



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



307-265-4685

FRAC POINT - WAREHOUSE ASSEMBLY DRAWING BOOK

Casing Size: 7"

Casing Grade: P-110

Casing Weight: 26#

Casing ID: 6.276"

Casing Drift: 6.151"

Open Hole Size: 6.125"

Liner Size: 4 1/2"

Liner Weight: 11.6#

Liner Grade: P-110

Liner Drift: 3.875"

Liner Thread: LTC

Tie-Back Casing Size:

Tie-Back Casing Weight:

Tie-Back Casing Thread:

Tie-Back Casing Drift:

Tie-Back Casing Grade:

Drift OD Used 3.875"

Tested (Air or Water) Air

Test Pressure (PSI) 130

RePACKERS

Swell - Oil/Water OIL

Mat. # H304070012

Thread Size: 4 1/2"

Thread Type: LTC

Thread Wt. 11.6#

Grade: P-110

FRAC SLEEVES

Mat. # CHECK STO

Thread Size: 4 1/2"

Thread Type: LTC

Thread Wt. 11.6#

Grade: P110

PSI Per Screw 381

Number of Screws 6

"P" SLEEVE

Mat. # H809-88-0001

Thread Size: 4 1/2"

Thread Type: LTC

Thread Wt. 11.6#

Grade: P-110

PSI Per Screw 805

Number of Screws 6

FLOAT EQUIPMENT

Thread Size: 4 1/2"

Thread Type: LTC

Thread Wt. 11.6#

Grade: P110



FracPoint Space Out Diagram

BILL BARRETT CORPORATION

WELL NUMBER:



Baker Oil Tools

Casing Information		
7" 26# P-110		
Burst=	9,960	psi
Collapse=	6,230	psi
Capacity=	0.03826	bbls/ft

Liner Information		
4-1/2" 11.60# HCP-110		
Burst=	10,690	psi
Collapse=	7,580	psi
Capacity=	0.01554	bbls/ft

Displacements	BBLS	GALS
Liner Top	197.69	8,303
3.500" SLV	218.10	9,160
3.375" SLV	221.00	9,282
3.250" SLV	224.57	9,432
3.125" SLV	228.14	9,582
3.000" SLV	231.05	9,704
2.875" SLV	234.62	9,854
2.750" SLV	238.19	10,004
2.625" SLV	241.76	10,154
2.500" SLV	244.66	10,276

Displacements	BBLS	GALS
2.375" SLV	248.23	10,426
2.250" SLV	251.74	10,573
2.125" SLV	254.65	10,695
2.000" SLV	258.20	10,844
1.875" SLV	261.76	10,994
1.750" SLV	265.32	11,143
1.625" SLV	268.21	11,265
1.500" SLV	271.71	11,412
"P" SLEEVE	275.14	11,556
BALL SEAT	275.82	11,584
Float Shoe	276.48	11,612

Length of Zone - FT			
Zone 1	220.95	Zone 10	229.61
Zone 2	228.43	Zone 11	229.62
Zone 3	229.40	Zone 12	417.02
Zone 4	186.46	Zone 13	229.24
Zone 5	228.91	Zone 14	229.83
Zone 6	2,229.14	Zone 15	187.15
Zone 7	-1,774.31	Zone 16	229.48
Zone 8	187.12	Zone 17	229.41
Zone 9	0.00	Zone 18	266.14

S-3 LINER TOP	TVD
5,166.97	5,865.16
Casing Shoe	KOP
6,272.00	5,270.00
0	

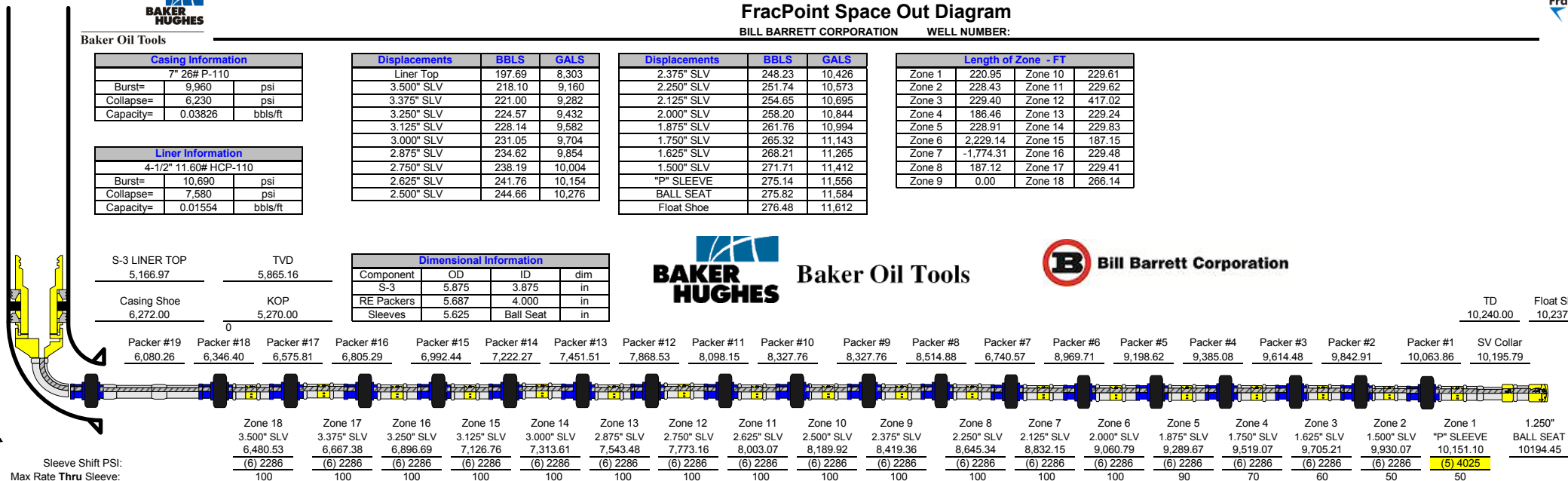
Dimensional Information			
Component	OD	ID	dim
S-3	5.875	3.875	in
RE Packers	5.687	4.000	in
Sleeves	5.625	Ball Seat	in



Baker Oil Tools



Bill Barrett Corporation



Sleeve Shift PSI:
Max Rate Thru Sleeve:
7.5.1-1F4 Frac-Point Space Out Diagram



JOB LOG

Total Operation Hours

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Baker Oil Tools

Page 1 of 2

Date: July 20, 2013

Operating Company: BILL BARRETT CORP Represented by: MIKE

Well Name & Number: EAST PLATTE 1-1H Lease: EAST PLATTE Field: WILDCAT State: COLORADO

SST# 5665739 BOT Rep: STEVEN DELACH Region/District CASPER WYOMING

DETAIL THE JOB - THIS FORM USED TO REPORT WHAT ACTUALLY TOOK PLACE - FILL OUT COMPLETELY

Date & Time	Operations & Remarks
7/18/13 21:20	ARRIVE ON LOCATION. MEET WITH CO-MAN AND GET WELL INFO
22:00	UNLOAD TOOLS FROM HOTSHOT AND INSPECT.
23:00	QAQC ALL TOOLS WITH CO-MAN PRESENT
7/19/13 0:10	BUILD TALLY
5:45	TALLY APPROVED, MARK PIPE ACORDINGLY.
8:45	PJSM WITH CASERS AND RIG CREW
9:00	MU SHOE TRACK, CHECK FLOATS. RIH AS PER TALLY FILLIN EVERY 25 JTS.
14:00	PU S-3 LINER HANGER. FILL PIPE AND CHECK PACKOFF FOR LEAKS.
14:30	RIH AS PER TALLY FILLING PIPE EVERY 20 STANDS.
17:00	TAG BOTTOM AND SPACEOUT 10' OFF BOTTOM. LINER TD 10240'. FILL PIPE AND START CIRCULATING. 44 SPM 800 PSI. WAIT ON CEMENTERS. 7742 TOTAL STKS PUMPED
21:05	START PUMPING 80 BBLS DIESEL, FOLLOWED BY 10 BBLS KCL. 3.5 BPM 900 PSI.
21:50	DROP (2) 1.25" G-10 FRAC BALLS. PUMP TO SEAT @ 3.6 BPM 900 PSI. SHUT DOWN WITH 124 BBLS SO NOT TO OVERDISPLACE DIESEL.
22:30	DROP 1.5" BRASS AND LET FALL FOR 30 MIN.
23:00	TRY TO PRESSURE UP FOR 25 MIN WITH KCL. 8 BBLS PUMPED.
23:30	BREAK SWAGE AND FING ALL THREE BALLS ON SCREEN. CALL BAKER AND BARRETT.
7/20/13 0:18	DROP 1.5" BRASS AND LET FALL FOR 30 MIN.
0:48	PRESSURE UP TO 2500 PSI AND HOLD. BEGIN 30-50-70 PUSH PULL FROM DP NEUTRAL.
1:12	BLEED DP. CLOSE PIPE RAMS AND TEST LINER TOP TO 3048 30 MIN. 130 PSI LOST.
1:50	RELEASE FROM LINER WITH 15 TURNS TO THE RIGHT AT 1400 FT/LBS. FREE AT 120K
2:00	PUMP 110 BBLS PER BBC TO CLEAN 7" ANULUS. 7 BPM. 1000 PSI

CUSTOMER SATISFACTION EVALUATION

This Section is completed by the Customer Representative upon completion of each job. Your comments are very important to us

Did BOT meet Job/Performance expectations? (Yes/No) _____ Would you use BOT again? (Yes/No) _____

Did BOT equipment arrive on time? (Yes/No) _____ Did BOT personnel arrive on time? (Yes/No) _____

HOW CAN BAKER OIL TOOLS IMPROVE?

Customer Representative Signature: _____

Date: _____

Baker Representative Signature: _____

Date: _____



Date: July 20, 2013

SST# 5665739 **BOT Rep:** STEVEN DELACH **Region/District** CASPER WYOMING

[illegible]



Baker Oil Tools

TALLY SHEET

CUSTOMER	Bill Barrett
WELL NAME	East Platte 1-1H
DATE	7/19/2013
SERVICE REP	Steve Delach

			OPENHOLE TD		10,250.00	COMMENTS:
Item #	Joint #	DESCRIPTION:	LENGTH:	ACC. LENGTH	DEPTH	
					10,240.00	
1	DVS	DV FLOAT SHOE	2.53	2.53	10,237.47	
2	1	4.5" 11.6# P-110 LT&C	40.62	43.15	10,196.85	1
3	SVC	SV FLOAT COLLAR	1.06	44.21	10,195.79	
4	BSS	SOLID BALL SEAT SUB - 1.250" BALL	1.34	45.55	10,194.45	
5	2	4.5" 11.6# P-110 LT&C	40.65	86.20	10,153.80	1
6	S1	P Sleeve	2.70	88.90	10,151.10	
7	3	4.5" 11.6# P-110 LT&C	40.28	129.18	10,110.82	1
8	4	4.5" 11.6# P-110 LT&C	40.71	169.89	10,070.11	2
9	X	PUP 4.5" 11.6# P-110 LTC	2.41	172.30	10,067.70	
10	P1	RE PACKER #1	7.69	179.99	10,060.01	CENTER OF PACKER: 10,063.86
11	X	PUP 4.5" 11.6# P-110 LTC	4.00	183.99	10,056.01	
12	5	4.5" 11.6# P-110 LT&C	42.69	226.68	10,013.32	1
13	6	4.5" 11.6# P-110 LT&C	40.31	266.99	9,973.01	2
14	7	4.5" 11.6# P-110 LT&C	40.53	307.52	9,932.48	3
15	S2	1.500" FRAC-SLEEVE	2.41	309.93	9,930.07	
16	8	4.5" 11.6# P-110 LT&C	40.41	350.34	9,889.66	1
17	9	4.5" 11.6# P-110 LT&C	40.51	390.85	9,849.15	2
18	X	PUP 4.5" 11.6# P-110 LTC	2.40	393.25	9,846.75	
19	P2	RE PACKER #2	7.68	400.93	9,839.07	CENTER OF PACKER: 9,842.91
20	X	PUP 4.5" 11.6# P-110 LTC	4.03	404.96	9,835.04	
21	10	4.5" 11.6# P-110 LT&C	42.13	447.09	9,792.91	1
22	11	4.5" 11.6# P-110 LT&C	42.58	489.67	9,750.33	2
23	12	4.5" 11.6# P-110 LT&C	42.71	532.38	9,707.62	3
24	S3	1.625" FRAC-SLEEVE	2.41	534.79	9,705.21	
25	13	4.5" 11.6# P-110 LT&C	42.54	577.33	9,662.67	1
26	14	4.5" 11.6# P-110 LT&C	41.95	619.28	9,620.72	2
27	X	PUP 4.5" 11.6# P-110 LTC	2.40	621.68	9,618.32	
28	P3	RE PACKER #3	7.68	629.36	9,610.64	CENTER OF PACKER: 9,614.48
29	X	PUP 4.5" 11.6# P-110 LTC	4.01	633.37	9,606.63	
30	15	4.5" 11.6# P-110 LT&C	42.60	675.97	9,564.03	1
31	16	4.5" 11.6# P-110 LT&C	42.55	718.52	9,521.48	2
32	S4	1.750" FRAC-SLEEVE	2.41	720.93	9,519.07	
33	17	4.5" 11.6# P-110 LT&C	42.51	763.44	9,476.56	1
34	18	4.5" 11.6# P-110 LT&C	42.62	806.06	9,433.94	2
35	19	4.5" 11.6# P-110 LT&C	42.62	848.68	9,391.32	3
36	X	PUP 4.5" 11.6# P-110 LTC	2.40	851.08	9,388.92	
37	P4	RE PACKER #4	7.68	858.76	9,381.24	CENTER OF PACKER: 9,385.08
38	X	PUP 4.5" 11.6# P-110 LTC	4.00	862.76	9,377.24	
39	20	4.5" 11.6# P-110 LT&C	42.53	905.29	9,334.71	1
40	21	4.5" 11.6# P-110 LT&C	42.63	947.92	9,292.08	2
41	S5	1.875" FRAC-SLEEVE	2.41	950.33	9,289.67	
42	22	4.5" 11.6# P-110 LT&C	42.10	992.43	9,247.57	1
43	23	4.5" 11.6# P-110 LT&C	42.70	1,035.13	9,204.87	2
44	X	PUP 4.5" 11.6# P-110 LTC	2.41	1,037.54	9,202.46	
45	P5	RE PACKER #5	7.68	1,045.22	9,194.78	CENTER OF PACKER: 9,198.62
46	X	PUP 4.5" 11.6# P-110 LTC	4.01	1,049.23	9,190.77	
47	24	4.5" 11.6# P-110 LT&C	42.53	1,091.76	9,148.24	1
48	25	4.5" 11.6# P-110 LT&C	42.55	1,134.31	9,105.69	2
49	26	4.5" 11.6# P-110 LT&C	42.49	1,176.80	9,063.20	3
50	S6	2.000" FRAC-SLEEVE	2.41	1,179.21	9,060.79	
51	27	4.5" 11.6# P-110 LT&C	42.24	1,221.45	9,018.55	1
52	28	4.5" 11.6# P-110 LT&C	42.58	1,264.03	8,975.97	2
53	X	PUP 4.5" 11.6# P-110 LTC	2.42	1,266.45	8,973.55	
54	P6	REPACKER #6	7.68	1,274.13	8,965.87	CENTER OF PACKER: 8,969.71
55	X	PUP 4.5" 11.6# P-110 LTC	4.01	1,278.14	8,961.86	
56	29	4.5" 11.6# P-110 LT&C	42.55	1,320.69	8,919.31	1
57	30	4.5" 11.6# P-110 LT&C	42.49	1,363.18	8,876.82	2
58	31	4.5" 11.6# P-110 LT&C	42.26	1,405.44	8,834.56	3
59	S7	2.125" FRAC-SLEEVE	2.41	1,407.85	8,832.15	



Baker Oil Tools

TALLY SHEET

CUSTOMER	Bill Barrett
WELL NAME	East Platte 1-1H
DATE	7/19/2013
SERVICE REP	Steve Delach

			OPENHOLE TD		10,250.00	COMMENTS:
Item #	Joint #	DESCRIPTION:	LENGTH:	ACC. LENGTH	DEPTH	
					10,240.00	
60	32	4.5" 11.6# P-110 LT&C	42.74	1,450.59	8,789.41	1
61	33	4.5" 11.6# P-110 LT&C	42.57	1,493.16	8,746.84	2
62	X	PUP 4.5" 11.6# P-110 LTC	2.43	1,495.59	8,744.41	
63	P7	RE PACKER #7	7.68	1,503.27	8,736.73	CENTER OF PACKER: 8,740.57
64	X	PUP 4.5" 11.6# P-110 LTC	4.00	1,507.27	8,732.73	
65	34	4.5" 11.6# P-110 LT&C	42.33	1,549.60	8,690.40	1
66	35	4.5" 11.6# P-110 LT&C	42.65	1,592.25	8,647.75	2
67	S8	2.250" FRAC-SLEEVE	2.41	1,594.66	8,645.34	
68	36	4.5" 11.6# P-110 LT&C	42.32	1,636.98	8,603.02	1
69	37	4.5" 11.6# P-110 LT&C	39.02	1,676.00	8,564.00	2
70	38	4.5" 11.6# P-110 LT&C	42.86	1,718.86	8,521.14	3
71	X	PUP 4.5" 11.6# P-110 LTC	2.42	1,721.28	8,518.72	
72	P8	RE PACKER #8	7.68	1,728.96	8,511.04	CENTER OF PACKER: 8,514.88
73	X	PUP 4.5" 11.6# P-110 LTC	4.01	1,732.97	8,507.03	
74	39	4.5" 11.6# P-110 LT&C	42.70	1,775.67	8,464.33	1
75	40	4.5" 11.6# P-110 LT&C	42.56	1,818.23	8,421.77	2
76	S9	2.375" FRAC-SLEEVE	2.41	1,820.64	8,419.36	
77	41	4.5" 11.6# P-110 LT&C	42.79	1,863.43	8,376.57	1
78	42	4.5" 11.6# P-110 LT&C	42.56	1,905.99	8,334.01	2
79	X	PUP 4.5" 11.6# P-110 LTC	2.42	1,908.41	8,331.59	
80	P9	RE PACKER #9	7.67	1,916.08	8,323.92	CENTER OF PACKER: 8,327.76
81	X	PUP 4.5" 11.6# P-110 LTC	4.02	1,920.10	8,319.90	
82	43	4.5" 11.6# P-110 LT&C	42.41	1,962.51	8,277.49	1
83	44	4.5" 11.6# P-110 LT&C	42.82	2,005.33	8,234.67	2
84	45	4.5" 11.6# P-110 LT&C	42.34	2,047.67	8,192.33	3
85	S10	2.500" FRAC-SLEEVE	2.41	2,050.08	8,189.92	
86	46	4.5" 11.6# P-110 LT&C	42.66	2,092.74	8,147.26	1
87	47	4.5" 11.6# P-110 LT&C	42.85	2,135.59	8,104.41	2
88	X	PUP 4.5" 11.6# P-110 LTC	2.42	2,138.01	8,101.99	
89	P10	RE PACKER #10	7.68	2,145.69	8,094.31	CENTER OF PACKER: 8,098.15
90	X	PUP 4.5" 11.6# P-110 LTC	4.00	2,149.69	8,090.31	
91	48	4.5" 11.6# P-110 LT&C	42.28	2,191.97	8,048.03	1
92	49	4.5" 11.6# P-110 LT&C	42.55	2,234.52	8,005.48	2
93	S11	2.625" FRAC-SLEEVE	2.41	2,236.93	8,003.07	
94	50	4.5" 11.6# P-110 LT&C	42.77	2,279.70	7,960.30	1
95	51	4.5" 11.6# P-110 LT&C	42.66	2,322.36	7,917.64	2
96	52	4.5" 11.6# P-110 LT&C	42.87	2,365.23	7,874.77	3
97	X	PUP 4.5" 11.6# P-110 LTC	2.41	2,367.64	7,872.36	
98	P11	RE PACKER #11	7.65	2,375.29	7,864.71	CENTER OF PACKER: 7,868.53
99	X	PUP 4.5" 11.6# P-110 LTC	4.04	2,379.33	7,860.67	
100	53	4.5" 11.6# P-110 LT&C	42.58	2,421.91	7,818.09	1
101	54	4.5" 11.6# P-110 LT&C	42.52	2,464.43	7,775.57	2
102	S12	2.750" FRAC-SLEEVE	2.41	2,466.84	7,773.16	
103	55	4.5" 11.6# P-110 LT&C	42.80	2,509.64	7,730.36	1
104	56	4.5" 11.6# P-110 LT&C	42.56	2,552.20	7,687.80	2
105	X	PUP 4.5" 11.6# P-110 LTC	2.42	2,554.62	7,685.38	
106	P12	RE PACKER #12	7.68	2,562.30	7,677.70	CENTER OF PACKER: 7,681.54
107	X	PUP 4.5" 11.6# P-110 LTC	4.01	2,566.31	7,673.69	
108	57	4.5" 11.6# P-110 LT&C	42.71	2,609.02	7,630.98	1
109	58	4.5" 11.6# P-110 LT&C	42.63	2,651.65	7,588.35	2
110	59	4.5" 11.6# P-110 LT&C	42.46	2,694.11	7,545.89	3
111	S13	2.875" FRAC-SLEEVE	2.41	2,696.52	7,543.48	
112	60	4.5" 11.6# P-110 LT&C	42.70	2,739.22	7,500.78	1
113	61	4.5" 11.6# P-110 LT&C	43.00	2,782.22	7,457.78	2
114	X	PUP 4.5" 11.6# P-110 LTC	2.43	2,784.65	7,455.35	
115	P13	RE PACKER #13	7.68	2,792.33	7,447.67	CENTER OF PACKER: 7,451.51
116	X	PUP 4.5" 11.6# P-110 LTC	4.00	2,796.33	7,443.67	
117	62	4.5" 11.6# P-110 LT&C	42.59	2,838.92	7,401.08	1
118	63	4.5" 11.6# P-110 LT&C	42.74	2,881.66	7,358.34	2



Baker Oil Tools

TALLY SHEET

CUSTOMER

Bill Barrett

WELL NAME

East Platte 1-1H

DATE

7/19/2013

SERVICE REP

Steve Delach

OPENHOLE TD

10,250.00

Item #	Joint #	DESCRIPTION:	LENGTH:	ACC. LENGTH	DEPTH	COMMENTS:
					10,240.00	
119	64	4.5" 11.6# P-110 LT&C	42.32	2,923.98	7,316.02	3
120	S14	3.000" FRAC-SLEEVE	2.41	2,926.39	7,313.61	
121	65	4.5" 11.6# P-110 LT&C	42.49	2,968.88	7,271.12	1
122	66	4.5" 11.6# P-110 LT&C	42.59	3,011.47	7,228.53	2
123	X	PUP 4.5" 11.6# P-110 LTC	2.42	3,013.89	7,226.11	
124	P14	RE PACKER #14	7.67	3,021.56	7,218.44	CENTER OF PACKER: 7,222.27
125	X	PUP 4.5" 11.6# P-110 LTC	4.01	3,025.57	7,214.43	
126	67	4.5" 11.6# P-110 LT&C	42.80	3,068.37	7,171.63	1
127	68	4.5" 11.6# P-110 LT&C	42.46	3,110.83	7,129.17	2
128	S15	3.125" FRAC-SLEEVE	2.41	3,113.24	7,126.76	
129	69	4.5" 11.6# P-110 LT&C	42.64	3,155.88	7,084.12	1
130	70	4.5" 11.6# P-110 LT&C	42.77	3,198.65	7,041.35	2
131	71	4.5" 11.6# P-110 LT&C	42.65	3,241.30	6,998.70	3
132	X	PUP 4.5" 11.6# P-110 LTC	2.42	3,243.72	6,996.28	
133	P15	RE PACKER #15	7.68	3,251.40	6,988.60	CENTER OF PACKER: 6,992.44
134	X	PUP 4.5" 11.6# P-110 LTC	4.01	3,255.41	6,984.59	
135	72	4.5" 11.6# P-110 LT&C	42.92	3,298.33	6,941.67	1
136	73	4.5" 11.6# P-110 LT&C	42.57	3,340.90	6,899.10	2
137	S16	3.250" FRAC-SLEEVE	2.41	3,343.31	6,896.69	
138	74	4.5" 11.6# P-110 LT&C	42.49	3,385.80	6,854.20	1
139	75	4.5" 11.6# P-110 LT&C	42.64	3,428.44	6,811.56	2
140	X	PUP 4.5" 11.6# P-110 LTC	2.42	3,430.86	6,809.14	
141	P16	RE PACKER #16	7.69	3,438.55	6,801.45	CENTER OF PACKER: 6,805.29
142	X	PUP 4.5" 11.6# P-110 LTC	4.00	3,442.55	6,797.45	
143	76	4.5" 11.6# P-110 LT&C	42.59	3,485.14	6,754.86	1
144	77	4.5" 11.6# P-110 LT&C	42.58	3,527.72	6,712.28	2
145	78	4.5" 11.6# P-110 LT&C	42.49	3,570.21	6,669.79	3
146	S17	3.375" FRAC-SLEEVE	2.41	3,572.62	6,667.38	
147	79	4.5" 11.6# P-110 LT&C	42.57	3,615.19	6,624.81	1
148	80	4.5" 11.6# P-110 LT&C	42.74	3,657.93	6,582.07	2
149	X	PUP 4.5" 11.6# P-110 LTC	2.42	3,660.35	6,579.65	
150	P17	RE PACKER #17	7.68	3,668.03	6,571.97	CENTER OF PACKER: 6,575.81
151	X	PUP 4.5" 11.6# P-110 LTC	4.01	3,672.04	6,567.96	
152	81	4.5" 11.6# P-110 LT&C	42.45	3,714.49	6,525.51	1
153	82	4.5" 11.6# P-110 LT&C	42.57	3,757.06	6,482.94	2
154	S18	3.500" FRAC-SLEEVE	2.41	3,759.47	6,480.53	
155	83	4.5" 11.6# P-110 LT&C	42.62	3,802.09	6,437.91	1
156	84	4.5" 11.6# P-110 LT&C	42.60	3,844.69	6,395.31	2
157	85	4.5" 11.6# P-110 LT&C	42.65	3,887.34	6,352.66	3
158	X	PUP 4.5" 11.6# P-110 LTC	2.42	3,889.76	6,350.24	
159	P18	RE PACKER #18	7.68	3,897.44	6,342.56	CENTER OF PACKER: 6,346.40
160	X	PUP 4.5" 11.6# P-110 LTC	4.02	3,901.46	6,338.54	
161	86	4.5" 11.6# P-110 LT&C	42.62	3,944.08	6,295.92	1
162	87	4.5" 11.6# P-110 LT&C	42.68	3,986.76	6,253.24	Shoe @ 6272'
163	88	4.5" 11.6# P-110 LT&C	42.45	4,029.21	6,210.79	3
164	89	4.5" 11.6# P-110 LT&C	38.90	4,068.11	6,171.89	4
165	90	4.5" 11.6# P-110 LT&C	42.60	4,110.71	6,129.29	5
166	91	4.5" 11.6# P-110 LT&C	42.77	4,153.48	6,086.52	6
167	X	PUP 4.5" 11.6# P-110 LTC	2.41	4,155.89	6,084.11	
168	P19	RE PACKER #19	7.69	4,163.58	6,076.42	CENTER OF PACKER: 6,080.26
169	X	PUP 4.5" 11.6# P-110 LTC	4.00	4,167.58	6,072.42	
170	92	4.5" 11.6# P-110 LT&C	39.36	4,206.94	6,033.06	
171	93	4.5" 11.6# P-110 LT&C	42.72	4,249.66	5,990.34	
172	94	4.5" 11.6# P-110 LT&C	42.56	4,292.22	5,947.78	
173	95	4.5" 11.6# P-110 LT&C	42.65	4,334.87	5,905.13	
174	96	4.5" 11.6# P-110 LT&C	42.39	4,377.26	5,862.74	
175	97	4.5" 11.6# P-110 LT&C	42.57	4,419.83	5,820.17	
176	98	4.5" 11.6# P-110 LT&C	42.52	4,462.35	5,777.65	
177	99	4.5" 11.6# P-110 LT&C	42.65	4,505.00	5,735.00	



Baker Oil Tools

TALLY SHEET

CUSTOMER	Bill Barrett
WELL NAME	East Platte 1-1H
DATE	7/19/2013
SERVICE REP	Steve Delach

Item #	Joint #	DESCRIPTION:	LENGTH:	ACC. LENGTH	OPENHOLE TD	COMMENTS:
					10,250.00 10,240.00	
178	100	4.5" 11.6# P-110 LT&C	42.45	4,547.45	5,692.55	
179	101	4.5" 11.6# P-110 LT&C	42.64	4,590.09	5,649.91	
180	102	4.5" 11.6# P-110 LT&C	41.89	4,631.98	5,608.02	
181	103	4.5" 11.6# P-110 LT&C	42.50	4,674.48	5,565.52	
182	104	4.5" 11.6# P-110 LT&C	42.69	4,717.17	5,522.83	
183	105	4.5" 11.6# P-110 LT&C	42.57	4,759.74	5,480.26	
184	106	4.5" 11.6# P-110 LT&C	42.60	4,802.34	5,437.66	
185	107	4.5" 11.6# P-110 LT&C	42.51	4,844.85	5,395.15	
186	108	4.5" 11.6# P-110 LT&C	42.45	4,887.30	5,352.70	
187	109	4.5" 11.6# P-110 LT&C	42.34	4,929.64	5,310.36	
188	110	4.5" 11.6# P-110 LT&C	42.50	4,972.14	5,267.86	KOP @ 5270'
189	111	4.5" 11.6# P-110 LT&C	42.52	5,014.66	5,225.34	
190	112	4.5" 11.6# P-110 LT&C	42.28	5,056.94	5,183.06	
191	PUP	4.5" 11.6# PUP LTC	5.46	5,062.40	5,177.60	
192	XOVER	LOWER PBR XOVER	2.00	5,064.40	5,175.60	
193	S3	S-3 CASING PACKER	4.63	5,069.03	5,170.97	
194	RC	RC SETTING SLEEVE	4.00	5,073.03	5,166.97	LINER TOP @ 5166.97'
195	SU	SETTING TOOL	10.59	5,083.62	5,156.38	
196	XX	3.5" IF BUMPER SUB	10.58	5,094.20	5,145.80	18" STROKE
197	PUP	3.5" IF DP PUP	7.85	5,102.05	5,137.95	
198	X/O	3.5" IF PIN x P TECH 39 BOX		5,102.05	5,137.95	
199	x	4" 28# P-TECH 39 HWDP	30.72	5,132.77	5,107.23	
200	xx	4" 28# P-TECH 39 HWDP	30.72	5,163.49	5,076.51	
201	1	4" 28# P-TECH 39 HWDP	30.65	5,194.14	5,045.86	
202	x	4" 28# P-TECH 39 HWDP	30.62	5,224.76	5,015.24	
203	xx	4" 28# P-TECH 39 HWDP	30.72	5,255.48	4,984.52	
204	2	4" 28# P-TECH 39 HWDP	30.70	5,286.18	4,953.82	
205	x	4" 28# P-TECH 39 HWDP	30.71	5,316.89	4,923.11	
206	xx	4" 28# P-TECH 39 HWDP	30.71	5,347.60	4,892.40	
207	3	4" 28# P-TECH 39 HWDP	30.70	5,378.30	4,861.70	
208	x	4" 28# P-TECH 39 HWDP	30.74	5,409.04	4,830.96	
209	xx	4" 28# P-TECH 39 HWDP	30.73	5,439.77	4,800.23	
210	4	4" 28# P-TECH 39 HWDP	30.64	5,470.41	4,769.59	
211	x	4" 28# P-TECH 39 HWDP	30.72	5,501.13	4,738.87	
212	xx	4" 28# P-TECH 39 HWDP	30.70	5,531.83	4,708.17	
213	5	4" 28# P-TECH 39 HWDP	30.74	5,562.57	4,677.43	
214	x	4" 28# P-TECH 39 HWDP	30.73	5,593.30	4,646.70	
215	xx	4" 28# P-TECH 39 HWDP	30.72	5,624.02	4,615.98	
216	6	4" 28# P-TECH 39 HWDP	30.73	5,654.75	4,585.25	
217	x	4" 28# P-TECH 39 HWDP	30.68	5,685.43	4,554.57	
218	xx	4" 28# P-TECH 39 HWDP	30.73	5,716.16	4,523.84	
219	7	4" 28# P-TECH 39 HWDP	30.72	5,746.88	4,493.12	
220	x	4" 28# P-TECH 39 HWDP	30.72	5,777.60	4,462.40	
221	xx	4" 28# P-TECH 39 HWDP	30.72	5,808.32	4,431.68	
222	8	4" 28# P-TECH 39 HWDP	30.69	5,839.01	4,400.99	
223	x	4" 28# P-TECH 39 HWDP	30.74	5,869.75	4,370.25	
224	xx	4" 28# P-TECH 39 HWDP	30.72	5,900.47	4,339.53	
225	9	4" 28# P-TECH 39 HWDP	30.74	5,931.21	4,308.79	
226	x	4" 28# P-TECH 39 HWDP	30.77	5,961.98	4,278.02	
227	xx	4" 28# P-TECH 39 HWDP	30.72	5,992.70	4,247.30	
228	10	4" 28# P-TECH 39 HWDP	30.74	6,023.44	4,216.56	
229	x	4" 28# P-TECH 39 HWDP	30.73	6,054.17	4,185.83	
230	xx	4" 28# P-TECH 39 HWDP	30.70	6,084.87	4,155.13	
231	11	4" 28# P-TECH 39 HWDP	30.70	6,115.57	4,124.43	
232	x	4" 28# P-TECH 39 HWDP	30.35	6,145.92	4,094.08	
233	xx	4" 28# P-TECH 39 HWDP	30.79	6,176.71	4,063.29	
234	12	4" 28# P-TECH 39 HWDP	30.74	6,207.45	4,032.55	
235	x	4" 28# P-TECH 39 HWDP	30.73	6,238.18	4,001.82	
236	xx	4" 28# P-TECH 39 HWDP	30.79	6,268.97	3,971.03	



Baker Oil Tools

TALLY SHEET

CUSTOMER

Bill Barrett

WELL NAME

East Platte 1-1H

DATE

7/19/2013

SERVICE REP

Steve Delach

OPENHOLE TD

10,250.00

Item #	Joint #	DESCRIPTION:	LENGTH:	ACC. LENGTH	DEPTH	COMMENTS:
					10,240.00	
237	13	4" 28# P-TECH 39 HWDP	30.78	6,299.75	3,940.25	
238	x	4" 28# P-TECH 39 HWDP	30.78	6,330.53	3,909.47	
239	xx	4" 28# P-TECH 39 HWDP	30.71	6,361.24	3,878.76	
240	14	4" 28# P-TECH 39 HWDP	30.94	6,392.18	3,847.82	
241	x	4" 28# P-TECH 39 HWDP	30.76	6,422.94	3,817.06	
242	xx	4" 28# P-TECH 39 HWDP	30.78	6,453.72	3,786.28	
243	15	4" 28# P-TECH 39 HWDP	30.57	6,484.29	3,755.71	
244	1	STAND 4" 14# P-TECH 39 DP	94.51	6,578.80	3,661.20	
245	2	STAND 4" 14# P-TECH 39 DP	94.51	6,673.31	3,566.69	
246	3	STAND 4" 14# P-TECH 39 DP	94.51	6,767.82	3,472.18	
247	4	STAND 4" 14# P-TECH 39 DP	94.51	6,862.33	3,377.67	
248	5	STAND 4" 14# P-TECH 39 DP	94.51	6,956.84	3,283.16	
249	6	STAND 4" 14# P-TECH 39 DP	94.51	7,051.35	3,188.65	
250	7	STAND 4" 14# P-TECH 39 DP	94.51	7,145.86	3,094.14	
251	8	STAND 4" 14# P-TECH 39 DP	94.51	7,240.37	2,999.63	
252	9	STAND 4" 14# P-TECH 39 DP	94.51	7,334.88	2,905.12	
253	10	STAND 4" 14# P-TECH 39 DP	94.51	7,429.39	2,810.61	
254	11	STAND 4" 14# P-TECH 39 DP	94.51	7,523.90	2,716.10	
255	12	STAND 4" 14# P-TECH 39 DP	94.51	7,618.41	2,621.59	
256	13	STAND 4" 14# P-TECH 39 DP	94.51	7,712.92	2,527.08	
257	14	STAND 4" 14# P-TECH 39 DP	94.51	7,807.43	2,432.57	
258	15	STAND 4" 14# P-TECH 39 DP	94.51	7,901.94	2,338.06	
259	16	STAND 4" 14# P-TECH 39 DP	94.51	7,996.45	2,243.55	
260	17	STAND 4" 14# P-TECH 39 DP	94.51	8,090.96	2,149.04	
261	18	STAND 4" 14# P-TECH 39 DP	94.51	8,185.47	2,054.53	
262	19	STAND 4" 14# P-TECH 39 DP	94.51	8,279.98	1,960.02	
263	20	STAND 4" 14# P-TECH 39 DP	94.51	8,374.49	1,865.51	
264	21	STAND 4" 14# P-TECH 39 DP	94.51	8,469.00	1,771.00	
265	22	STAND 4" 14# P-TECH 39 DP	94.51	8,563.51	1,676.49	
266	23	STAND 4" 14# P-TECH 39 DP	94.51	8,658.02	1,581.98	
267	24	STAND 4" 14# P-TECH 39 DP	94.51	8,752.53	1,487.47	
268	25	STAND 4" 14# P-TECH 39 DP	94.51	8,847.04	1,392.96	
269	26	STAND 4" 14# P-TECH 39 DP	94.51	8,941.55	1,298.45	
270	27	STAND 4" 14# P-TECH 39 DP	94.51	9,036.06	1,203.94	
271	28	STAND 4" 14# P-TECH 39 DP	94.51	9,130.57	1,109.43	
272	29	STAND 4" 14# P-TECH 39 DP	94.51	9,225.08	1,014.92	
273	30	STAND 4" 14# P-TECH 39 DP	94.51	9,319.59	920.41	
274	31	STAND 4" 14# P-TECH 39 DP	94.51	9,414.10	825.90	
275	32	STAND 4" 14# P-TECH 39 DP	94.51	9,508.61	731.39	
276	33	STAND 4" 14# P-TECH 39 DP	94.51	9,603.12	636.88	
277	34	STAND 4" 14# P-TECH 39 DP	94.51	9,697.63	542.37	
278	35	STAND 4" 14# P-TECH 39 DP	94.51	9,792.14	447.86	
279	36	STAND 4" 14# P-TECH 39 DP	94.51	9,886.65	353.35	
280	37	STAND 4" 14# P-TECH 39 DP	94.51	9,981.16	258.84	
281	38	STAND 4" 14# P-TECH 39 DP	94.51	10,075.67	164.33	
282	X	JT 4" 14# P-TECH 39 DP	31.50	10,107.17	132.83	
283	XX	JT 4" 14# P-TECH 39 DP	31.50	10,138.67	101.33	
284	39	JT 4" 14# P-TECH 39 DP	31.50	10,170.17	69.83	
285	X	JT 4" 14# P-TECH 39 DP	31.50	10,201.67	38.33	
286	XX	JT 4" 14# P-TECH 39 DP	31.50	10,233.17	6.83	
287	40	JT 4" 14# P-TECH 39 DP	31.50	10,264.67	(24.67)	



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013

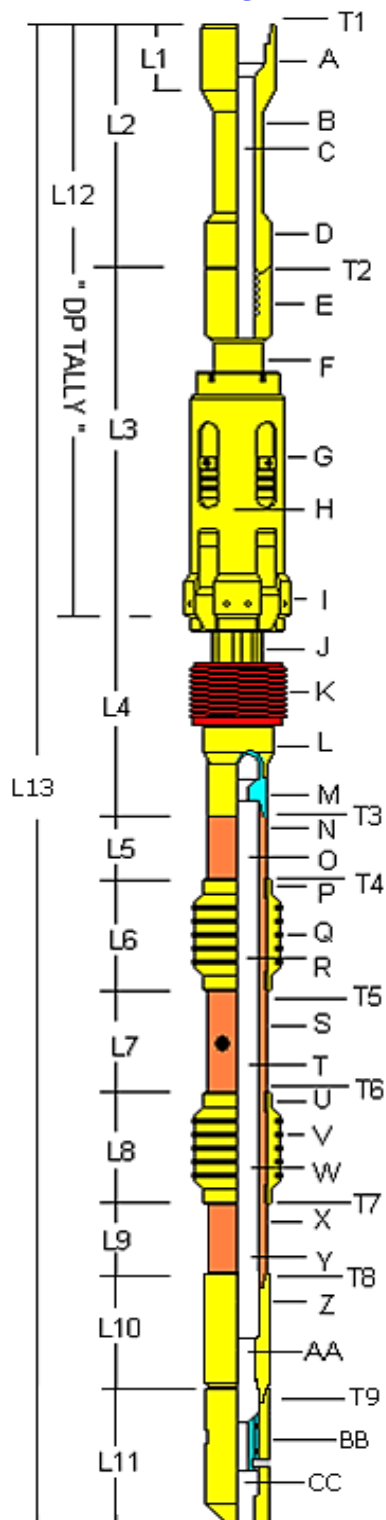


307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

"RH SPECIAL FN" SETTING TOOL WITH PBR PACKOFFS & BALL SEAT



OD / ID		LENGTHS	
A (in)	4.812	L1 (ft)	1.67
B (in)	3.500	L2 (ft)	7.67
C (in)	2.531	L3 (ft)	2.81
D (in)	4.750	L4 (ft)	1.29
E (in)	4.750	L5 (ft)	0.27
F (in)	5.250	L6 (ft)	1.00
G (in)	4.937	L7 (ft)	6.47
H (in)	2.000	L8 (ft)	1.33
I (in)	5.687	L9 (ft)	5.59
J (in)	3.000	L10 (ft)	0.71
K (in)	5.125	L11 (ft)	0.79
L (in)	3.812	L12 (ft)	10.59
M (in)	3.500	L13 (ft)	28.03
N (in)	3.125	THREADS	
O (in)	2.031		
P (in)	5.750	T1 - Size/Type	3.5 / IF
Q (in)	4.031	T1 - Torque	10850
R (in)	2.000	T2 - Size/Type	3.5 / IF
S (in)	3.093	T2 - Torque	10850
T (in)	1.937	T3 - Size/Type	2.375" 8rd
U (in)	3.250	T3 - Torque	2270
V (in)	3.843	T4 - Size/Type	2.375" 8rd
W (in)	2.000	T4 - Torque	2270
X (in)	2.375	T5 - Size/Type	2.375" 8rd
Y (in)	1.937	T5 - Torque	2270
Z (in)	3.062	T6 - Size/Type	2.375" 8rd
AA (in)	1.625	T6 - Torque	2270
BB (in)	3.062	T7 - Size/Type	2.375" 8rd
CC (in)	1.375	T7 - Torque	2270
DRIFT		T8 - Size/Type	2.375" 8rd
F-SUB INFO (Brass +/- 15%)		T8 - Torque	2270
Box Thread	NA	T9 - Size/Type	2.375" 8rd
Pin Thread	NA	T9 - Torque	2270
OD (in)	NA		
ID (in)	NA		
Length (ft)	NA		
# Pins	9		
PSI / PIN	424		
Shear PSI	3816		

TOP X-OVER INFO

Box Thread	NA
Pin Thread	NA
OD (in)	NA
ID (in)	NA
Length (ft)	NA

DESCRIPTION

DESCRIPTION	MATERIAL #	SERIAL #
8' Lift Sub	H265200004	12206867
2RH Running Tool	H265230127	RC2012
V-ring Pack off		RC1096
2" Spacers		
5' Perf Pup		
3.875" O-Ring Packoff		
Profile Nipple		
F-Sub	H677013820	

PAT / Troy / Jason

ASSEMBLED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013

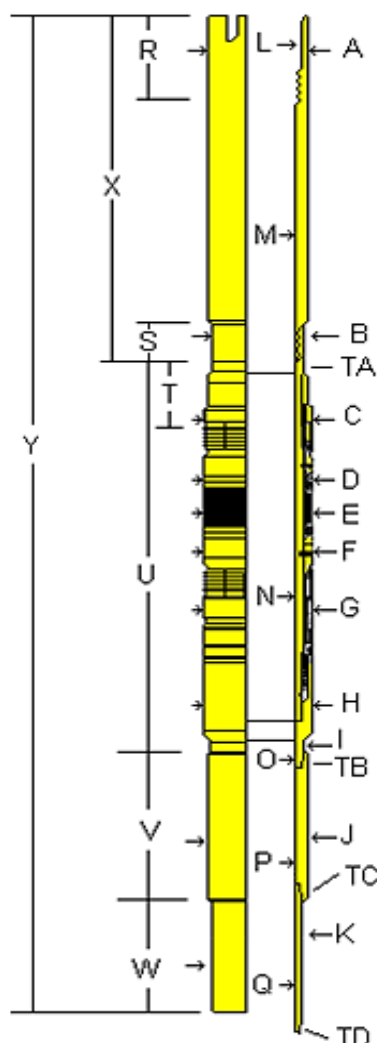


307-265-4685

WELLBORE INFORMATION

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Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

S3 HYD SET PACKER WITH SPECIAL "RC" SLEEVE



ID / OD		THREAD INFO	
A (in)	5.750	TA - Thread Size	4.5"
B (in)	4.937	TA - Thread Type	Vam Top
C (in)	5.875	TA - Thread Weight	12.6#
D (in)	5.812	TA - Torque	5200
E (in)	5.750	TB - Thread Size	4.5"
F (in)	5.812	TB - Thread Type	Vam Top
G (in)	5.875	TB - Thread Weight	12.6#
H (in)	5.706	TB - Torque	5200
I (in)	4.500	TC - Thread Size	4.5"
J (in)	5.062	TC - Thread Type	LTC
K (in)	4.531	TC - Thread Weight	11.6#
L (in)	5.312	TC - Torque	3020
M (in)	4.000	TD - Thread Size	4.5"
N (in)	3.875	TD - Thread Type	LTC
O (in)	3.937	TD - Thread Weight	11.6#
P (in)	3.875	TD - Torque	3020
Q (in)	4.000	S-3 INFO	
R (ft)	0.61	# SHEAR SCREWS	6
S (ft)	0.39	PSI / SCREW	247
T (ft)	1.22	ACTIVATION PRESSURE	1482
U (ft)	4.63	PACKOFF PRESSURE	5000
V (ft)	2.00	DRIFTED (in)	3.875
W (ft)	5.46		
X (ft)	4.00		
Y (ft)	16.08		

S-3 Packer	H409400010	Qty	1
RC Sleeve	10292414	Qty	1
3.875" PBR	10287024	Qty	1
6' Pup Jts	H299920030	Qty	1

 PAT / Troy / Jason
 ASSEMBLED BY / DATE:

 Adel Sobhy
 APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



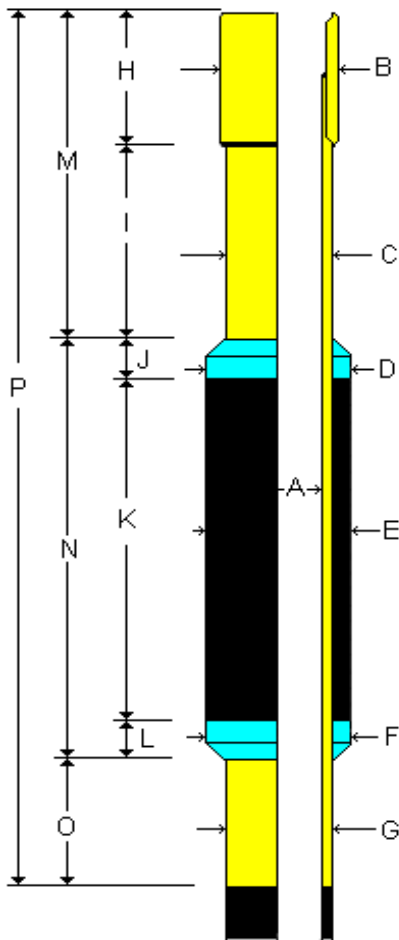
307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

OPEN HOLE HYD PACKER

OH FRAC PACKER SPECIFICATION SHEET - Order in Hole (Bottom Up)



	1	2	3	4	5
WO#:	040718-001-48	040718-001-45	040718-001-28	040718-001-46	040718-001-30
A (in)	4.031	4.031	4.031	4.031	4.031
B (in)	5.000	5.000	5.000	5.000	5.000
C (in)	4.500	4.500	4.500	4.500	4.500
D (in)	4.718	4.718	4.718	4.718	4.718
E (in)	5.750	5.740	5.750	5.730	5.770
F (in)	4.718	4.718	4.718	4.718	4.718
G (in)	4.500	4.500	4.500	4.500	4.500
H (ft)	0.59	0.59	0.59	0.59	0.59
I (ft)	3.41	3.44	3.42	3.41	3.42
J (ft)	0.34	0.34	0.34	0.34	0.34
K (ft)	7.01	7.00	7.00	7.00	7.00
L (ft)	0.34	0.34	0.34	0.34	0.34
M (ft)	4.00	4.03	4.01	4.00	4.01
N (ft)	7.69	7.68	7.68	7.68	7.68
O (ft)	2.41	2.40	2.40	2.40	2.41
P (ft)	14.09	14.10	14.11	14.10	14.10
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P-110	P-110	P-110	P-110	P-110
Drifted:	3.875"	3.875"	3.875"	3.875"	3.875"
Torque #	3020	3020	3020	3020	3020
Tested PSI	NA	NA	NA	NA	NA
Air/Water	NA	NA	NA	NA	NA
Packer. #'s	H304070012			Qty	5

Zack / Jason

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



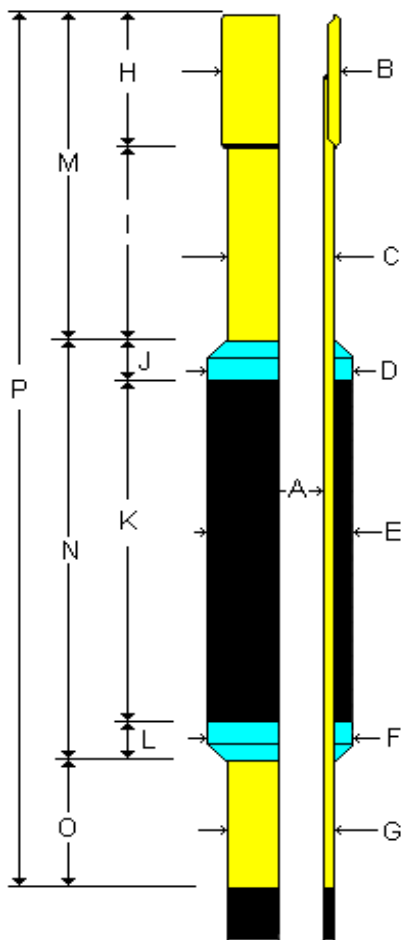
307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

OPEN HOLE HYD PACKER

OH FRAC PACKER SPECIFICATION SHEET - Order in Hole (Bottom Up)



	6	7	8	9	10
WO#:	040717-001-78	040717-001-32	040717-001-52	040717-001-64	040717-001-47
A (in)	4.031	5.031	4.031	4.031	4.031
B (in)	5.000	5.000	5.000	5.000	5.000
C (in)	4.500	4.500	4.500	4.500	4.500
D (in)	4.718	4.718	4.718	4.718	4.718
E (in)	5.750	5.740	5.750	5.760	5.750
F (in)	4.718	4.718	4.718	4.718	4.718
G (in)	4.500	4.500	4.500	4.500	4.500
H (ft)	0.59	0.59	0.59	0.59	0.59
I (ft)	3.42	3.41	3.42	3.43	3.41
J (ft)	0.34	0.34	0.34	0.34	0.34
K (ft)	7.00	7.00	7.00	6.99	7.00
L (ft)	0.34	0.34	0.34	0.34	0.34
M (ft)	4.01	4.00	4.01	4.02	4.00
N (ft)	7.88	7.88	7.68	7.67	7.68
O (ft)	2.42	2.43	2.42	2.42	2.42
P (ft)	14.10	14.10	14.11	14.10	14.10
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P-110	P-110	P-110	P-110	P-110
Drifted:	3.875"	3.875"	3.875"	3.875"	3.875"
Torque #	3020	3020	3020	3020	3020
Tested PSI	NA	NA	NA	NA	NA
Air/Water	NA	NA	NA	NA	NA
Packer. #'s	H304070012			Qty	5

Zack / Jason

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



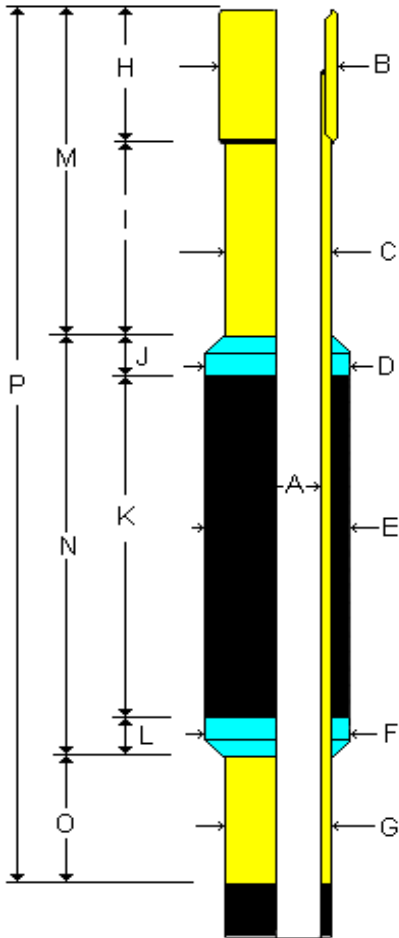
307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

OPEN HOLE HYD PACKER

OH FRAC PACKER SPECIFICATION SHEET - Order in Hole (Bottom Up)



	11	12	13	14	15
WO#:	040717-001-56	040717-001-60	040717-001-58	040717-001-70	040717-001-49
A (in)	4.031	4.031	4.031	4.031	4.031
B (in)	5.000	5.000	5.000	5.000	5.000
C (in)	4.500	4.500	4.500	4.500	4.500
D (in)	4.718	4.718	4.718	4.718	4.718
E (in)	5.770	5.760	5.740	5.750	5.740
F (in)	4.718	4.718	4.718	4.718	4.718
G (in)	4.500	4.500	4.500	4.500	4.500
H (ft)	0.59	0.59	0.59	0.59	0.59
I (ft)	3.45	3.42	3.41	3.42	3.42
J (ft)	0.34	0.34	0.34	0.34	0.34
K (ft)	6.97	7.00	7.00	7.00	7.00
L (ft)	0.34	0.33	0.34	0.34	0.34
M (ft)	4.40	4.01	4.00	4.01	4.01
N (ft)	7.65	7.68	7.68	7.67	7.68
O (ft)	2.41	2.42	2.43	2.42	2.42
P (ft)	14.10	14.11	14.10	14.10	14.10
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P-110	P-110	P-110	P-110	P-110
Drifted:	3.875"	3.875"	3.875"	3.875"	3.875"
Torque #	3020	3020	3020	3020	3020
Tested PSI	NA	NA	NA	NA	NA
Air/Water	NA	NA	NA	NA	NA
Packer. #'s	H304070012			Qty	5

Zack / Jason

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



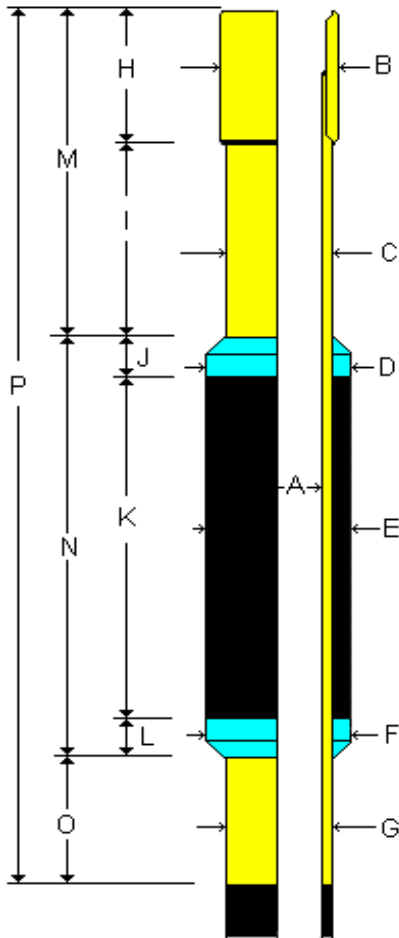
307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

OPEN HOLE HYD PACKER

OH FRAC PACKER SPECIFICATION SHEET - Order in Hole (Bottom Up)



	16	17	18	19	20
WO#:	040718-001-24	040718-001-27	040718-001-28	040718-001-50	040718-001-51
A (in)	4.031	4.031	4.031	4.031	4.031
B (in)	5.000	5.000	5.000	5.000	5.000
C (in)	4.500	4.500	4.500	4.500	4.500
D (in)	4.718	4.718	4.718	4.718	4.718
E (in)	5.750	5.750	5.760	5.750	5.750
F (in)	4.718	4.718	4.718	4.718	4.718
G (in)	4.500	4.500	4.500	4.500	4.500
H (ft)	0.59	0.59	0.59	0.59	0.59
I (ft)	3.41	3.42	3.43	3.41	3.47
J (ft)	0.34	0.34	0.34	0.34	0.34
K (ft)	7.00	7.00	7.00	7.00	6.96
L (ft)	0.34	0.34	0.34	0.34	0.34
M (ft)	4.00	4.01	4.02	4.00	4.05
N (ft)	7.69	7.68	7.68	7.69	7.64
O (ft)	2.42	2.42	2.42	2.41	2.41
P (ft)	14.10	14.11	14.11	14.10	14.11
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P-110	P-110	P-110	P-110	P-110
Drifted:	3.875"	3.875"	3.875"	3.875"	3.875"
Torque #	3020	3020	3020	3020	3020
Tested PSI	NA	NA	NA	NA	NA
Air/Water	NA	NA	NA	NA	NA
Packer. #'s	H304070012			Qty	5

Zack / Jason

TESTED & INSPECTED BY / DATE:

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013

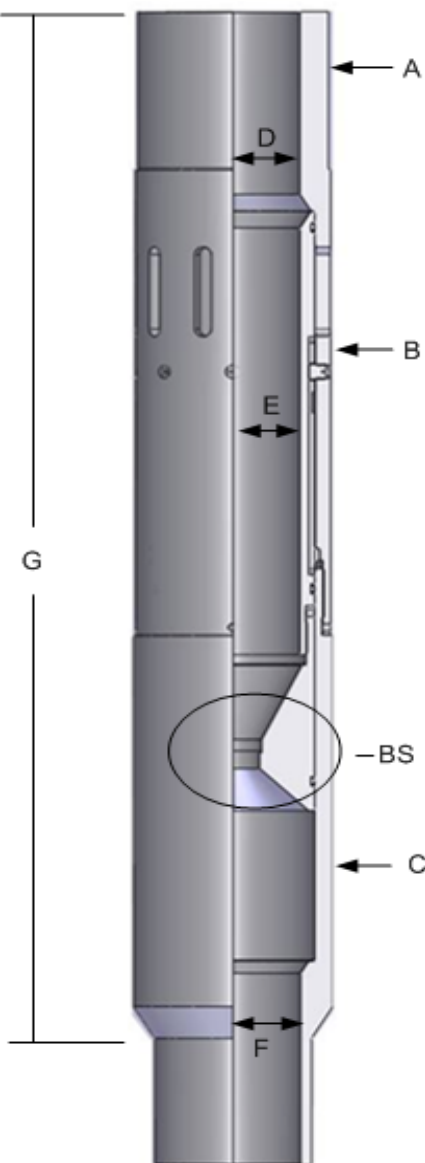


307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

BALL ACTIVATED SLEEVE



FRAC SLEEVE SPECIFICATION SHEET - Order in Hole (Bottom Up)

	6	7	8	9	10
STO#	5501689813				
Ball Size (in)	2.125	2.250	2.375	2.500	2.625
Ball Seat ID (in)	2.025	2.150	2.275	2.400	2.525
A (in)	4.968	4.968	4.968	4.968	4.968
B (in)	5.593	5.593	5.593	5.593	5.593
C (in)	5.593	5.593	5.593	5.593	5.593
D (in)	3.906	3.906	3.906	3.906	3.906
E (in)	3.875	3.875	3.875	3.875	3.875
F (in)	3.937	3.937	3.937	3.937	3.937
G (ft)	2.41	2.41	2.41	2.41	2.41
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P110	P110	P110	P110	P110
Torque #	3020	3020	3020	3020	3020
Tested PSI	130	130	130	130	130
Air/Water	Air	Air	Air	Air	Air
# Screws	6	6	6	6	6
PSI - Screw	381	381	381	381	381
Open PSI	2286	2286	2286	2286	2286
Frac Sl. #'s	Upper Level			Qty	5

Jason / Bryson

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



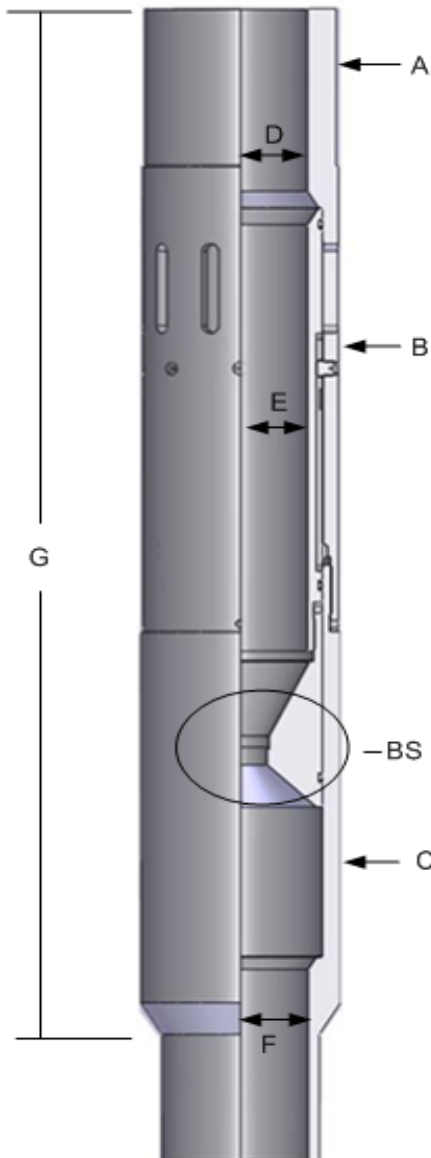
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WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

BALL ACTIVATED SLEEVE

FRAC SLEEVE SPECIFICATION SHEET - Order in Hole (Bottom Up)



	11	12	13	14	15
STO#	5501689813				
Ball Size (in)	2.750	2.875	3.000	3.125	3.250
Ball Seat ID (in)	2.650	2.775	2.900	3.025	3.150
A (in)	4.968	4.968	4.968	4.968	4.968
B (in)	5.593	5.593	5.593	5.593	5.593
C (in)	5.593	5.593	5.593	5.593	5.593
D (in)	3.906	3.906	3.906	3.906	3.906
E (in)	3.875	3.875	3.875	3.875	3.875
F (in)	3.937	3.937	3.937	3.937	3.937
G (ft)	2.41	2.41	2.41	2.41	2.41
Thd. Size	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Thd. Type	LTC	LTC	LTC	LTC	LTC
Thd. Weight	11.6#	11.6#	11.6#	11.6#	11.6#
Grade	P110	P110	P110	P110	P110
Torque #	3020	3020	3020	3020	3020
Tested PSI	130	130	130	130	130
Air/Water	Air	Air	Air	Air	Air
# Screws	6	6	6	6	6
PSI - Screw	381	381	381	381	381
Open PSI	2286	2286	2286	2286	2286
Frac Sl. #'s	Upper Level			Qty	5

Jason / Bryson

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

Casper, Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



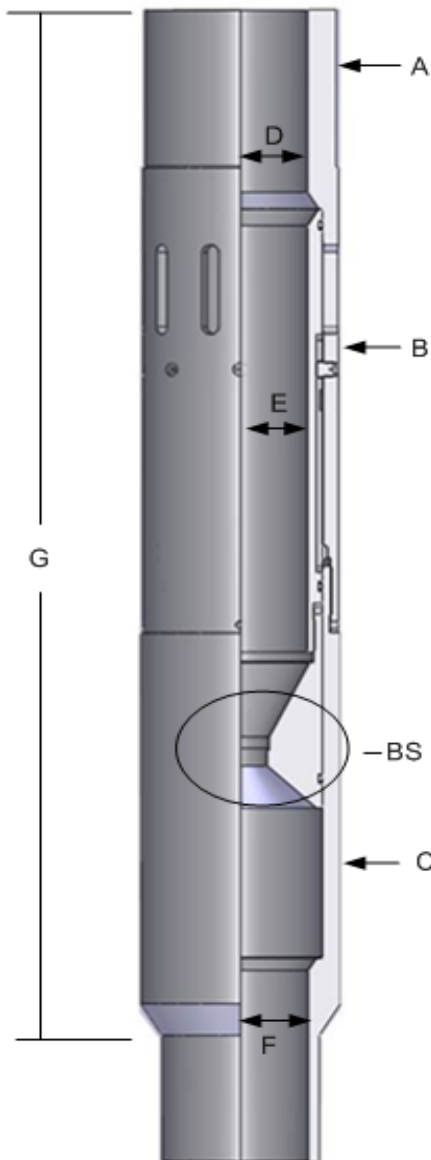
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WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

BALL ACTIVATED SLEEVE

FRAC SLEEVE SPECIFICATION SHEET - Order in Hole (Bottom Up)



	16	17			
STO#	5501689813				
Ball Size (in)	3.375	3.500			
Ball Seat ID (in)	3.275	3.400			
A (in)	4.968	4.968			
B (in)	5.593	5.593			
C (in)	5.593	5.593			
D (in)	3.906	3.906			
E (in)	3.875	3.875			
F (in)	3.937	3.937			
G (ft)	2.41	2.41			
Thd. Size	4 1/2"	4 1/2"			
Thd. Type	LTC	LTC			
Thd. Weight	11.6#	11.6#			
Grade	P110	P110			
Torque #	3020	3020			
Tested PSI	130	130			
Air/Water	Air	Air			
# Screws	6	6			
PSI - Screw	381	381			
Open PSI	2286	2286			
Frac Sl. #'s	Upper Level			Qty	2

Jason / Bryson

TESTED & INSPECTED BY / DATE:

Adel Sobhy

APPROVED BY / DATE:



Baker Oil Tools

CASPER, WY

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

DATE: July 9, 2013



307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

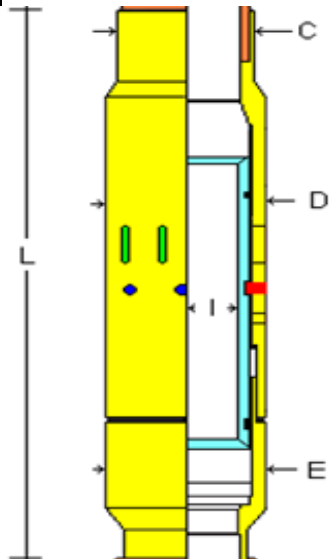
PRESSURE ACTIVATED "P" SLEEVE

DIMENSIONS	
C (in)	4.968
D (in)	5.593
E (in)	5.593
I (in)	3.875
L (ft)	2.720
Thd. Size	4 1/2"
Thd. Type	LTC
Weight	11.6#
Grade	P-110
Torque #	3020
Tested PSI	110
Air/Water	AIR

TEST SHIFTS	
Shift # 1	
Screw Size	
Mat #	HWWGEBOFB
Batch #	129023-03090811
# Screws	2
PSI/screw	805
Nominal PSI	1610
Actual PSI	2100
Shift # 2	
Screw Size	
Mat #	HWWGEBOFB
Batch #	129023-03090811
# Screws	2
PSI/screw	805
Nominal PSI	1610
Actual PSI	2100
Shift # 3	
Screw Size	
Mat #	HWWGEBOFB
Batch #	129023-03090811
# Screws	2
PSI/screw	805
Nominal PSI	1610
Actual PSI	2100

AS-RUN	
# Screws	5
PSI - Screw	805
Open PSI	4025

MATERIAL #'s			
"P" Sleeve #	H809880001	Qty	1



Jason / Bryson

Adel Sobhy



Baker Oil Tools

Casper Wyoming

CUSTOMER: BILL BARRETT CORP.

LEASE/WELL: East Platte 1-1H

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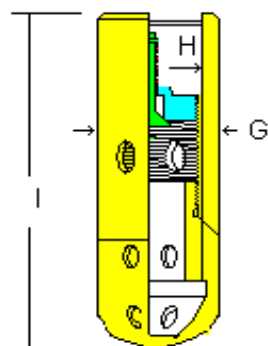
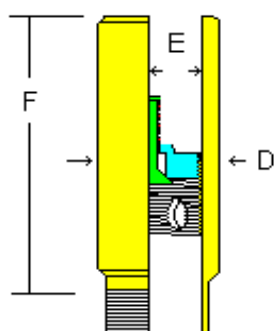
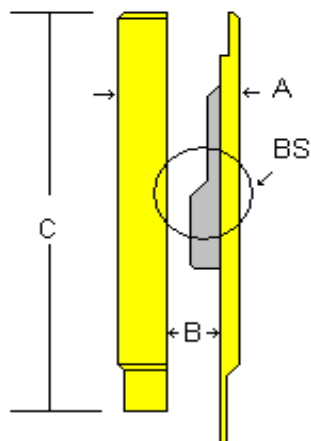


307-265-4685

WELLBORE INFORMATION

Casing Size:	7"	Casing Weight:	26#	Casing ID:	6.276"	Casing Drift:	6.151"	Open Hole Size:	6.125"
Liner Size:	4 1/2"	Liner Weight:	11.6#	Liner Grade:	P-110	Liner Drift:	3.875"	Liner Thread:	LTC

SOLID BALL SEAT & FLOAT COLLAR & SHOE



# Code	
Color Code	
BS ID (in)	1.000
Ball Size (in)	1.250
A (in)	5.062
B (in)	4.000
C (ft)	1.34
D (in)	5.031
E (in)	4.062
F (ft)	1.06
G (in)	5.000
H (in)	4.125
I (ft)	2.53
Thd. Size	4 1/2"
Thd. Type	LTC
Thd. Weight	11.6#
Grade	P110
Drifted:	N/A
Torque #	3020
Tested PSI	N/A
Air/Water	N/A

Ball Seat Sub	H266790057	Qty	1
Float Collar	H101880030	Qty	1
Float Shoe	H100950059	Qty	1

INSPECTED BY / DATE:

Adel Sobhy
APPROVED BY: