ROGER L. MARTIN

PROFESSIONAL GEOLOGIST AND CONSULTANT — 303-232-8696

GEOLOGIST'S REPORT

COMPANY	RIVER BEND PRODUCING, LLC	LOCATION	
LEASE	CRAWFORD #1-23C	QTR QTR	NE NW SEC 23
FIELD	WILDCAT	TWP	1N RNG 67W
COUNTY	WELD STATE CO	ELEVATION	GL 5,015 KB 5,030
CONTRACTOR	PETROMAX DRLG RIG # 1	SPUD	10:00 AM 10/30/2014
TOOLPUSHER		COMPLETED	
MUD PROGRAM	CHEMICAL GEL MUD	TOTAL DEPTH	7,100

SURFACE CASING	8 5/8" @ 1,000'	CEMENTED	10/30/2014
HOLE SIZE	7 7/8"	CASING	5 1/2" @ 7,100'
PLUG BACK TD	7,100'	CEMENTED	11/5/2014
DST NO.		FROM	TO
CORES NO.		FROM	TO
RECOVERED			

FORMATION TOPS	(KB)	(SUBSEA)
NIOBRARA	6,811 ft	-1,781 ft
FORT HAYS	7,041 ft	-2,011 ft
CODELL	7,061 ft	-2,031 ft
GREENHORN	7,081 ft	-2,051 ft
GRANEROS	7,241 ft	-2,211 ft
GRANEROS MBR	7,241 ft	-2,211 ft
GRANEROS SS	7,241 ft	-2,211 ft
GRANEROS LS	7,241 ft	-2,211 ft
GRANEROS SH	7,241 ft	-2,211 ft
J SAND	7,241 ft	-2,211 ft
DAKOTA	7,241 ft	-2,211 ft
LYTLE	7,241 ft	-2,211 ft

LITHOLOGY	
Samples:	100 ft from 6,700 ft to TD
Lagging:	10 ft from 6,700 ft to TD
Mud Logger:	None
Wireline Logs:	Run: Gamma Ray, Resistivity, Density, Neutron

REMARKS

Proposed Total Depth is 7,100 ft

Roger L. Martin
Professional Geologist