

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



435
 30-015-29602
 Heavy Metal 12
 Federal #1
 Mesquite SWD

RECEIVED OGD

ABOVE THIS LINE FOR DIVISION USE ONLY

ADMINISTRATIVE APPLICATION CHECKLIST

Existing: SWD-1269

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☒ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or X Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Kay Havenor

Kay Havenor

Agent

4/5/2013

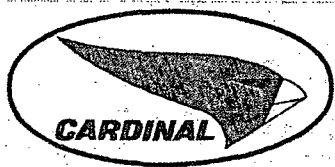
Print or Type Name

Signature

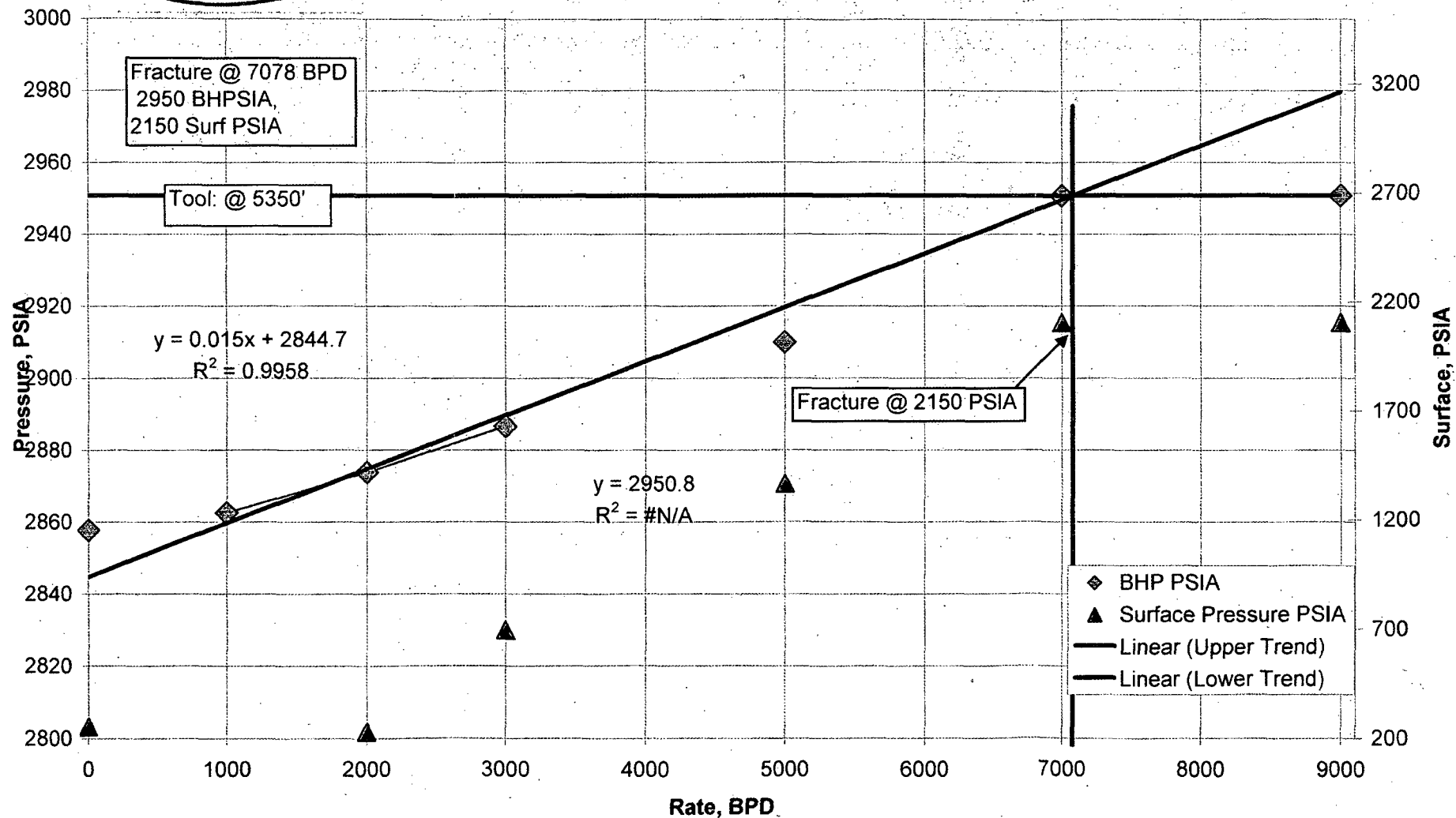
Title

Date

KHavenor@georesources.com
 e-mail Address



Mesquite SWD Heavy Metal No. 1 SWD
Step Rate Test 2-28-13





Kay C. Havenor, Ph.D

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904 Moore Ave
Roswell, New Mexico 88201-1144

April 5, 2013

Mr. William V. Jones, P.E.
Engineering Bureau, OCD
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Application for Injection Pressure Increase
Mesquite SWD, Inc. Heavy Metal 12 Fed #1
SWD-1269 API:30-015-29602

Dear Mr. Jones:

Mesquite SWD, Inc. respectfully requests your consideration of the attached information to support a request for Administrative approval of a pressure increase from the present 883 psi surface pump pressure to a new level of 1,400 psi. The increased pressure is necessary to overcome lower actual disposal depth and handle increased disposal requirements.

The formation open hole interval is 4,550' to 6,140' with 3-½" tubing and packer set in casing at 4,530'. Note: The OCD permitted interval was greater on top and bottom than the actual interval completed because Mesquite reduced the open hole interval to satisfy COG protest.

Inclosed is a Cardinal Step Rate Test dated February 28, 2013.

Respectfully submitted,

Kay Havenor

Kay Havenor
Agent for Mesquite SWD, Inc.

Inclosure: Cardinal Step Rate Test

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