

MAR 30 1993



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MECHANICAL INTEGRITY REPORT

Facility Number <b>56</b>	API Number <b>009 06028</b>	Well Name and Number <b>Mayberry SWD 2</b>
Field <b>Greenwood</b>	Location (1/4 1/4, Sec., Twp., Rng.) <b>SWNW 10-34S-41W</b>	
Operator <b>Midwestern Exploration Co</b>		
Operator Address <b>P.O. Box 1884</b>	City <b>Liberal</b>	State <b>KI</b>
Operator's Representative at Test <b>Harold Frauli</b>		Zip Code <b>67905</b>
		Area Code Phone Number <b>( )</b>

- If both Part I and Part II are not completed, the mechanical integrity test cannot be approved and will be returned to the operator.
- Prior to performing any required pressure test, notice must be given to the Commission.
- A pressure chart must accompany this report, if the pressure test was not witnessed by a state representative.
- Facility numbers and API numbers are available at the Commission upon request.

**PART I** (Choose one of the following options)

- 1. Pressure test**— (Pressure tests should be a minimum of 15 minutes, at 300 psi or minimum injection pressure whichever is greater. A minimum 300 psi differential pressure must be maintained between tubing and tubing/casing annulus pressures.)

**A. Well Data at Time of Test**

Tubing Size <b>2 7/8</b>	Tubing Depth <b>815</b>	Top Packer Depth <b>815</b>	Multiple Packers Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Bridge Plug Depth <b>—</b>	Injection Zone(s), name <b>GLRT</b>		Injection Interval (gross) <b>922-1017</b>
Injected Thru <input checked="" type="checkbox"/> Perforations <input type="checkbox"/> Open Hole	Test Witnessed by State Rep. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

**B. Casing Test Data**

Test Date <b>11/23/92</b>	Well Status During Pressure Test Injecting <input type="checkbox"/> Shut-in <input checked="" type="checkbox"/> Open <input type="checkbox"/>		Date of Last Approved MIT <b>7/27/88</b>
Starting Casing Press. <b>360</b>	Final Casing Press. <b>360</b>	Pressure Loss or Gain During Test <b>0</b>	
Initial Tubing Press. <b>0</b>	Tubing Press.—5 min <b>0</b>	Tubing Press.—10 min <b>0</b>	Tubing Press.—15 min <b>0</b>

- 2. Monitoring Tubing - Casing Annulus Pressure**

Procedure must be approved prior to initiation and only after satisfactorily passing an initial pressure test.

Date of Pressure Test	Test Pressure	Date Pressure Test Approved	Monitoring to start (Month, Year)
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- 3. Alternate Test Approved by Director** (See Rule 327) Attach procedures and logs with report. Procedures subject to review by EPA.

**PART II** (Choose one of the following options) Attach records, charts, logs where appropriate.

- 1. Cementing Records** — (valid only for injection wells in existence prior to July 1, 1986)

	Casing Size	Hole Size	Depth Set	No. Sacks Cement	Calculated Cement Tops
Surface Casing	<b>8 5/8</b>	<b>12 1/4</b>	<b>1319</b>	<b>560</b>	<b>surface</b>
Production Casing	<b>5 1/2</b>	<b>8 5/8 Surf Pipe</b>	<b>844</b>	<b>110</b>	<b>surface</b>
Stage Tool			<del>110</del>		

- |  |           |  |           |
|--|-----------|--|-----------|
| <input type="checkbox"/> <b>2. Tracer Survey</b> | Test Date | <input type="checkbox"/> <b>4. Temperature Survey</b>                  | Test Date |
| <input type="checkbox"/> <b>3. CBL or equiv.</b> | Test Date | <input type="checkbox"/> <b>5. Alternate Test Approved by Director</b> |           |
- (See Rule 327) Attach procedures and logs with report. Procedures subject to review by EPA.

I hereby certify that the statements herein made are true and correct.

Signed <u><i>Walter Latta</i></u>	Title <u>Vice-President</u>	Date <u>03-26-93</u>
For State Use <u><i>Ed A. Matus</i></u>	Title <u>SR. PETROLEUM ENGINEER</u>	Date <u>APR 21 1993</u>
Approved by <u><i>Ed A. Matus</i></u>	Title <u>O &amp; G Cons. Comm.</u>	

Conditions of approval, if any:

well is required to be pressure tested at the next <sup>COGCC</sup> inspection.

WELL NAME: MAYBERRY #2 SWD

LOCATION: NW SW NE SEC. 10-34S-41W

COUNTY, STATE: BACA CO., COLORADO

KB 3611  
DF 3609  
GL 3603

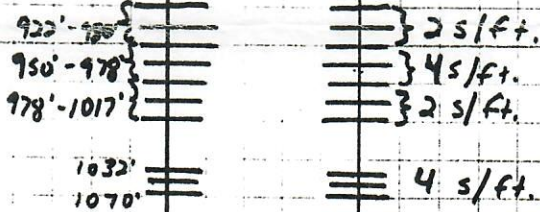
TUBING:

2 7/8" 6.5#  
SET @ 815'  
26 JTS. - TOT. FOOTAGE

5 1/2" 15.5#  
GRADE B Casing  
set in sleeve @  
844' and  
Cmt'd to Surface  
w/ 60SX LITE +  
50SX CLASS C CMT  
8 5/8" x 5 1/2" CMTG  
SLEEVE @ 844'

26 JOINTS of  
2 7/8" 6.5# Tbg  
in 5 1/2" x 2 7/8" SK  
Shear PER SA 815'  
with 15000# Tension

CMT  
CIRCULATED  
TO SURFACE  
w/ GOOD  
CIRCULATION  
CMT AT  
SURFACE -  
DID NOT  
FALL



||||| PBTD @ 1243'

8 5/8" CSG @ 1319' w/ 560 SX

TD 4500'