

October 10, 2015

COGCC Doc # 2597188

Mr. Dave Andrews
Western Region Engineering Supervisor
Colorado Oil & Gas Conservation Commission
796 Megan Ave, Ste 201
Rifle, Colorado 81650

RE: Surface Casing Cement Report
KGH Operating Company
Meagher 3-4
Lot 4, Section 3, T1S-R104W
Rio Blanco County, CO
05-103-12265-0000

Surface Casing Hole

Surface Hole Contractor: ProPetro, Vernal Utah
Date Drilled: October 3, 2015, air drilled
Surface Hole Size: 8-3/4 inch
TD of Surface Hole: 1015 ft GL
Surface Hole Casing: Shoe set at 1009 ft, GL
Float set at 962.52
7 inch, J-55, 23#

Surface Hole Cement

Surface Casing Cementer: ProPetro, Vernal, Utah
Date Cemented: October 4, 2015
Surface Casing Cement: Initial 240 sx, (49 Bbl), 15.8#, 1.15 yield, Class G
1st top off 60 sx, (20 Bbl), 15.8#, 1.15 yield, Class G
2nd top of 100 sx, (12 Bbl) 15.8#, 1.15 yield, Class G
Flowing casing prior to bump plug: 280 psi
Pressure to bump plug: 780 psi

No stage tool used.

No cement circulated to surface.

Comments:

The cementing job was initiated with 240 sx of Class G cement. 240 sx should have provided a 75% excess of the required cement for the annular volume of the hole and casing. The cement was displaced with 37.9 bbl of water, the plug was landed and held. No returns were observed at the surface. A 60 sx cement top off was pumped down the annulus and cement returns were observed at the surface. The cement fell immediately after the pumping was stopped. The 60 sx, 15.8#, 1.15 yield, Class G top off

was allowed to sit for one hour and a second top off was pumped. The second top off was 100 sx, 15.8#, 1.15 yield, Class G and cement was observed at the surface and held.





PERFORMANCE PROFESSIONALS™

P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

8154

JOB SUMMARY REPORT

Customer <i>K.L.H</i>		Date <i>9/4/15</i>	Ticket Number <i>9732</i>	
Lease & Well Name <i>Meagher 3-4</i>		Sec.	Twp.	Range
		County <i>Moffat Co</i>		

Job Type <i>Surface Csg</i>	Drilling Contractor
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Surface CSG Size	Wt./Grade	Thread	Depth From	To
<i>7"</i>	<i>23#</i>	<i>Round</i>	<i>5</i>	<i>109.04</i>
Inter CSG Size	Wt./Grade	Thread	Depth From	To
Prod. CSG Size	Wt./Grade	Thread	Depth From	To
Liner CSG Size	Wt./Grade	Thread	Depth From	To
TBG or D.P. Size	Wt./Grade	Thread	Depth From	To

SKS	Materials Furnished	Slurry Wt. P.P.G.	Slurry Yield FT ³	Water Gal./Sk.
<i>240</i>	<i>270 cc 12, 1/4 #stk flocc</i>	<i>15.8</i>	<i>1.15</i>	<i>5</i>
<i>160</i>	<i>490 cc 12, 1/4 #stk flocc</i>	<i>15.8</i>	<i>1.15</i>	<i>5</i>

Float Equipment
Guide Shoe, Float collar, Stop Ring, Centralizers
Tap plug, thread lock

Equipment & Personnel
Jason Tolson, Dave Sullivan, Matt #1223

Notes

PROPETRO

P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

9130

Date 9/4/15, 20

For K. B. H

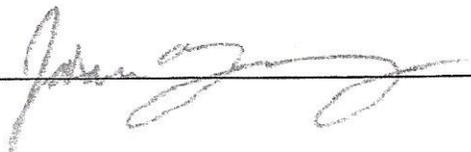
Lease Meagher 3-4

Rig No. _____

JOB LOG

TIME	DESCRIPTION	RATE	PSI	VOLUME
1300	on loc, Safety meeting			
	Rig up			
1350	psi test to 1000psi			
1352	Start H ₂ O	6	100	6
	END			30
1357	Start Gel	6	150	6
	END			20
1400	Start Cmt, 15.8H	4	130	6
	Drop plug on the Fly, END Cmt, (040cks)			49
1413	Start Displacement	6	100	6
1424	hnd plug, END Displacement		280	37.9
	NO Returns, Check flow (Held)		780	
1430	Start top job 4 ⁹⁰	3	—	6
1436	END (10cks)			20
1536	Start top job 4 ⁹⁰	3	—	6
	Cmt to surface, END (6cks)			12

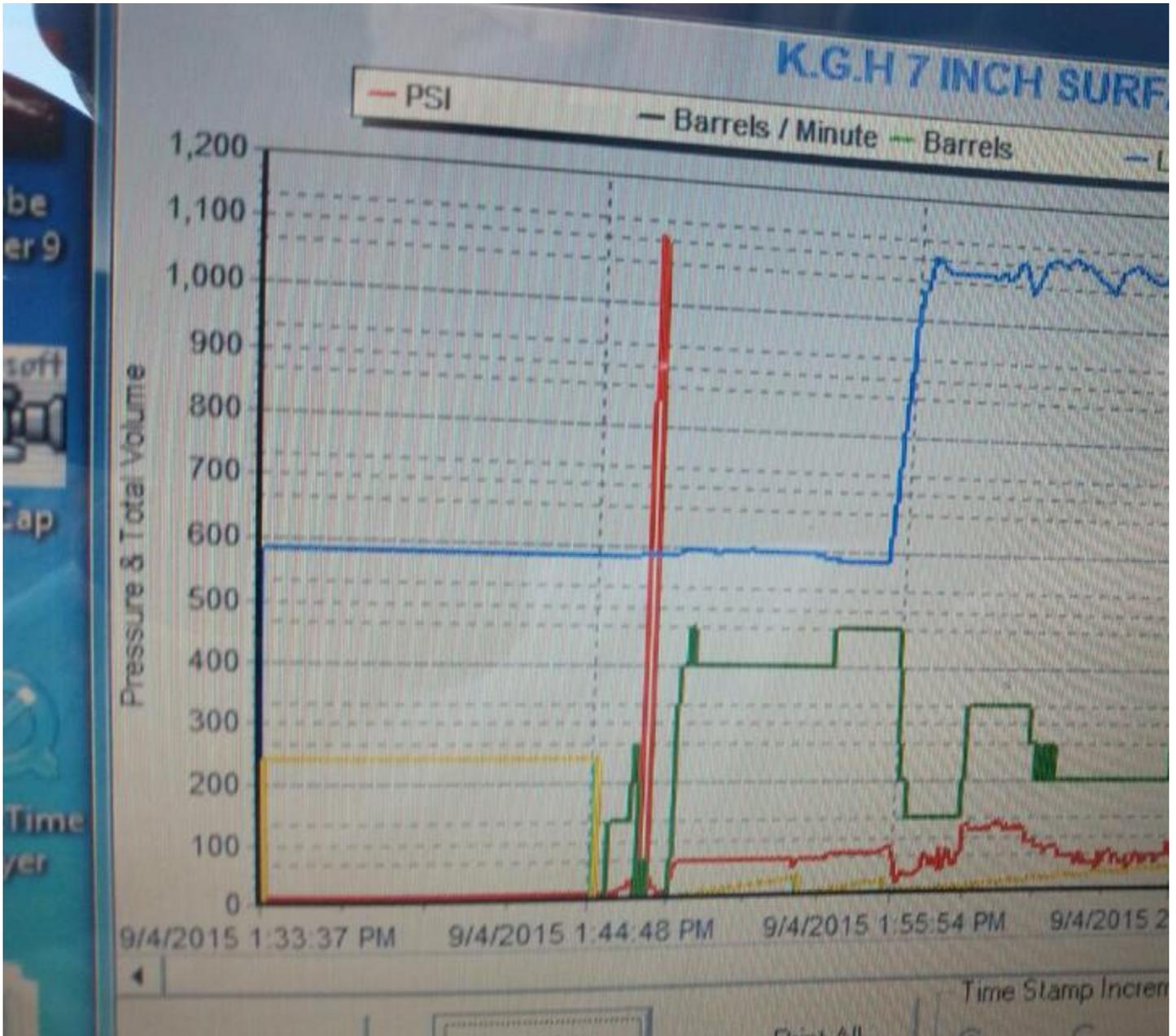
Operator



Accepted and approved by _____

Jeff Wingerter

From: Gregg Harbison <gregg.harbison@propetroservices.com>
Sent: Thursday, September 10, 2015 12:11 PM
To: Jeff Wingerter
Cc: Darrin Bailey; Sam Dansie
Subject: Meagher 3-4 chart



Gregg Harbison
Cement Superintendent