045-18824

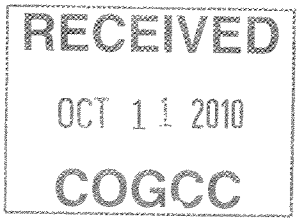
Andrews, David

From:
Sent: PM
To: 'Caplis, Chris'
Subject: RE: SP 522-14 pressure test / remediation

Chris,

This email confirms my approval to proceed. The previously-requested Sundry Notice (Notice of Intent to perform remedial operations) will not be necessary.

Thanks,



David D. Andrews, P.E., P.G.
Engineering Supervisor - Western Colorado

State of Colorado
Oil and Gas Conservation Commission
707 Wapiti Court, Suite 204
Rifle, Colorado 81650
Office Phone: (970) 625-2497 Ext. 1
Cell Phone: (970) 456-5262
Fax: (970) 625-5682
E-mail: David.Andrews@state.co.us
Website: http://www.colorado.gov/cogcc

From: Caplis, Chris [mailto:Chris.Caplis@Williams.com]
Sent: Monday, October 11, 2010 10:45 AM
To: Andrews, David
Subject: SP 522-14 pressure test / remediation

Good morning Dave,

We performed a casing pressure test this past Saturday, 10/9/2010 on the SP 522-14. The test failed as we lost 282 psi over 15 minutes after pressuring up to 3,300 psi on the surface with produced water in the casing. I've attached the results.

We are moving forward with remediation operations. I've attached our plan of attack. Since we have a rig on location we are hoping to perf and squeeze tomorrow. If you are OK with the plan moving forward, verbal approval would be greatly appreciated. We will submit the appropriate paperwork ASAP.

Regards,

Chris Caplis
Completions Engineer
Williams Production Co.
Ofc: 303-606-4041
Cell: 303-601-4884
chris.caplis@williams.com

Williams Production RMT Co.

Cement Remediation Procedure

Well: **SP 522-14**

Surf Loc: SWNW S14 T7S R95W

Field: PARACHUTE

Production Casing: 4-1/2" 11.6# E-80

Correlate Log: Baker OH Log - 6/20/2010

Date: 10/11/2010

Prepared By: Chris Caplis

Cell Phone: (303) 601-4884

Office Phone: (303) 606-4041

Fax: (303) 629-8282

MAX Pressure 7000 psi

Lone Wolf Conv Perf System

Stage Top	Stage Btm	Gross Int	Top Perf	Btm Perf	Holes	Gross Pay

Per failed pressure test over the weekend,
MIRU Wireline.
Shoot 2 squeeze holes at 3,260'.
Establish circulation with freshwater, leaving the bradenhead valve open.
RIH with cast iron retainer and set at 3,160' with tubing.
Sting out of retainer, wait for cement to get to location
RIH with tubing, circulate hole, sting into retainer, perform injection test
Call Denver with injection test results (Chris Caplis - 303-601-4884)
Pump 20 bbl of mud flush.
Pump 550 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.
Wait 48 hours, run CBL
Test casing above retainer to 3300 psi
If casing tests, drill out cement and retainer - Drill to the top of the kill plug only (6,030'). If test fails, contact Denver.
Test squeeze perfs to 1,500 psi
If squeeze perfs hold, drill out all remaining plugs and land tubing. If perfs do not hold, contact Denver.
Put well to Final Sales

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

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

4 1/2" 11.6 #/ft E-80 casing capacity:
.0155 bbls/ft
64.34 Linear ft per bbl
.0872 cuft/Linear ft
11.46 Linear ft/cuft

	Gals SLF	Gross Int	Stages	Sands	Holes	Gross Pay	Top of Cmt	Top of MV	Top of Gas	Tubing Depth
Well Totals							3720	5079	6140	

	Horz Rch	Max Angle	@ Depth	Max DLS	@ Depth		MD-TVD	Flt Collar	CBL TMD
								8306	

Western Slope Well Services LLC.

Well Information	
Company	Williams
Companyman	Kestral Dickerson
Well Number	SP 522-14
Pad Number	SP 14-95
TYPE OF TEST	Production Casing Pressure Test
Units	PSI/minutes

Pressure Test Info	
Start time	10/9/10 6:41:32 AM
Stop time	10/9/10 7:12:58 AM
Start Pressure	3301
End Pressure	3019
Pressure Loss PSI	282 Psi / 15 Min
Manifold Test	0