

March 19, 2012

Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: William Jones

Re: Request for Increase in Maximum Surface Tubing Pressure
Order SWD-1310
Delaware Ranch SWD #1
Mewbourne Oil Company

Mr. Jones,

After receiving order SWD-1310-A dated February 3, 2012, Mewbourne Oil Company continued injecting into perforations at 4434' to 4584' with a maximum surface injection pressure of 887 psi. Unfortunately, the injection capabilities of this well at the current configuration are not sufficient for our needs in this area.

We are proposing to add perforations at 3696' to 4157' to increase the injectivity of the well under the original order SWD-1310. Subsequently, we are requesting that the maximum surface tubing pressure be increased to **739 psi** reflecting the actual top perforation ($0.2 \text{ psi/ft} \times 3696 \text{ ft}$). The current maximum pressure allowed under order SWD-1310 is 534 psi. If approved, the interval open for injection would be between 3696 and 4584'. Please find attached a wellbore schematic with the noted changes.

If you require additional information, please contact me (432) 682-3715 or via email at drobison@mewbourne.com.

Sincerely,

MEWBOURNE OIL COMPANY



Drew Robison
Reservoir Engineer

Mewbourne Oil Company
Delaware Ranch SWD #1
660 FSL & 660 FEL Section 11-26S-28E
3001522734

Current Schematic

Date Updated: 3/12/11

10 3/4"

Set @ 306'

Pumped 100sx
circ to surface

8 5/8"

Set @ 232'

Pumped 100sx
circ to surface

*found hole in 10 3/4" csg during re-entry

Order SWD-1310
Approved Injection Interval
2670'-4700'

7 7/8" Hole

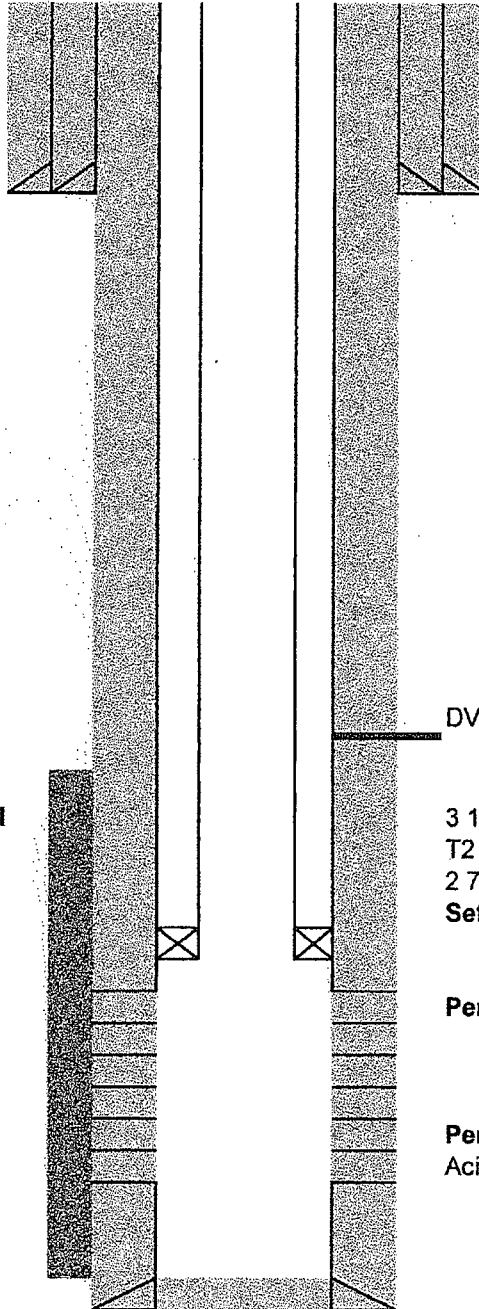
5 1/2" 17# J-55

Set @ 4720'

Cmt 1st Stage w/500 sx

Cmt 2nd Stage w/600 sx

*Circ 15 sx cmt to pit



DV tool @ 2516'

3 1/2" J-55 9.3# IPC tbg

T2 O/O tool

2 7/8" x 5 1/2" Arrowset pkr

Set @ 3650'

Perfs 3696-4157 (added)

Perfs 4434' - 4584' (original)

Acidized w/ 10kgals 7 1/2% HCL

Jones, William V., EMNRD

From: Drew Robison [drobison@Mewbourne.com]
Sent: Monday, March 19, 2012 2:25 PM
To: Jones, William V., EMNRD
Subject: SWD 1310 - Additional perforations
Attachments: Max Surface Pressure Increase Letter2 (SWD-1310).pdf; Delaware Ranch SWD Order.pdf; SWD Order 2.tif; pic04827.gif

(See attached file: Max Surface Pressure Increase Letter2 (SWD-1310).pdf) (See attached file: Delaware Ranch SWD Order.pdf)(See attached file: SWD Order 2.tif)

Mr. Jones,

Please find attached a letter requesting additional perforations and an corresponding maximum surface injection pressure. I have also attached copies of the two previous orders for your convenience. Our previous perforations do not meet our future required disposal capacity for the area. Thank you for your help and let me know if there is anything else you need.

(Embedded image Drew Robison
moved to file: Reservoir Engineer
pic04827.gif) Mewbourne Oil Company
500 W. Texas, Suite
1020
Midland, Tx 79701 US

Phone: (432)682-3715 | Fax: (432)683-3902
Cell: (918)605-0210
Email: drobison@mewbourne.com