

1801 Broadway  
Suite 500  
Denver, Colorado 80202



Callie Fiddes  
Regulatory Technician  
Tel: 303.398.0550  
E-mail: cfiddes@gwogco.com

April 8, 2014

Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, Colorado 80203

Attn: Matthew Lepore, Director

**RE: Request for Exception to Rule 317.o Requirement to Run Open-Hole Logs**

SWSW S34-T7N-R64W, 6<sup>th</sup> P.M. Weld County, CO

**Bruegman South EG 34-021HN – Doc ID: 400509298**  
**Bruegman South EG 34-022HN – Doc ID: 400509283**  
**Bruegman South EG 34-024HC – Doc ID: 400509197**  
**Bruegman South EG 34-030HN – Doc ID: 400508856**  
**Bruegman South EG 34-027HN – Doc ID: 400509104**  
**Bruegman South EG 34- 027HC – Doc ID: 400509087**  
**Bruegman South EG 34-029HN – Doc ID: 400508889**  
**Bruegman South EG 34-030HN – Doc ID: 400508856**

Dear Director:

Great Western Operating Company (GWOC) intends to drill the oil and gas wells described above. GWOC respectfully requests the Director to approve an exception to Rule 317.o as it applies to the intermediate hole sections for the proposed wells. Suitable gamma ray and resistivity logs across the depths that will be drilled in the intermediate hole sections exist from offset wells located in the vicinity of the surface-hole location of the proposed new wells.

The logs from the following well are proposed to provide adequate intermediate hole log coverage to characterize the geology of the area. The logs on the offset wells were typically were run from TD to approximately 500'.

Well Name/Number	API Number	Distance from proposed well	Azimuth (Degrees)	COGCC Well Logs Document Numbers
Christensen 1	05-123-11718	374 feet	45	Density Log:1037876 Induction Log:959089 Density Log: 959092
Owl Creek 10	05-123-11936	1025 feet	285	Induction Log: 959083 Density Log: 959084
Vega 11-3	05-123-22971	980 feet	75	LAS-IND-DENS-NEU: 700003561 Gamma Ray/CCL/Cement Bond VDL: 1262192 Compensated Density

				Compensated Neutron Dual Induction: 1621361
Barrell 41-4	05-123-22518	1500 feet	135	Compensated Density Compensated Neutron Dual Induction: 1460642 Gamma Ray/CCL Cement Bond VDL: 1459285 LAS-IND-DENS-NEU: 700003452 Gamma Ray/CCL Cement Bond: 1460808 LAS-CEMENT BOND: 700077315

Gamma and Resistivity logs will be run on the surface hole section on the Bruegman South EG 34-024HC well from TD of approximately 1,000' to the base of conductor (approximately 100') and will be submitted to COGCC. Gamma LWD will be run from the first kickoff point in the intermediate hole section to the final TD of the production hole on all three of the wells, and submitted to COGCC. The Drilling Completion Report – Form 5 submitted for each well will indicate that no open-hole logs were run in the intermediate hole sections and will reference the surface hole log in the 024HC well. A CBL and Gamma Ray log will be run from KOP to at least surface casing shoe.

GWOC respectfully requests that the COGCC review this information and approve an exception to Rule 317.o with respect to the proposed new wells.

Thank you for your attention to this matter.

Respectfully,

*Callie Fiddes*

Callie Fiddes  
Regulatory Technician  
Great Western Operating Company, LLC