Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, February 18, 2010 1:52 PM
To: 'William_Lucas@xtoenergy.com'
Cc: Roberts, Kelly G, EMNRD; Perrin, Charlie, EMNRD; Ezeanyim, Richard, EMNRD
Subject: Canyon SWD-1119 Point Lookout disposal interval

Hello Derick:
Thanks for the requested fluid level and salinity information.
From the engineering bureau's viewpoint, you are set to begin injection.

Please call the Aztec district office and make sure they are ready - they will need an MIT on the annulus and may want to witness this.

Please read the stipulations in the disposal permit for any other items. You can download a copy on the OCD web site - for convenience, here is a link:

http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pKVR0810256532

You should also be familiar with OCD rules on injection/disposal. You can access these rules on the OCD web site at:
http://www.emnrd.state.nm.us/ocd/documents/20098-5currentrules-new17and39.pdf
Just click on the "injection" link on the first page or so of these rules.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----
From: William_Lucas@xtoenergy.com [mailto:William_Lucas@xtoenergy.com]
Sent: Thursday, February 18, 2010 1:41 PM
To: Jones, William V., EMNRD
Subject: Canyon SWD-1119 Point Lookout disposal interval

Will,
The fluid level 2/17/10 was 2,800' from the surface, or 1,300' from the bottom perf.

Thanks for your help.

Derick Lucas
Production Engineer
San Juan, NM
XTO Energy
Cell: 505-787-0663
Office: 505-333-3100

"Jones, William V., EMNRD" <William.V.Jones@state.nm.us>

To: <William_Lucas@xtoenergy.com>

cc:

02/18/2010 01:24 PM

Subject: RE: Canyon SWD

Hello William:
What is the disposal permit number?

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

-----Original Message-----
From: William_Lucas@xtoenergy.com [mailto:William_Lucas@xtoenergy.com]
Sent: Thursday, February 18, 2010 11:04 AM
To: Jones, William V., EMNRD
Subject: Canyon SWD

Will Jones,
We acidized the Canyon SWD #1 (API# 30-045-34454) on 2/12/10 with 2,584 gals of 15% HCl. We estimate that we put a total of 165 barrels of fluid into the formation before beginning to swab. We have recovered 350 barrels of fluid. Attached are two fluid analysis. The first is from after removing 250 barrels of water. Our TDS at this point was 463,233 Mg/L with Chlorides at 280,000 Mg/L. The second test, after removing 300 barrels of water contained a TDS of 65,177Mg/L and Chlorides at 38,800 Mg/L.
With these results, will you give me written approval that we can proceed with preparing this well to inject? We will be fracing the well and running an injection test next.
Please let me know if you need more information.

Thanks

(See attached file: canyon swd 250 bbls.pdf)(See attached file: canyon swd 300 bbls.pdf)
Derick Lucas Production Engineer San Juan, NM XTO Energy
Cell: 505-787-0663
Office: 505-333-3100

Jones, William V., EMNRD

From: William_Lucas@xtoenergy.com
Sent: Thursday, February 18, 2010 11:04 AM
To: Jones, William V., EMNRD
Subject: Canyon SWD
Attachments: canyon swd 250 bbls.pdf; canyon swd 300 bbls.pdf

Will Jones,
We acidized the Canyon SWD #1 (API# 30-045-34454) on 2/12/10 with 2,584 gals of 15% HCl. We estimate that we put a total of 165 barrels of fluid into the formation before beginning to swab. We have recovered 350 barrels of fluid. Attached are two fluid analysis. The first is from after removing 250 barrels of water. Our TDS at this point was 463,233 Mg/L with Chlorides at 280,000 Mg/L. The second test, after removing 300 barrels of water contained a TDS of 65,177Mg/L and Chlorides at 38,800 Mg/L.
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Please let me know if you need more information.

Thanks

(See attached file: canyon swd 250 bbls.pdf)(See attached file: canyon swd 300 bbls.pdf)
Derick Lucas Production Engineer San Juan, NM XTO Energy
Cell: 505-787-0663
Office: 505-333-3100

HALLIBURTON

Water Analysis Report

To:	XTO Energy	Date:	2/18/2010
Submitted by:	Halliburton Energy Services	Date Rec:	2/18/2010
Attention:	William Lucas	Report #:	FLMM10044
Well Name:	Canyon SWD #1 2nd Sample		

Specific Gravity	1.040	
pH	6.4	
Resistivity	0.27	@ 70° F
Iron (Fe)	500	Mg / L
Potassium (K)	450	Mg / L
Sodium (Na)	24351	Mg / L
Calcium (Ca)	128	Mg / L
Magnesium (Mg)	54	Mg / L
Chlorides (Cl)	38800	Mg / L
Sulfates (SO4)	0	Mg / L
Carbonates (CO3)	0	Mg / L
Bicarbonates (HCO3)	895	Mg / L
Total Dissolved Solids	65177	Mg / L

Respectfully: Anthony Bunny

Title: Lab Technician

Location: Farmington, NM

HALLIBURTON

Water Analysis Report

To:	XTO	Date:	2/16/2010
Submitted by:	Halliburton Energy Services	Date Rec:	2/16/2010
Attention:	William Lucas	Report #:	FLMM10043
Well Name:	Canyon SWD #1		

Specific Gravity	1.040	
pH	6.1	
Resistivity	0.24	@ 70° F
Iron (Fe)	1000	Mg / L
Potassium (K)	450	Mg / L
Sodium (Na)	180233	Mg / L
Calcium (Ca)	104	Mg / L
Magnesium (Mg)	63	Mg / L
Chlorides (Cl)	280000	Mg / L
Sulfates (SO4)	0	Mg / L
Carbonates (CO3)	0	Mg / L
Bicarbonates (HCO3)	1383	Mg / L
Total Dissolved Solids	463233	Mg / L

Respectfully: Anthony Bunny

Title: Lab Technician

Location: Farmington, NM