

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



Mesquite
161968
RECEIVED
Doorsate SWD
2011 MAY 24 AM 11:18
30-015-23728

ABOVE THIS LINE FOR DIVISION USE ONLY

ADMINISTRATIVE APPLICATION CHECKLIST

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 ☐ 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	<i>Kay Havenor</i>	Agent	5/23/2011
Print or Type Name	Signature	Title	Date
		KHavenor@georesources.com	
		e-mail Address	

1090-50 = 1040 PSI
NOT 1800
State Eddy
SWD - 247
247-A
IPI - 318
Salt Top @ 2362'
2648' - 3500'



Kay C. Havenor, Ph.D

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904 Moore Ave
Roswell, New Mexico 88201-1144

May 23, 2011

New Mexico Oil Conservation Division
Engineering Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Injection Pressure Increase Request
Mesquite SWD, Inc. Dorstate SWD #1
Sec. 27, T25S-R28E 1980' FNL & 660' FEL
Eddy Co., NM API 30-015-23728 SWD-247-A

Mesquite SWD, Inc., OGRID 161968, is requesting an exception to the approved injection pressure of 516 psi for the Dorstate SWD #1. The Dorstate is perforated (OA) 2,648' - 3,500' w/133 shots in the Delaware Mountain Group. Based upon the attached Step Rate Test data, Mesquite requests the allowable surface injection pressure be raised to 1,800 psi.

This increase is necessary to accommodate the increasing local area requirement to dispose of produced water.

Thank you for your assistance. Please contact me should any questions arise.

Respectfully submitted,

A handwritten signature in cursive script that reads "Kay Havenor".

Kay Havenor
Agent for Mesquite SWD, Inc.

Attachments: Step Rate charts for Dorstate SWD #1

Mesquite SWD, Inc.
Dorstate SWD #1
SWD 247-A

