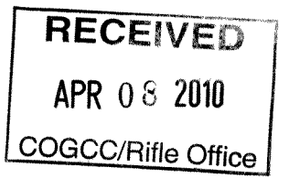
Andrews, David



From: Krabacher, Jay
Sent: Thursday, April 08, 2010 3:59 PM
To: Martinez, Victoria
Cc: Andrews, David; King, Kevin
Subject: RE: Fed SG 542-26
Attachments: Krabacher Jay.vcf; image001.jpg

Ms. Martinez:

Looks good to me. Good luck!

Jay Krabacher

Krabacher, Jay
COGCC
Petroleum Engineer, EIT - II

(970) 625-2497 Work
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Jay.Krabacher@state.co.us
Oil & Gas Conservation Commission
707 Wapiti Ct., # 204
Rifle, CO 81650

From: Martinez, Victoria [mailto:Victoria.Martinez@Williams.com]
Sent: Thursday, April 08, 2010 1:10 PM
To: Krabacher, Jay
Cc: Andrews, David; King, Kevin
Subject:

Attached is the CBL and squeeze procedure for the SG 542-26. Please let me know if you have any questions or concerns.

We plan to pump the squeeze Monday 4/12/10 per your approval.

Have a great day!

Victoria Martinez
Completions Engineer-Piceance Region
Williams Production RMT
1515 Arapahoe St. Tower 3 Suite 1000
Denver, CO 80202
office: 303-260-4501
mobile: 303-803-4152
fax: 303-629-8244

Williams Exploration and Production
Well Completion Procedure

Date: 03/16/2010

Well: **SG 542-26**
Surf Loc: NENE S26 T7S R96W
Field: GRAND VALLEY SOUTH
Production Casing: 4-1/2" 11.6# I-80
Correlate Log: Baker-Atlas CH Log - 10/15/2009

Prepared By: Victoria Martinez
Office Phone: (303) 260-4501
Cell Phone: (303) 803-4152
Fax: (303) 629-8282

MAX Pressure 7000 psi
RMWS Conventional Perf

Staging will be dependent on remedial cement job.

First Squeeze Procedure (COMPLETE)

Review CBL and initial completion procedure.
MIRU Wireline.
Shoot 2 squeeze holes at 5312'.
Establish circulation with freshwater, leaving the bradenhead valve open.
RIH with composite cement retainer and set at 5262'.
RIH with tubing and stab into cement retainer.
Pump 310 bbl of 10.5 ppg mud
Pump 20 bbls fresh water at 4 bpm
Pump 20 bbls 10.5 ppg mud at 4 bpm
Pump 20 bbls fresh water at 4 bpm
Pump 20 bbls 10.5 ppg mud at 4 bpm
Pump 5 bbls fresh water at 4 bpm
Pump 20 bbls MudFlush at 4 bpm
Pump 5 bbls fresh water at 4 bpm
Pump 360 sxs of 12.7 ppg cement with backside open
Pump 100 sxs of 17.0 ppg cement and stage last two bbl of slurry to achieve squeeze with bradenhead valve closed.
Reverse circulate out any remaining cement in the tubing.
POOH with tubing.
Drill out cement and retainer.
Run CBL over squeeze.
Pressure test squeeze holes to 1500 psi using rig pump.
New TOC at 5008'.

Cement: 360 sxs (williams convention 12.7 lead)
12.7 ppg 1.82 - yield 9.7 gal/sk

Cement: 100 sxs AG-300 + 0.5% CFR-3
17.0 ppg 0.99 cuft/sk 3.84 gal/sk

New Squeeze Procedure

Review CBL and initial completion procedure.
MIRU Wireline.
Set bridge plug at 4960'.
Shoot 2 squeeze holes at 4910'.
Establish circulation with freshwater, leaving the bradenhead valve open.
RIH with composite cement retainer and set at 4860',
RIH with tubing and stab into cement retainer.
Pump 50 bbl of engerized mud
Pumpe 50 bbl of mud (not energized)
Pump 5 bbls fresh water at 4 bpm
Pump 20 bbls MudFlush at 4 bpm
Pump 5 bbls fresh water at 4 bpm
Pump 279 sxs of 14.3 ppg cement foamed to 10.5 ppg foam cement
Pump 50 sxs of 14.3 ppg cement.
Stab out of retainer leaving pressure on squeeze. (do not hesitate squeeze)
Reverse circulate out any remaining cement in the tubing.
POOH with tubing.
Drill out cement and retainer.
Run specialty log over squeeze.
Pressure test squeeze holes to 1500 psi using rig pump.
Upon successful test continue with completions as planned.

Cement: 329 sxs
14.3 ppg

ETOC 3500'

Initial TOC	TOC 2	Top of MV	Top of Gas
5,360	5,008	2792	4046

Flt Collar
5668