



Magna Energy Services, LLC
23295 US Hwy 85
La Salle CO 80645
(970) 284-5752

Invoice

#47227
09/09/2015

Bill To
Bill Barrett Corporation
33105 CR 33
Greeley CO 80631

Due Date: 10/09/2015

Invoice Summary
P&A / Gray 13-15H-37-17

Attention To
Alex Warner

Terms
Net 30

API

PO Number

AFE
10.15116PA

Location/Lease
Gray 13-15H-37-17

Username

RSO#

Routing Code

Unique #

CC/RS/PID/SOWBS
800.010

Ticket Number	Date of Service	Quantity	U/M	Item	Rate	Amount
		1	Each	Mob (5 of 5)		
		1	Each	P&A the referenced well per bid		
		17	Each	Extra sacks of cement (bid included 152 sacks, pumped 169 sacks)		
20787	09/02/2015	1	Each	Extra rig time to kill well per the attached ticket		
		1	Each	De-Mob (5 of 5)		

Tax Tot:

Thank you for your business.

LaSalle, CO - (970) 284-5752 | Ft Morgan, CO - (970) 867-9007 | Gillette, WY - (307) 682-4195 | Williston, ND - (701) 572-9019

*Hand you.
De*

Magna Energy Services, LLC
17509 County Road 14
Ft. Morgan, CO 80701
(970) 867-9007
Fax (970) 867-8374

Job Log

Date: 9-4-15

Operator: Bill Barrett Corp.

Well Name: Gray 13-15H-37-17

Legal Location: Sec: 15, Twn: 37N, Range: 17W SWSW

9-1-15: RUWOR, Blow down csg. to flow back tank (csg. dropped to 750 Pi., Didn't bleed down), spot equip.

9-2-15: Start to bleed off csg, pump 25 Bbls. 10.4# brine down tbg. to kill, pump 80 Bbls. down csg. to kill 4 1/2", trickle down csg. w/ 20 bbls. NDWH, NUBOP, R/U Floor, TOOCH w/ 156 Jts. 2 3/8" J-55 Tbg., x nipple, 1 Jt., xn nipple, 1 Jt. R/U Magna wireline, RIH w/ 4 1/2" CIBP, set @ 5225', POOH, R/D WL, TIH w/ 158 Jts. 2 3/8" tbg., spot tbg. traller, P/U 9 Jts., (167 Total), Tagged CIBP @ 5225', aggrigate corrosion inhibitor in tank, Pump 80 Bbls. Down Tbg., up 4 1/2" 5225' to surface. Pressure test 4 1/2" to 1000 Psi. for 15 min. w/ 7" and 9 5/8" Open (Test good)

9-3-15: Break Circ., Pump 2 bbls. Fresh, 10 sxs. Cement, 1 Bbl. Fresh, 18 bbls. Displ. w/ corrosion inhibitor, L/D 25 Jts. 2 3/8" Tbg. TOOCH w/ 142 Jts. in derrick, R/U Magna Wire line, RIH w/ 4 shot squeeze guns, shoot holes @ 4500', POOH, Break Circ. Down 4 1/2" x 7", 2 Bbls. Min @ 300 Psi., RIH w/ 4 1/2" CICR, Set @ 4450', POOH, R/D WL, P/U Stinger, TIH w/ 142 Jts. 2 3/8" Tbg., Pressure test CICR, (Good), Sting in, Establish rate @ 2 Bbl. Min. @ 700 Psi, Pump 2 Bbls. fresh, 40 sxs., 1 Bbl. Fresh, Displ. w/ 14 bbls. leaving 10 sxs. on CICR (TOC @ 4321'), L/D 56 Jts. 2 3/8" Tbg, TOOCH w/ 86 Jts. in Derrick R/U Magna Wireline, RIH w/ 4 shot squeeze guns, shoot holes @ 2736', POOH, Establish Injection rate, 2 1/2 Bbl. Min. @ 0 Psi., RIH w/ 4 1/2" CICR, Set @ 2681', POOH, R/D WL, P/U Stinger, TIH w/ 85 Jts. 2 3/8" Tbg, Space out, test CICR, Sting in, Break Circ., Pump 2 Bbls. Fresh, 45 sxs. cement, 1 Bbl. Fresh, 7 bbls. Displ. w/ Corrosion Inhibitor, sting out (TOC @ 2552' w/ 10 sxs. on top) L/D 25 Jts. 2 3/8" Tbg., TOOCH w/ 60 Jts. in Derrick, R/U Magna Wireline, RIH w/ 4 shot squeeze guns, shoot holes @ 1900', POOH, Establish Circ. Down 4 1/2" x 7" 2 1/2" bbls. Min. @ 0 Psi, RIH w/ 4 1/2" CICR, Set @ 1850', POOH, R/D WL, P/U Stinger, TIH w/ 59 Jts. Sting in to CICR

9-4-15: Break Circ., Pump 2 bbls. Fresh, 40 sxs. Cement, 1 Bbl. Fresh, 4 bbls. Displ. w/ corrosion Inhibitor, (Leaving 10 sxs. on top of CICR, TOC @ 1721'), L/D 59 Jts. 2 3/8" Tbg, fill csg. w/ corrosion Inhibited water, R/U Magna Wire Line, Shoot holes @ 100' w/ 4 shot squeeze gun, Establish Circ. 4 1/2" x 7" x 9 5/8", R/D WL. R/D Floor, NDOBOP, NUWH, RDWOR, Pump 30 sxs. cement 100' to surf. In all Annulus, Dig out wellhead 4' BGL, Cut well Head off 4' BGL, top off w/ 4 sxs. cement, weld info plate on, Back fill hole

***** All cement used is Class "G" Neat 15.8 # *****

Cementing Contractor: Magna Energy Services, LLC
Cementing Contractor Supervisor: Daniel Norton
Operator Supervisor: Ron Halcomb
COGCC Representative: Joe Maclaren
Wireline Contractor: Magna Energy Services, LLC