BAKER HUGHES
INTEQ

CORING SUMMARY REPORT

JOB NUMBER	5358573	DATE	28-Mar-13	RUN NUMBER	1-2

WELL INFORMATION

COMPANY	Comet Ridge Resources	WELL NAME	Busy Gully 13-54-12-3	HOLE SIZE(in)	7 7/8
STATE	CO	WELL LOCATION	0	HOLE ANGLE	0
CORE DEPTH	5967	FIELD	Lincoln	COMPANY REP	0
FORMATION	Pawnee	CONTRACTOR	Patterson 189	SERVICE REP	R. Barta & R. Sanders
LITHOLOGY	Limestone/Shale	RIG NUMBER	0	DISTRICT	0

BIT INFORMATION

NO.	STYLE	SIZE	SERIAL NO.	CONDITION BEFORE	CONDITION AFTER		T.F.A.
1	BHC-406z	7 7/8 x 3 1/2	7122583	0	Not Graded		0.89
2							
3							
4							

BARREL INFORMATION

BBL. TYPE	250-P Jambuster	INNER TUBE TYPE	Aluminum	PLASTIC/ALUMINUM LEFT	
BBL. SIZE	7 7/8 x 3 1/2	INNER STAB.	Yes	JAR MAKE	
BBL. SERIAL NO.	0	L. SHOE & CATCHER	Conv. Spring	JAR SERIAL NO.	
STAB. SIZE	7 7/8	JAM INDICATOR	NO		

MUD DATA

PUMP MAKE		MUD TYPE	Dap Water base	% SAND	
MODEL		MUD WEIGHT(kg/m^3)	9	YP	7
STROKE LENGTH		VISCOSITY	50		
LINER SIZE	0	WATER LOSS	7		
PUMP DISP. GPS		PH	0		
FLOW RATE	0	SOLIDS	0		

SUMMARY

CORE #	BIT TYPE	SERIAL NUMBER	DEPTH OUT	CUT	REC'D	HOURS	CATCHER TYPE*	FORMATION
1	BHC-406z	7122583	6035	68.00	61.50	17.80	Conv. Spring	Pawnee
2	BHC-406z	7122583	6110	75	75	6.50	Conv. Spring	Pawnee
3								
4								
5								
6								
7								
8								
9								
10								

* Catcher Type: C-Conventional; S-Slip & Knife; B-Basket; L-Low Invasion

REASON BIT PULLED IF OTHER THAN TO RECOVER CORE:

AMOUNT CORED(Ft):	143	AMOUNT REC.(m)	136.50	% OF RECOVERY	95%
HRS : MIN.	24.30	TIME REAMING	0.00	AVE. ROP(ft/hr)	5.9

BAKER HUGHES INTEQ

WELL INFORMATION

Company	Comet Ridge Resources
Contractor	Patterson 189
Well Name & No.	Busygully 13-54-12-3 3-54-12-
Field	Wildcat
County/Area	Lincoln
State/Country	Colorado
Hole Size	7-7/8"
Hole Angle	n/a
Formation Name	Pawnee
Lithology	Limeston,shale
Mud: Type	Dap water base Wt. 9.0
Vis. 50	YP
PV	LCM 10 WL

EQUIPMENT

Core Barrel Type	250 P Jambuster		
Size	7-7/8"x3-1/2"x120'	No.	172470904
Inner Tube Type	Aluminum		
Liner Type			
CB Stab. Size	7-13/16"	Type	PTA
Catcher Type	Conv. Spring		
Bit Style	406 Z	Size	7-7/8"x3-1/2"
Bit Serial No.	7122583	TFA	.89
Pump Pressure	950-390		
Strokes	88		

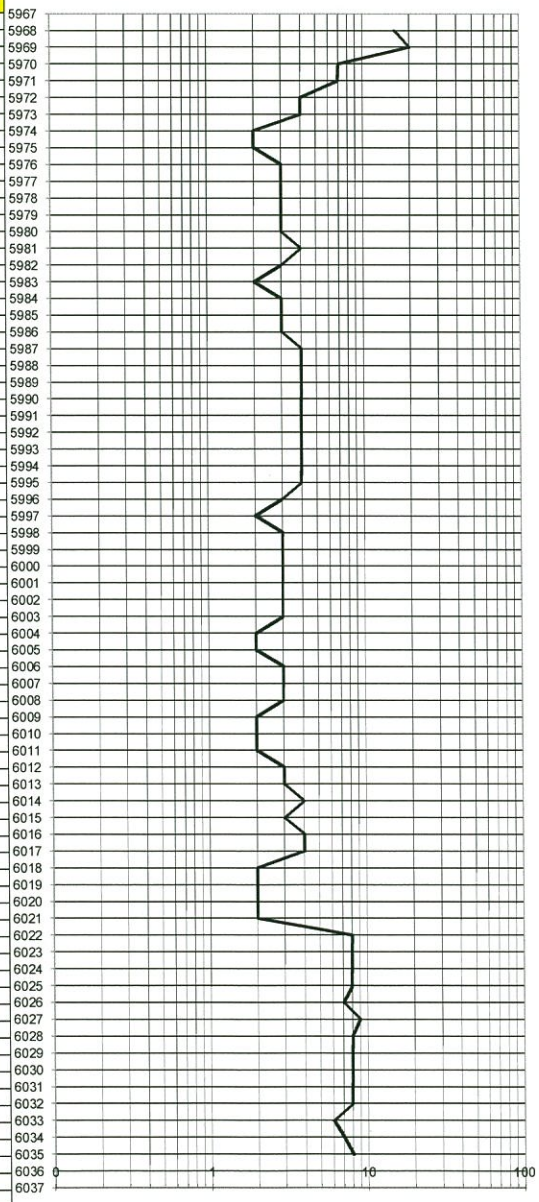
COMMENTS: ROP varied from 17-47 FPH
Coring without returns for all but 5 feet. Hole was sucked dry and sucked 3000' of drill pipe dry. Core is fractured from top to bottom. Connection at 6000' and 6032'
Pulled for lack of returns and to make sure we could make it back out of hole.

PERFORMANCE

Core No.	1
Start-	5,967
Finish-	6,035
Amount Cored	68
Core Recovery	61.5
% Recovery	90%
Coring Hours	17.8
ROP (ft/hr)	3.8
Reaming Hrs.	
Service Engineer:	Ray Barta, Robert Sanders
Date	3/28/2013
District	Houston
Job No.	5358573

NO. FEET CORED	INTERVAL	MIN. PER FOOT	WOB	RPM	GPM	TORQUE
0	5967			50	210	n/a
1	5968	16.00	3-5	50	210	n/a
2	5969	20.00	5	50	210	n/a
3	5970	7.00	5	50	210	n/a
4	5971	7.00	5	50	210	n/a
5	5972	4.00	5	50	210	n/a
6	5973	4.00	5	50	210	n/a
7	5974	2.00	5	50	210	n/a
8	5975	2.00	5	50	210	n/a
9	5976	3.00	7	50	210	n/a
10	5977	3.00	5	50	210	n/a
11	5978	3.00	5	50	210	n/a
12	5979	3.00	5	50	210	n/a
13	5980	3.00	5	50	210	n/a
14	5981	4.00	5	50	210	n/a
15	5982	3.00	5	50	210	n/a
16	5983	2.00	5	50	210	n/a
17	5984	3.00	5	50	210	n/a
18	5985	3.00	5	50	210	n/a
19	5986	3.00	5	50	210	n/a
20	5987	4.00	5	50	210	n/a
21	5988	4.00	6	50	210	n/a
22	5989	4.00	6	50	210	n/a
23	5990	4.00	6	50	210	n/a
24	5991	4.00	6	50	210	n/a
25	5992	4.00	6	50	210	n/a
26	5993	4.00	6	50	210	n/a
27	5994	4.00	6	50	210	n/a
28	5995	4.00	6	55	210	n/a
29	5996	3.00	6	55	210	n/a
30	5997	2.00	6	55	210	n/a
31	5998	3.00	6	55	210	n/a
32	5999	3.00	6	55	210	n/a
33	6000	3.00	6	55	210	n/a
34	6001	3.00	3-4	50	210	n/a
35	6002	3.00	5-6	55	210	n/a
36	6003	3.00	6	55	210	n/a
37	6004	2.00	6	55	210	n/a
38	6005	2.00	6	55	210	n/a
39	6006	3.00	6-7	55	210	n/a
40	6007	3.00	7	55	210	n/a
41	6008	3.00	5	55	210	n/a
42	6009	2.00	7	55	210	n/a
43	6010	2.00	6	55	210	n/a
44	6011	2.00	6	55	210	n/a
45	6012	3.00	6	55	210	n/a
46	6013	3.00	7	55	210	n/a
47	6014	4.00	7	55	210	n/a
48	6015	3.00	7	55	210	n/a
49	6016	4.00	7	55	210	n/a
50	6017	4.00	7	55	210	n/a
51	6018	2.00	7	55	210	n/a
52	6019	2.00	7	55	210	n/a
53	6020	2.00	7	55	210	n/a
54	6021	2.00	7	55	210	n/a
55	6022	8.00	7	55	210	n/a
56	6023	8.00	7	55	210	n/a
57	6024	8.00	7	55	210	n/a
58	6025	8.00	7	55	210	n/a
59	6026	7.00	7	55	210	n/a
60	6027	9.00	8	55	210	n/a
61	6028	8.00	8	55	210	n/a
62	6029	8.00	8	55	210	n/a
63	6030	8.00	8	55	210	n/a
64	6031	8.00	8	55	210	n/a
65	6032	8.00	8	55	210	n/a
66	6033	6.00	8	50	210	n/a
67	6034	7.00	8	50	210	n/a
68	6035	8.00	8	50	210	n/a
69	6036					
70	6037					
71	6038					

PENETRATION RATE MINUTES PER FOOT



CORING PARAMETERS

BAKER HUGHES INTEQ

WELL INFORMATION

Company	Comet Ridge Resources		
Contractor	Patterson 189		
Well Name & No.	Busygully 13-54-12-3	3-54-12-	
Field	Wildcat		
County/Area	Lincoln		
State/Country	Colorado		
Hole Size	7-7/8"		
Hole Angle	n/a		
Formation Name	Cherokee		
Lithology	Lime, shale		
Mud: Type	Dap Water Base	Wt.	8.7
Vis.	50	YP	7
PV	14	% LCM 10	WL 7

EQUIPMENT

Core Barrel Type	250 P Jambuster		
Size	7-7/8"x3-1/2"x120'	No.	172470904
Inner Tube Type	Aluminum		
Liner Type			
CB Stab. Size	7-13/16"	Type	PTA
Catcher Type	Conv. Spring		
Bit Style	406 Z	Size	7-7/8"x3-1/2"
Bit Serial No.	7122583	TFA	.89
Pump Pressure	1200/500		
Strokes	90/94		

COMMENTS:

Connections at 6068,6100 good break on first connection with 30k overpull

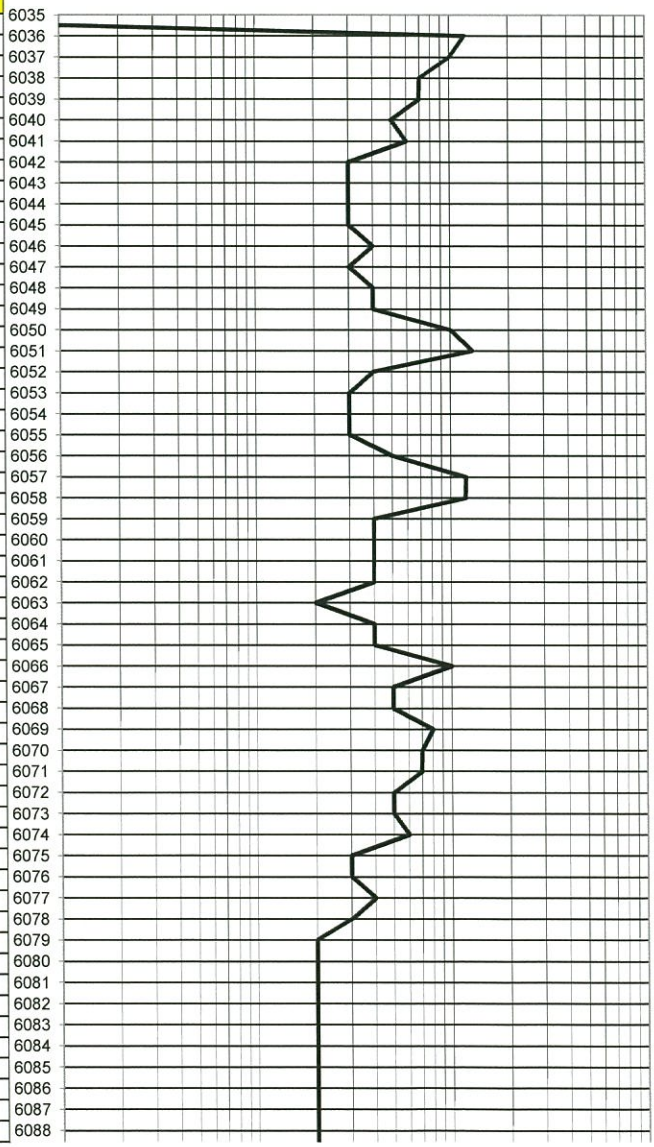
Barrel pulled for no ROP after 48 min with no progress

PERFORMANCE

Core No.	2
Start-	6,035
Finish-	6,110
Amount Cored	75
Core Recovery	75
% Recovery	100%
Coring Hours	6.5
ROP (ft/hr)	11.5
Reaming Hrs.	
Service Engineer:	
Date	3/30/2013
District	Houston
Job No.	5358573

NO. FEET CORED	INTERVAL	MIN. PER FOOT
0	6035	
1	6036	12.00
2	6037	10.00
3	6038	7.00
4	6039	7.00
5	6040	5.00
6	6041	6.00
7	6042	3.00
8	6043	3.00
9	6044	3.00
10	6045	3.00
11	6046	4.00
12	6047	3.00
13	6048	4.00
14	6049	4.00
15	6050	10.00
16	6051	13.00
17	6052	4.00
18	6053	3.00
19	6054	3.00
20	6055	3.00
21	6056	5.00
22	6057	12.00
23	6058	12.00
24	6059	4.00
25	6060	4.00
26	6061	4.00
27	6062	4.00
28	6063	2.00
29	6064	4.00
30	6065	4.00
31	6066	10.00
32	6067	5.00
33	6068	5.00
34	6069	8.00
35	6070	7.00
36	6071	7.00
37	6072	5.00
38	6073	5.00
39	6074	6.00
40	6075	3.00
41	6076	3.00
42	6077	4.00
43	6078	3.00
44	6079	2.00
45	6080	2.00
46	6081	2.00
47	6082	2.00
48	6083	2.00
49	6084	2.00
50	6085	2.00
51	6086	2.00
52	6087	2.00
53	6088	2.00

PENETRATION RATE MINUTES PER FOOT



CORING PARAMETERS

WOB	RPM	GPM	TORQUE
	50	210	n/a
3-5	50	210	n/a
5	55	210	n/a
6	55	210	n/a
6	55	210	n/a
7	55	210	n/a
7	55	210	n/a
7	55	210	n/a
7	55	210	n/a
7	55	210	n/a
7	55	210	n/a
8	55	210	n/a
8	55	210	n/a
8	55	210	n/a
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9	55	210	n/a
9	55	210	n/a
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10	55	210	n/a
10	55	210	n/a
4	55	210	n/a
5-6	55	210	n/a
6	55	210	n/a
6-7	55	210	n/a
7-8	55	210	n/a
8-9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
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5	55	210	n/a
5	55	210	n/a
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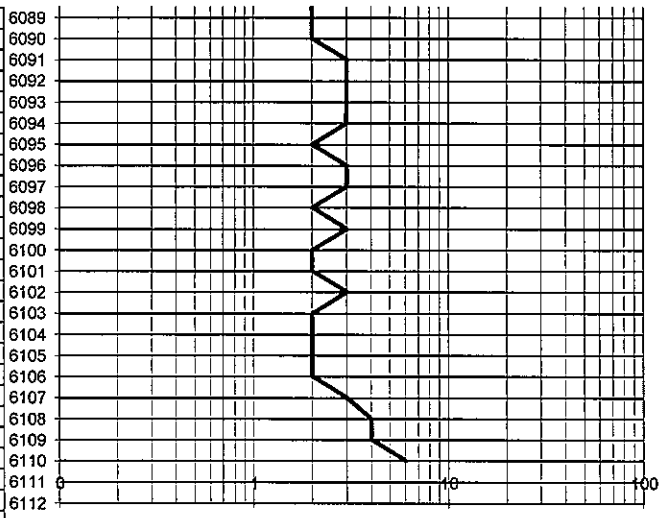
5	55	210	n/a
5	55	210	n/a
5	55	210	n/a
5	55	210	n/a
5	55	210	n/a

54	6089	2.00
55	6090	2.00
56	6091	3.00
57	6092	3.00
58	6093	3.00
59	6094	3.00
60	6095	2.00
61	6096	3.00
62	6097	3.00
63	6098	2.00
64	6099	3.00
65	6100	2.00
66	6101	2.00
67	6102	3.00
68	6103	2.00
69	6104	2.00
70	6105	2.00
71	6106	2.00
72	6107	3.00
73	6108	4.00
74	6109	4.00
75	6110	6.00
76	6111	
77	6112	
78	6113	
79	6114	
80	6115	
81	6116	



5	55	210	n/a
5	55	210	n/a
5	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
9	55	210	n/a
4	55	210	n/a
5	55	210	n/a
5	55	210	n/a
5	55	210	n/a
6	55	210	n/a
6	55	210	n/a
6	55	210	n/a
6	55	210	n/a
6	55	210	n/a
6-8	55	210	n/a
8-13	35-70	210	n/a

BAKER HUGHES INTEQ

BOTTOM HOLE ASSEMBLY

Company	Comet Ridge Resources	Date Run	3/27/2013
Well Name & No.	Busygully 13-54-12-3	Depth In	
County/Parish	Lincoln County	Depth Out	
Rig Contractor & No.	Patterson 189	Core #	**1 Run # 2**
Objective For Running BHA:	Jambuster Cut 120' of core		

Bit Mgf: HTC
Bit Type: 406 Z
Bit S/N 7122583
TFA: 0.89

Core Bbl. S/N 172470904

Description	Length	Total	OD	ID	Connection (Pin)	Connection (Box)	Fishing Neck	Serial No.
Core Bit	1.33	1.33	7-7/8"	3.5	250p	250p	.57	7122583
Stablizer	2.00	3.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	31.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	33.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	61.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	63.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	91.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	93.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	121.33	6-1/4"	5.25	250p	250p	n/a	172470904
LD Sub	3.92	125.25	6-1/4"	5.25	250p	250p	n/a	172470904
Top Sub	2.32	127.57	6-1/4"	3-1/4"	250p	4-1/2"FH	n/a	172470904
Float Sub	1.51	129.08	6-1/4"	2-1/4"	4-1/2"FH	4-1/2"XH	n/a	SD-6315
		129.08						
		129.08						
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		129.08						
		129.08						
		129.08						
		129.08						

TOTAL BHA: **129.08**

BAKER HUGHES INTEQ

BOTTOM HOLE ASSEMBLY

Company	Comet Ridge Resources	Date Run	3/29/2013
Well Name & No.	Busygully 13-54-12-3	Depth In	
County/Parish	Lincoln County	Depth Out	
Rig Contractor & No.	Patterson 189	Core #	**2**
Objective For Running BHA:	Jambuster Cut 90' of core		

Bit Mgf: HTC
Bit Type: 406 Z
Bit S/N 7122583
TFA: 0.89

Core Bbl. S/N 172470904

Description	Length	Total	OD	ID	Connection (Pin)	Connection (Box)	Fishing Neck	Serial No.
Core Bit	1.33	1.33	7-7/8"	3.5	250p	250p	.57	7122583
Stablizer	2.00	3.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	31.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	33.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	61.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	63.33	7-13/16"	5.25	250p	250p	.88	172470904
Barrel	28.00	91.33	6-1/4"	5.25	250p	250p	n/a	172470904
Stablizer	2.00	93.33	7-13/16"	5.25	250p	250p	.88	172470904
LD Sub	3.92	97.25	6-1/4"	5.25	250p	250p	n/a	172470904
Top Sub	2.32	99.57	6-1/4"	3-1/4"	250p	4-1/2"FH	n/a	172470904
Float Sub	1.51	101.08	6-1/4"	2-1/4"	4-1/2"FH	4-1/2"XH	n/a	SD-6315
		101.08						
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TOTAL BHA: **101.08**