	Sliding	13:35	13:55	0.33	4811	4821	10	20	30.0	0	4000	496	1700	60	12.11	351.48	1.39	
2	22-Jan	Drilling	13:55	15:00	1.08	4821	4906	85	20	78.5	40	10000	496	1700		11.13	350.56	1.27	
2	22-Jan	Drilling	15:05	16:05	1.00	4906	5000	94	20	94.0	40	10000	496	1700		9.53	349.45	2.06	
2	22-Jan	Drilling	16:05	16:25	0.33	5000	5036	36	20	108.0	40	10000	496	1700		8.79	349.45	2.06	
2	22-Jan	Sliding	16:25	16:45	0.33	5036	5046	10	20	30.0	0	0	496	1700	45	8.70	350.23	1.46	
2	22-Jan	Drilling	16:45	17:15	0.50	5046	5094	48	20	96.0	50	10000	496	1700		8.25	353.96	1.46	
2	22-Jan	Sliding	17:20	17:50	0.50	5094	5106	12	20	24.0	0	0	496	1700	60	8.14	354.89	1.46	
2	22-Jan	Drilling	17:50	18:45	0.92	5106	5189	83	20	90.5	50	10000	496	1700		7.48	2.64	1.51	
2	22-Jan	Sliding	18:50	19:20	0.50	5189	5201	12	20	24.0	0	0	496	1700	90	7.39	3.84	1.51	
2	22-Jan	Drilling	19:20	20:35	1.25	5201	5283	82	20	65.6	50	10000	496	1700		6.62	9.67	1.23	
2	22-Jan	Sliding	20:40	21:00	0.33	5283	5295	12	20	36.0	0	0	496	1700	90	6.50	10.38	1.23	
2	22-Jan	Drilling	21:00	22:05	1.08	5295	5378	83	20	76.6	40	11000	496	1700		5.27	17.72	1.93	

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	22-Jan	Sliding	22:10	22:35	0.42	5378	5390	12	20	28.8	0	0	496	1700	90	5.06	18.93	1.93	
2	22-Jan	Drilling	22:35	23:45	1.17	5390	5472	82	20	70.3	40	11000	496	1700		4.12	23.20	0.96	
2	22-Jan	Drilling	23:50	24:00	0.17	5472	5490	18	20	108.0	40	12000	496	1800		3.95	23.77	0.96	
2	23-Jan	Drilling	00:00	01:15	1.25	5490	5566	76	20	60.8	40	12000	496	1800		3.30	23.91	0.83	
2	23-Jan	Drilling	01:20	02:55	1.58	5566	5661	95	20	60.0	40	12000	496	1800		2.61	19.73	0.72	
2	23-Jan	Drilling	03:00	04:15	1.25	5661	5756	95	20	76.0	40	12000	496	1800		2.05	14.84	0.57	
2	23-Jan	Drilling	04:20	05:40	1.33	5756	5850	94	20	70.5	40	12000	496	1800		1.44	2.90	0.85	
2	23-Jan	Drilling	05:45	07:15	1.50	5850	5944	94	22	62.7	48	12000	496	1900		1.11	18.02	0.73	
2	23-Jan	Sliding	07:20	07:40	0.33	5944	5954	10	20	30.0	0	6000	496	1900	45	1.09	21.75	0.73	
2	23-Jan	Drilling	07:40	08:55	1.25	5954	6039	85	22	68.0	48	12000	496	1900		0.46	66.53	1.08	
2	23-Jan	Drilling	09:00	10:25	1.42	6039	6133	94	22	66.4	48	12000	496	1900		0.73	80.50	1.11	
2	23-Jan	Sliding	10:30	11:00	0.50	6133	6148	15	20	30.0	0	6000	496	1900	45	0.90	78.54	1.11	
2	23-Jan	Drilling	11:00	11:55	0.92	6148	6228	80	22	87.3	48	14000	496	1900		0.92	94.38	0.65	
2	23-Jan	Drilling	12:00	13:10	1.17	6228	6322	94	22	80.6	48	14000	496	1900		1.06	102.09	0.48	
2	23-Jan	Sliding	13:15	13:45	0.50	6322	6337	15	20	30.0	0	6000	496	1900	15	1.13	101.08	0.48	
2	23-Jan	Drilling	13:45	14:40	0.92	6337	6416	79	22	86.2	48	15000	496	1900		1.28	117.16	0.67	
2	23-Jan	Sliding	14:45	15:05	0.33	6416	6428	12	20	36.0	0	6000	496	1900	15	1.30	120.78	0.67	
2	23-Jan	Drilling	15:05	16:00	0.92	6428	6511	83	22	90.5	48	15000	496	1900		1.10	86.02	1.41	
2	23-Jan	Drilling	16:05	16:15	0.17	6511	6529	18	22	108.0	48	12000	496	1900		1.04	72.89	1.41	
2	23-Jan	Sliding	16:15	17:00	0.75	6529	6549	20	20	26.7	0	6000	496	1900	345	0.97	58.36	1.18	
2	23-Jan	Drilling	17:00	17:40	0.67	6549	6605	56	22	84.0	48	12000	496	1900		1.03	19.14	1.18	
2	23-Jan	Sliding	18:00	18:35	0.58	6605	6625	20	20	34.3	0	0	496	1900	330	1.04	5.14	1.18	
2	23-Jan	Drilling	18:35	19:40	1.08	6625	6700	75	22	69.2	48	12000	496	1900		1.38	305.13	1.81	
2	23-Jan	Drilling	19:45	20:50	1.08	6700	6794	94	22	86.8	48	12000	496	1900		1.64	260.72	0.72	
2	23-Jan	Drilling	20:55	22:15	1.33	6794	6888	94	22	70.5	48	12000	496	1900		1.72	262.04	0.54	
2	23-Jan	Sliding	22:20	22:50	0.50	6888	6898	10	20	20.0	0	0	496	1900	30	1.73	263.83	0.54	
2	24-Jan	Drilling	01:05	02:50	1.75	6898	6983	85	19	48.6	45	14000	405	1575		1.82	264.07	0.27	
2	24-Jan	Drilling	02:55	04:10	1.25	6983	7077	94	20	75.2	45	15000	496	2000		2.28	246.56	1.20	
2	24-Jan	Drilling	04:15	04:55	0.67	7077	7172	95	20	142.5	45	15000	496	2000		2.61	230.65	0.52	
2	24-Jan	Drilling	05:00	06:45	1.75	7172	7266	94	20	53.7	48	14000	496	2100		2.65	226.54	0.01	
2	24-Jan	Drilling	06:50	08:40	1.83	7266	7360	94	23	51.3	48	13000	496	2100		2.70	225.16	0.14	
2	24-Jan	Drilling	08:45	10:55	2.17	7360	7455	95	23	43.8	48	13000	496	2100		2.51	224.84	0.39	
2	24-Jan	Drilling	11:00	13:45	2.75	7455	7549	94	23	34.2	48	13000	496	2100		2.38	221.41	0.27	
2	24-Jan	Drilling	13:50	15:20	1.50	7549	7643	94	23	62.7	48	13000	496	2100		2.59	215.37	0.44	
2	24-Jan	Drilling	15:25	16:55	1.50	7643	7738	95	23	63.3	48	13000	496	2100		2.85	205.88	0.65	

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	24-Jan	Drilling	17:00	18:00	1.00	7738	7815	77	23	77.0	48	13000	496	2100		2.90	203.55	0.00	

Total Drilled: 5915 Avg. Total ROP: 84.80 DEPTH% - TIME %

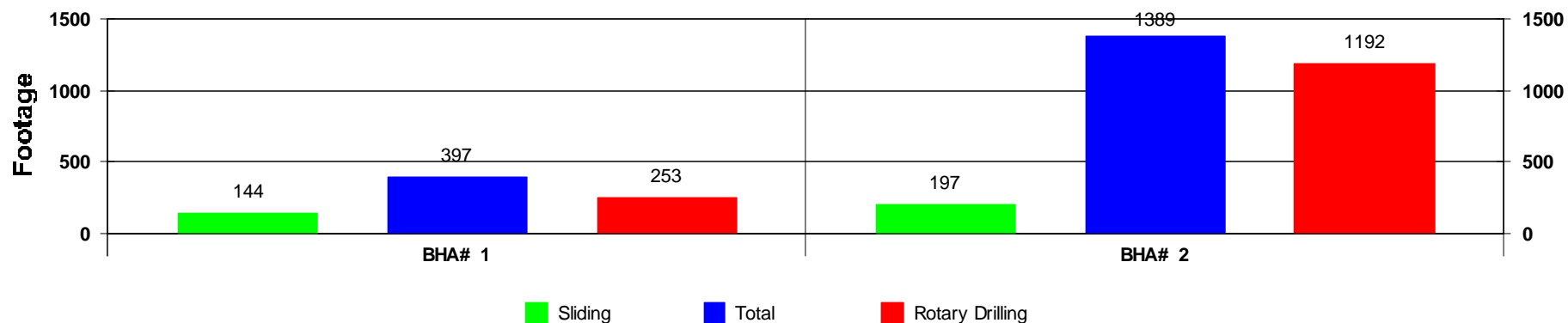
Total Rotary Drilled: 5550 Avg. Rotary ROP: 92.63 Percent Rotary: 93.83 - 85.90

Total Drilled Sliding: 365 Avg. Slide ROP: 37.12 Percent Slide: 6.17 - 14.10

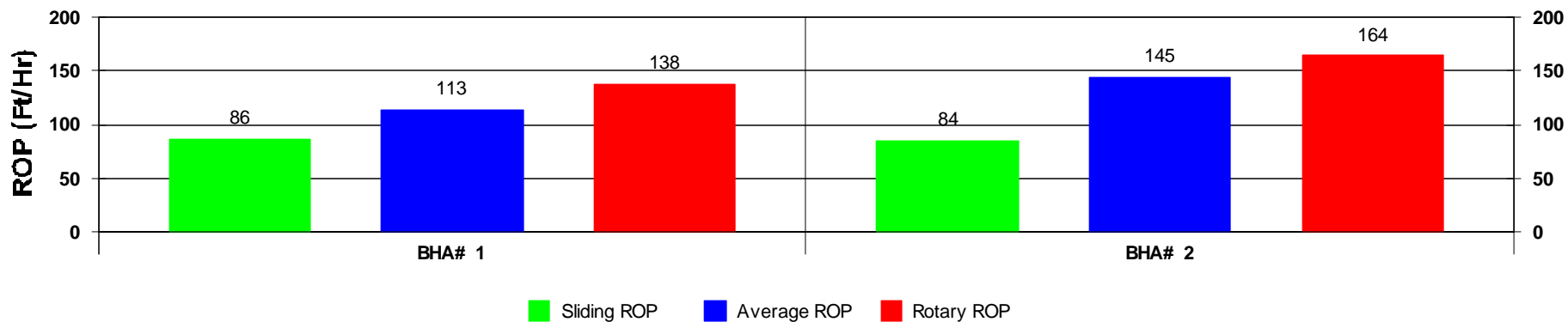


JOB NO.:	42DEFK1101055	FIELD:	Kimball Creek	
COMPANY:	Axia	Township:	9S	
LOCATION:	Kimball Creek 14-2D1-995 Pad	SECTOR RANGE:	14	95W
RIG NAME:	H&P 307	COMMENT		
STATE:	Colorado			
COUNTY:	Mesa			
WELL NAME:	Kimball Creek 11-416D-995			

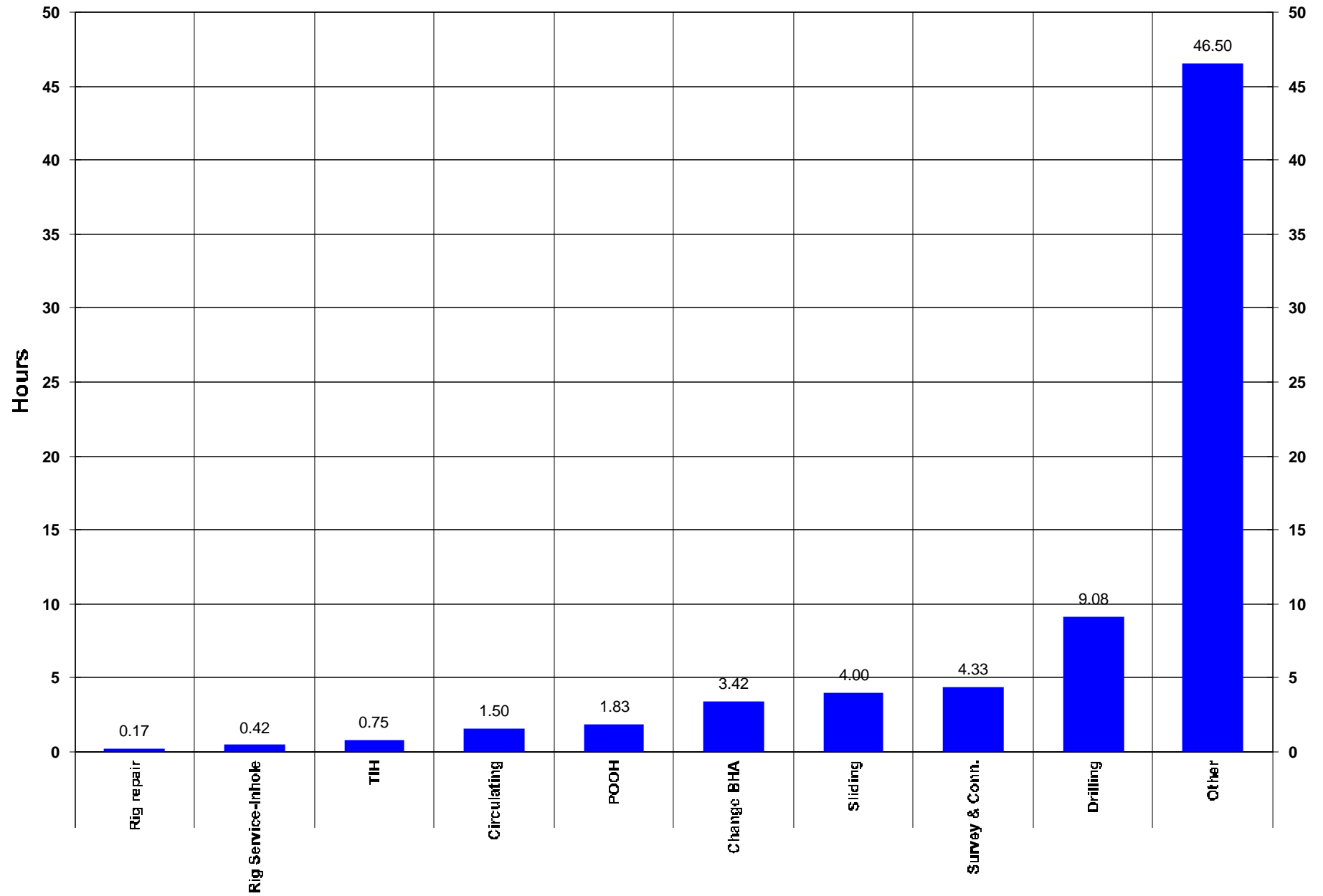
Footage Drilled with BHA



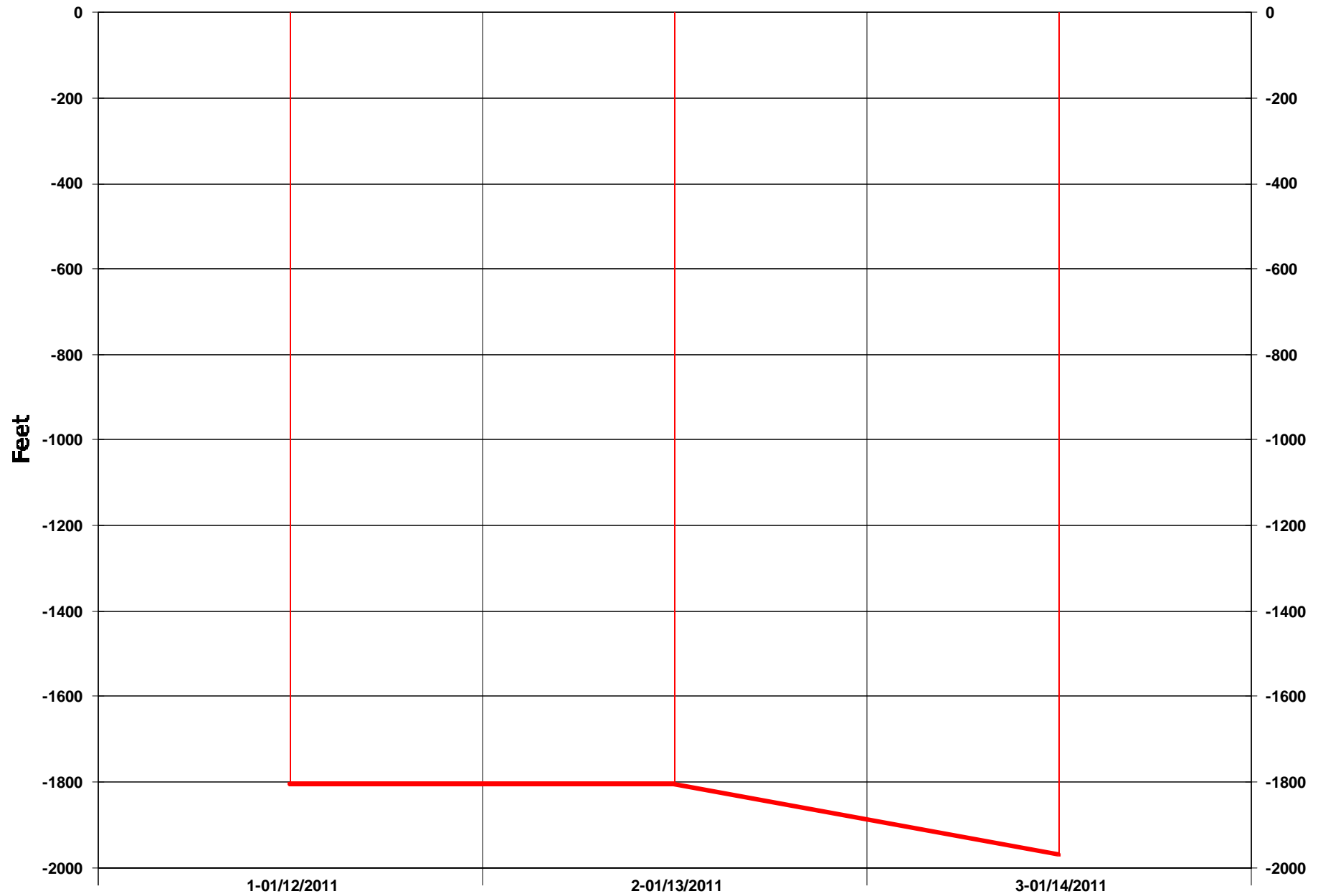
ROP vs BHA



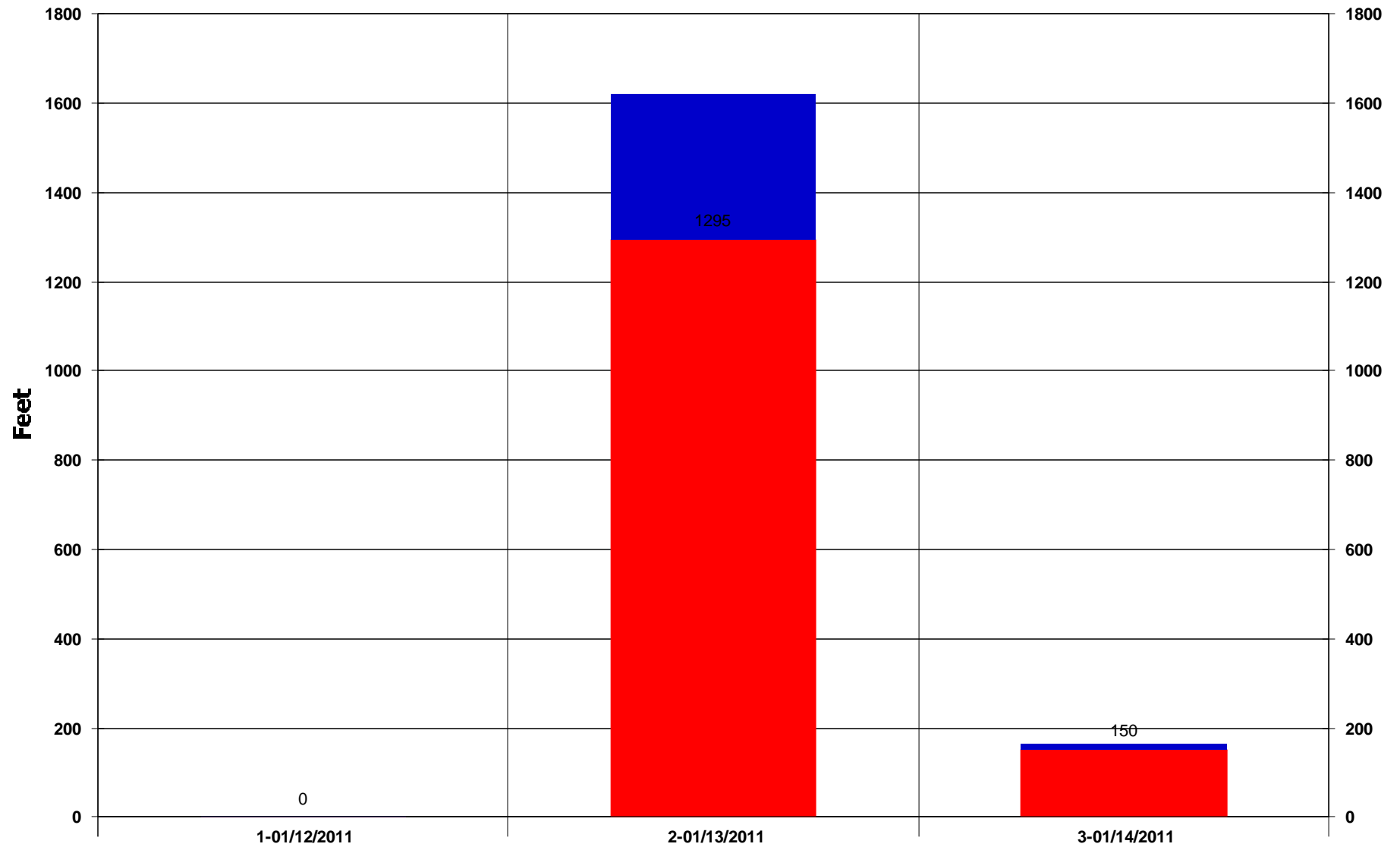
Activity Histogram



Measured Depth vs Days

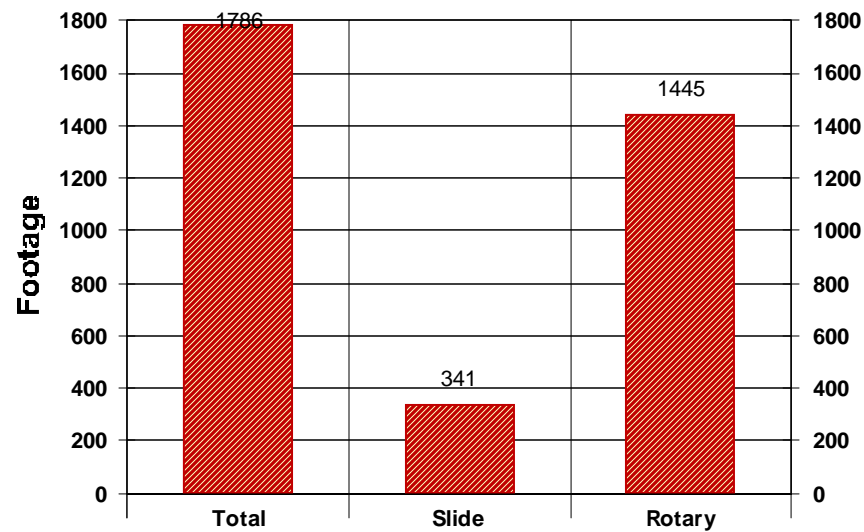


Daily Footage

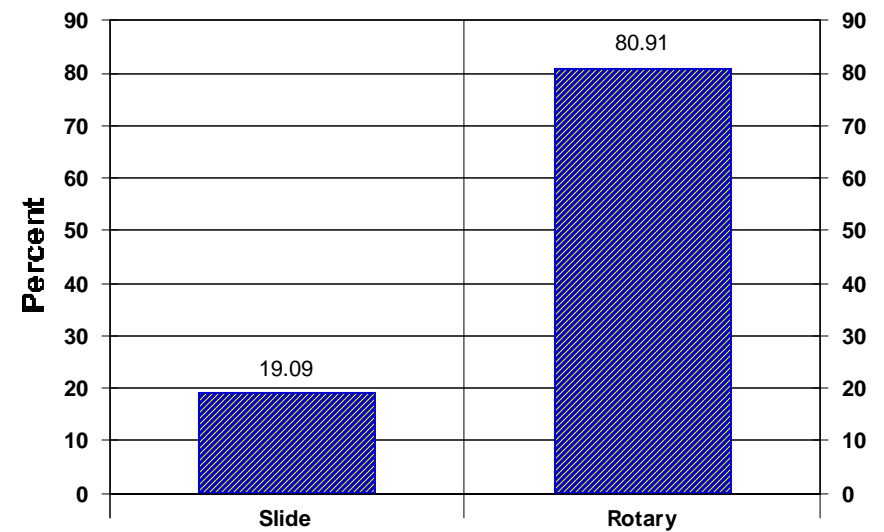


Rotary Drilling Sliding

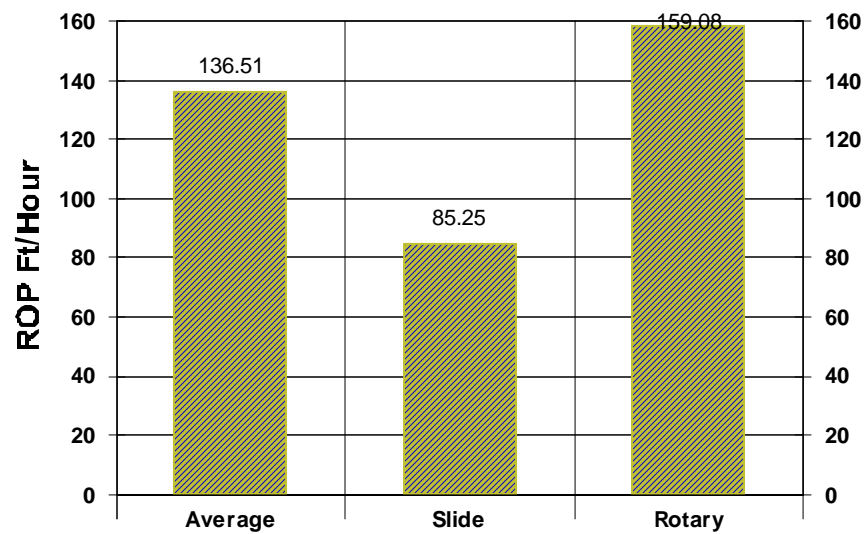
Footage Drilled Totals



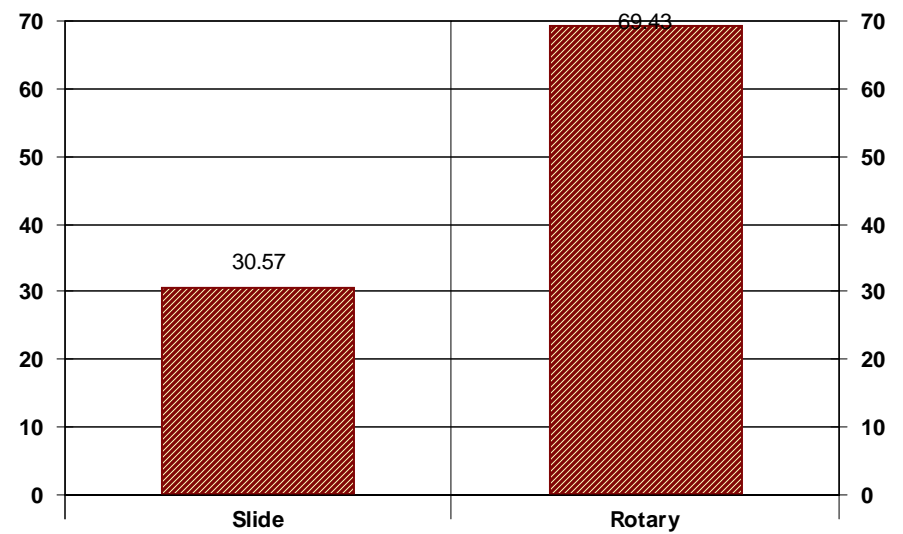
Footage Percent



Rate of Penetration Totals



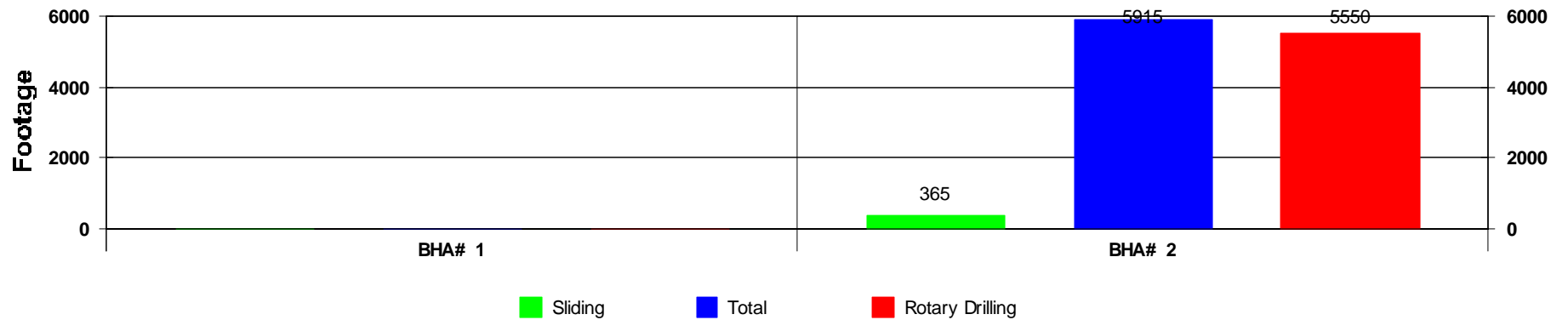
Time Percent



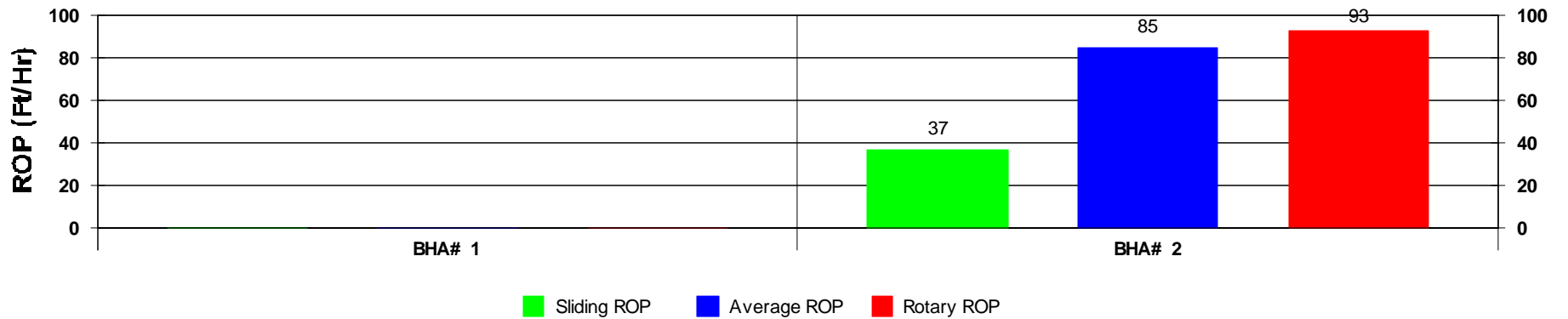


JOB NO.:	42DEF1101055	FIELD:	Kimball Creek	
COMPANY:	Axia	Township:	9S	
LOCATION:	Kimball Creek 14-2D1-Pad	SECT\ RANGE:	14	95W
RIG NAME:	H&P 307	COMMENT		
STATE:	Colorado			
COUNTY:	Mesa			
WELL NAME:	Kimball Creek 11-416D-995			

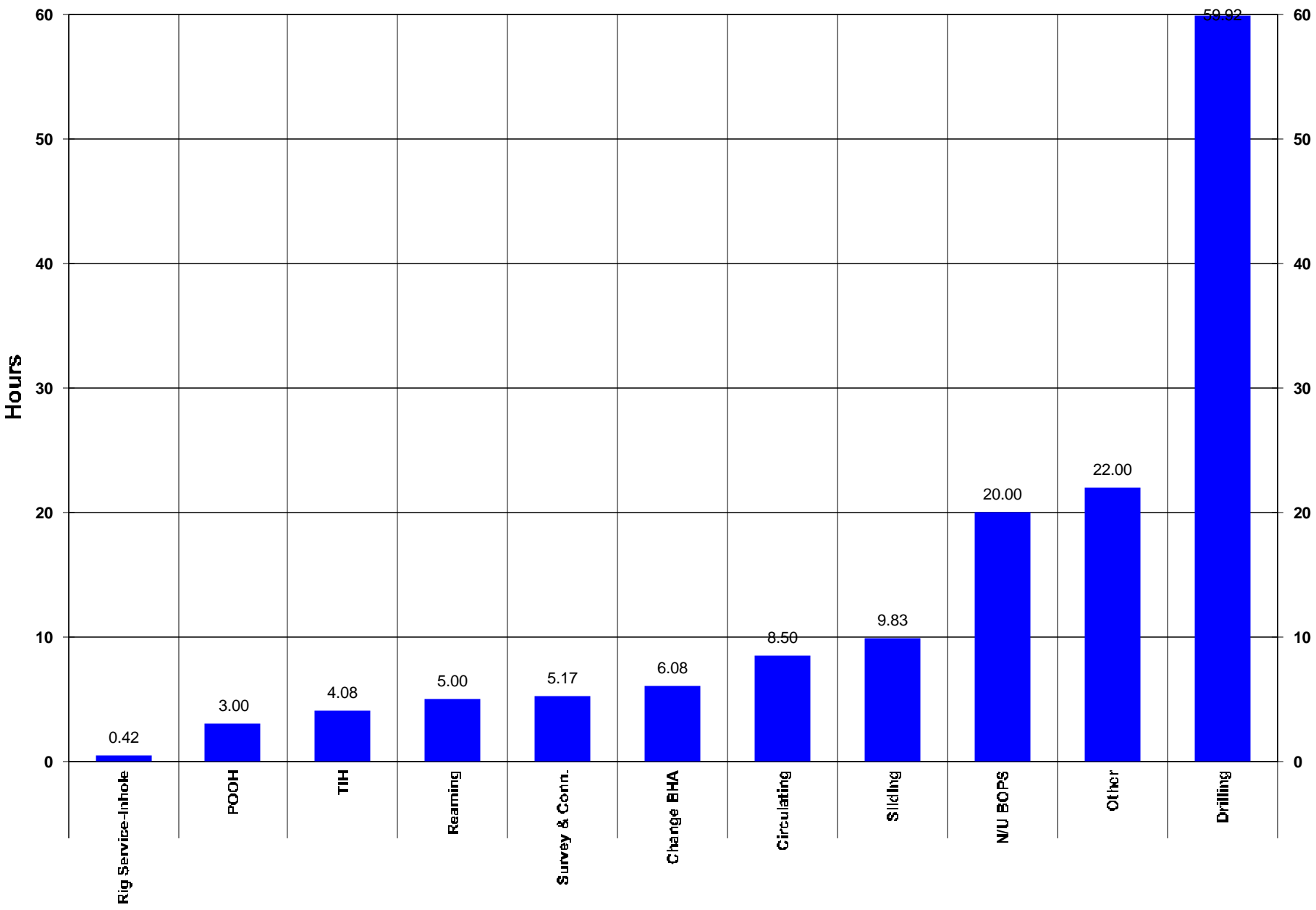
Footage Drilled with BHA



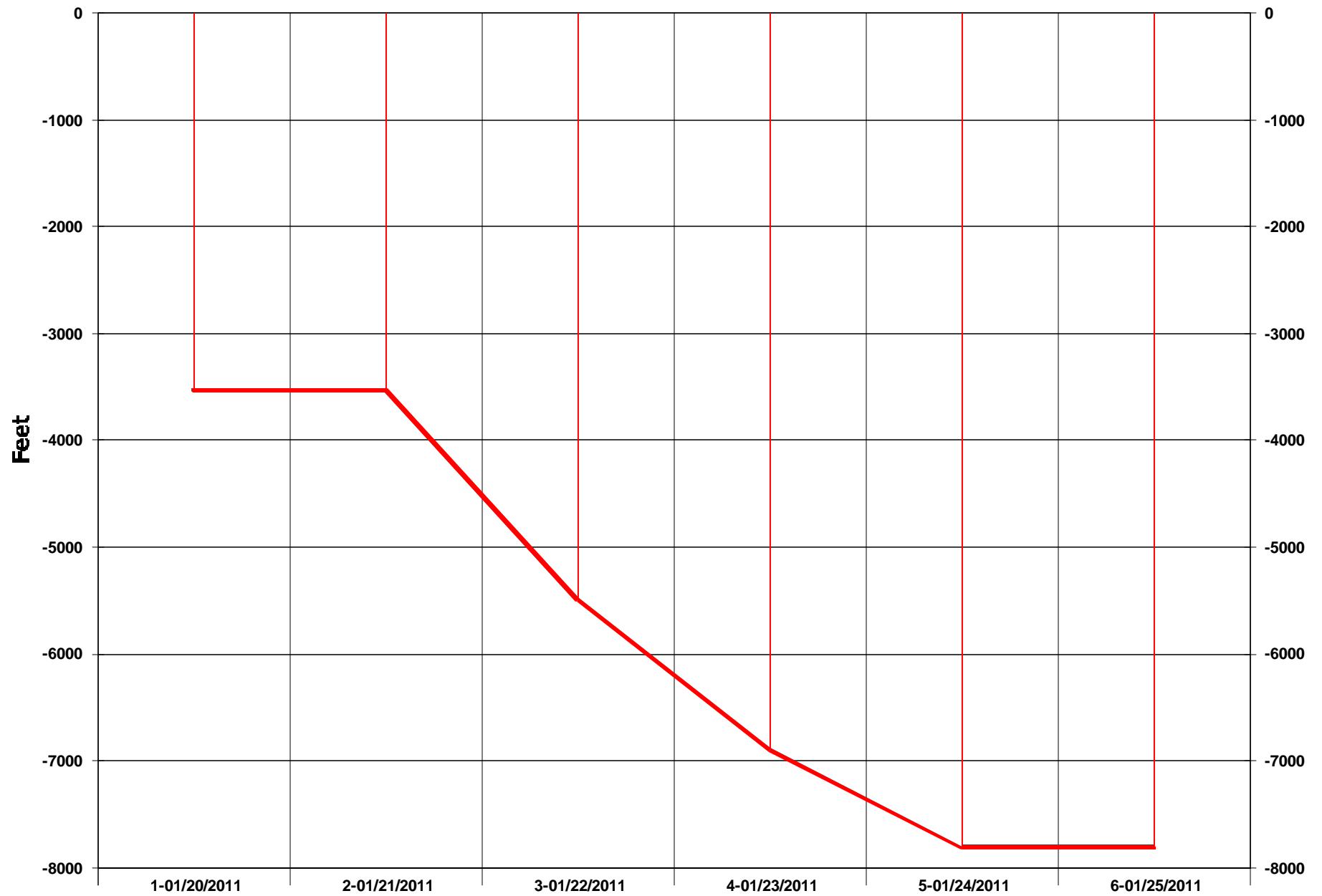
ROP vs BHA



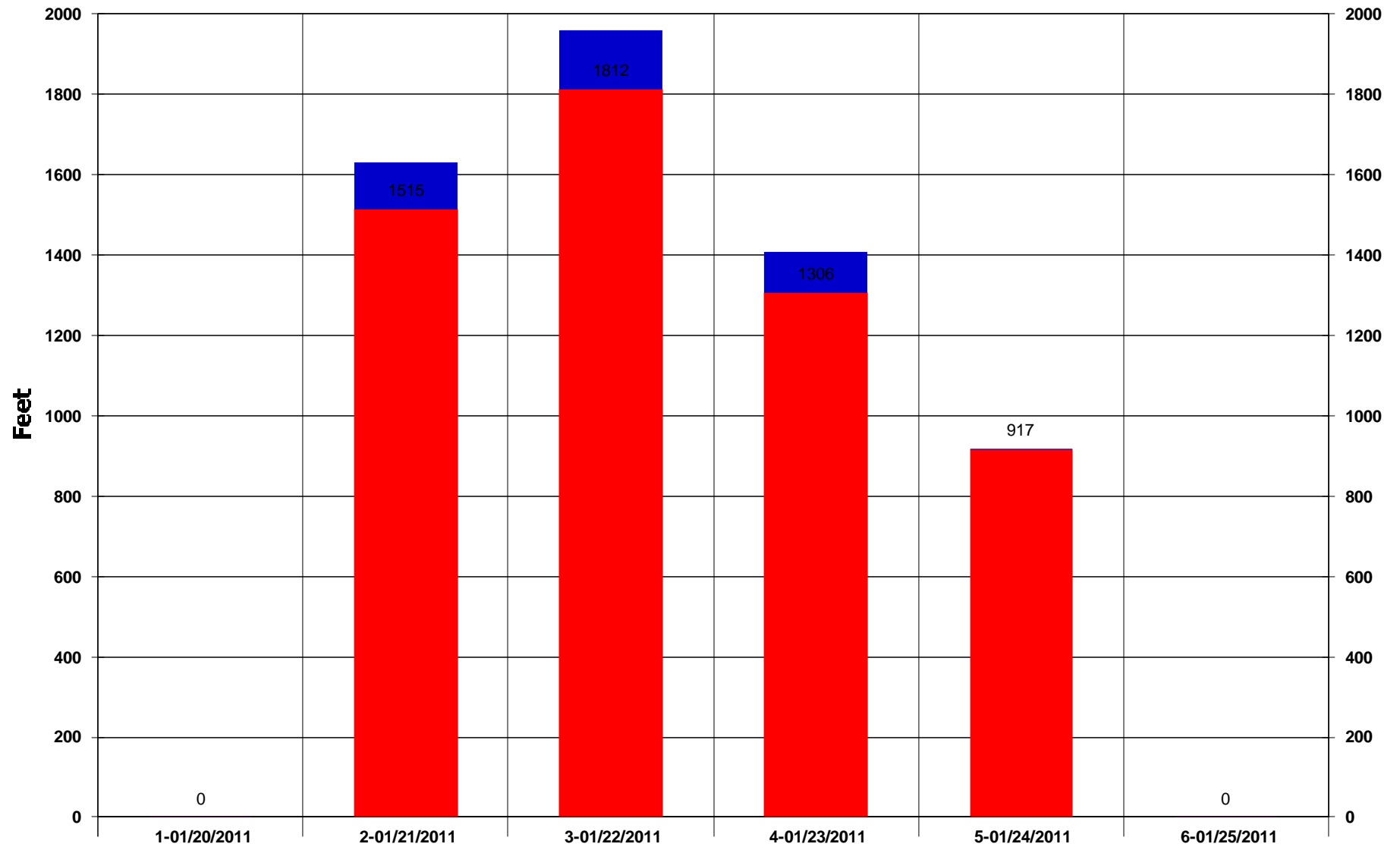
Activity Histogram



Measured Depth vs Days

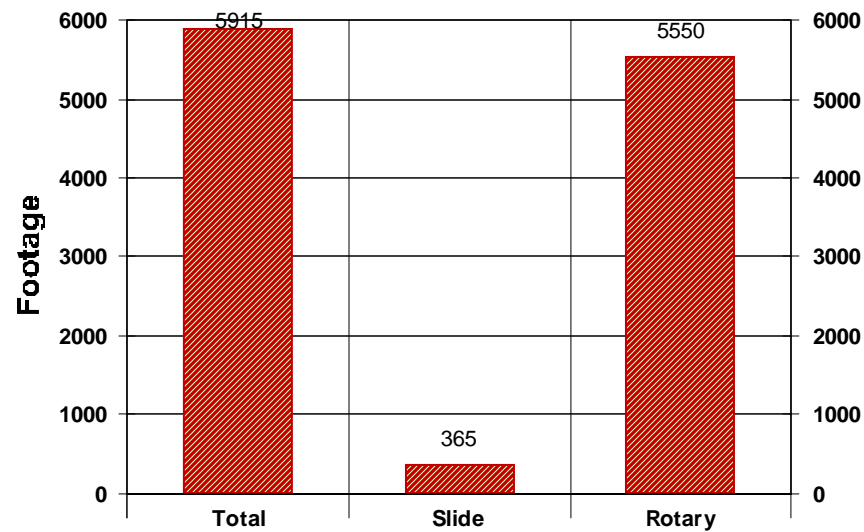


Daily Footage

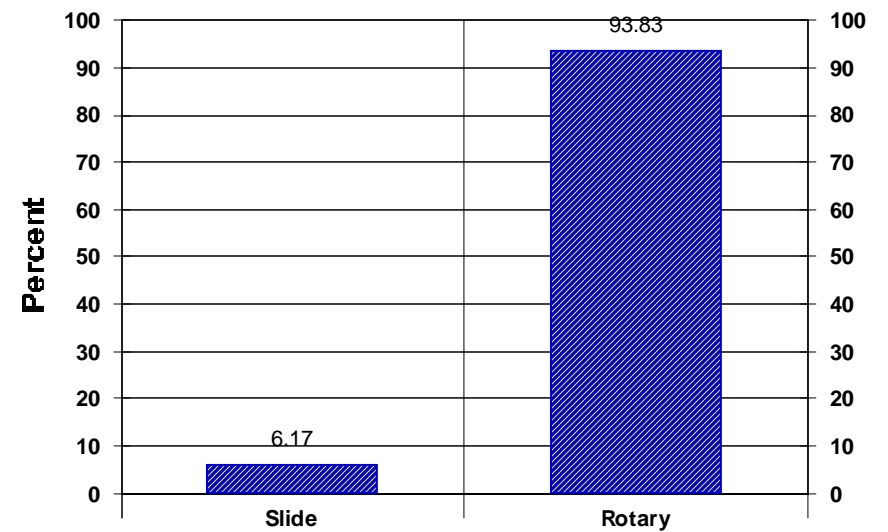


Rotary Drilling Sliding

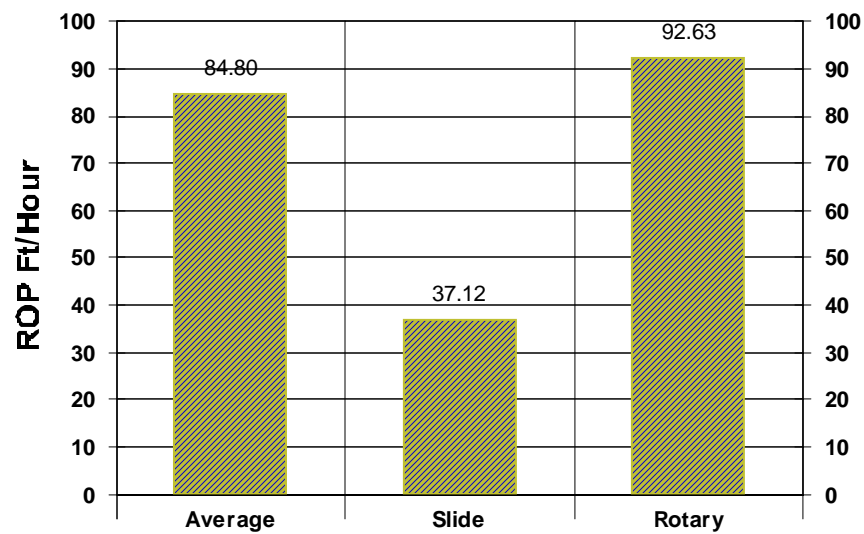
Footage Drilled Totals



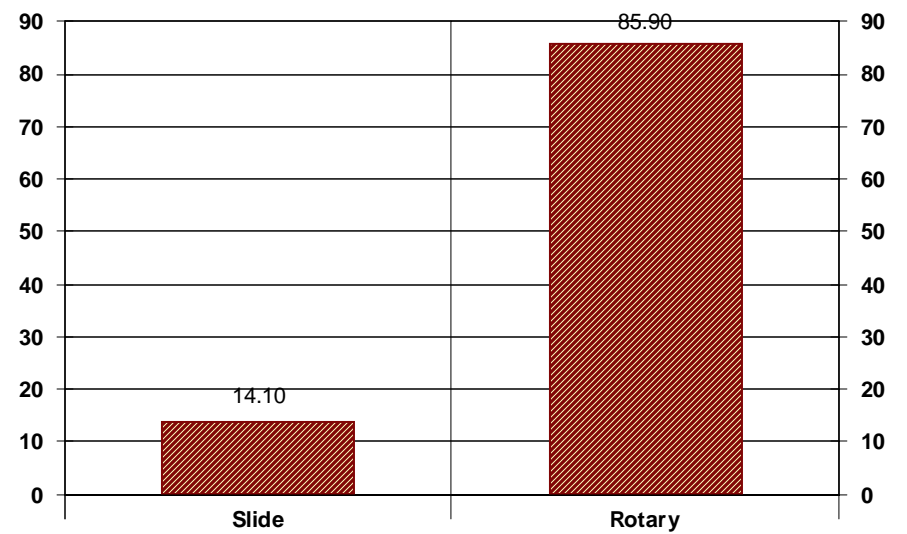
Footage Percent



Rate of Penetration Totals



Time Percent





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MWD Operator:
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