

# MERIDIAN OIL

September 13, 1989

State of New Mexico  
Energy, Minerals, & Natural Resources Department  
Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

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SEP 25 1989

OIL CON. DIV.  
DIST. 3

RE: Cedar Hill SWD #1  
NW/NE Section 29; T32N-R10W  
San Juan County, New Mexico  
Request for Increased Surface  
Injection Pressure

Gentlemen:

Order SWD-337 dated May 2, 1988, established a limiting surface injection pressure of 1510 psi for the captioned well. Subsequent operation of the well has resulted in an increased surface injection pressure and reduced injection rate.

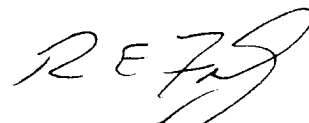
A step-rate injection test was run August 31, 1989, under the auspices of the New Mexico Oil Commission. The results of this test: a Bottom hole pressure vs. Injection rate plot, surface pressure data and bottom-hole pressure data are appended.

Meridian Oil requests that the surface injection pressure be increased to 2034 psi. The corresponding injection rate is 6 BPM with a measured bottom-hole pressure (BHP) of 5107 psi at 8180'.

An attached radioactivity log of the IR-192 injected during the test demonstrates that the primary zone of entry is the Entrada formation. No fracture height growth is evident in the Morrison formation, the upper perforated zone.

Your timely response to this request will be appreciated.

Respectfully,



R. E. Fraley  
Regional Production Engineer

REF:CRB:lar