

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION  
Department of Natural Resources



**MECHANICAL INTEGRITY REPORT**

Facility Number <b>81</b>	API Number <b>05-007-06047-0</b>	Well Name and Number <b>SPAULDING #4B</b>	
Field <b>LOVE PINE</b>	Location (1/4, Sec., Twp., Rng.) <b>SW SE SEC 28-9N-R81W</b>		
Operator <b>BURTON HAWKS INC</b>			
Operator Address <b>P.O. Box 359</b>		City <b>CASPER</b>	State <b>WYO</b>
Operator's Representative at Test <b>RICH POLINSKI</b>		Area Code <b>(307)</b>	Phone Number <b>234-1593</b>
		Zip Code <b>82602</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.
- Notice must be given to the Commission prior to performing any required pressure test.
- 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>2171</b>	Top Packer Depth <b>2410</b>	Multiple Packers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Bridge Plug Depth <b>N/A</b>	Injection Zone(s), name <b>LAKOTA/DAKOTA</b>	Injection Interval (gross) <b>2323 to 2466</b>	
Injected Thru <input checked="" type="checkbox"/> Perforations <input type="checkbox"/> Open Hole	Test Witnessed by State Rep. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

**B. Test Data**

Test Date <b>10-15-89</b>	Date of Last Approved Mechanical Integrity Test <b>12-13-84</b>	
Starting Test Pressure <b>465 PSIG</b>	Final Test Pressure <b>450 PSIG</b>	Pressure Loss or Gain During Test <b>-15 PSIG</b>
Tubing Pressure During Test <b>20 PSIG</b>	Well Status During Pressure Test <input type="checkbox"/> Injecting <input checked="" type="checkbox"/> Shut-in <input type="checkbox"/> Open	

- 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) 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. Skis Cement	Calculated Cement Tops
Surface Casing					
Production Casing					
Stage Tool					

- 2. Tracer Survey** Test Date \_\_\_\_\_
- 3. CBL or equivalent** Test Date **8-9-72**
- 4. Temperature Survey** Test Date \_\_\_\_\_
- 5. Alternate Test Approved by Director** (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 Rich Polinski Title ENGINEER Date 10.15.89

**For State Use:**

Approved by Ed DiMattera Title SR. PETROLEUM ENGINEER O & G Cons. Comm Date OCT 20 1989

Conditions of approval, if any: \_\_\_\_\_



COLORADO OIL AND GAS CONSERVATION COMMISSION - UIC FIELD REPORT

FAC# 81 API# 057 06047 0 INSPECTOR L. Robbins DATE 10/15/89

WELL NAME SPAULDING 4-B TYPE D SITE INSPECTION \_\_\_\_\_

FIELD 51375 LONE PINE STATUS SI WITNESS MIT X

OPER 12100 BURTON HAWKS INC

LOCATION SWSE 28 9.0N 81.0W 6

MAX PERMITTED PRESS 1500 PSI DATE LAST INSPECTION 10/12/88 OUTCOME A  
LAST REPORTED PRESS PSI 07/89 DATE LAST MIT 12/13/84  
WELL RESTRICTIONS CURRENTLY HAS NPDES PERMIT, WELL NOT IN USE  
REMEDIAL ACTION  
COMPLETION TYPE TP

TUBING PRESSURE		ZONE	DK-LK	PERFS	
MIT _____	INJECTING _____	PSI			
MIT <u>X</u>	NOT INJECTING <u>20</u>	PSI	TOP 2323		
			BOT 2466		
TUBING-CASING ANNULUS	<u>0</u>	PSI			
BRAIDENHEAD	<u>-</u>	PSI			

MECHANICAL INTEGRITY TEST				CASING
0 MIN.	<u>465</u>	PSI		SIZE 8 5/8
5 MIN.	<u>460</u>	PSI	MIT	DEPTH 250
10 MIN.	<u>455</u>	PSI	PACKER	SIZE 5 1/2
15 MIN.	<u>450</u>	PSI	DEPTH _____	DEPTH 2553
PRESS CHANGE	<u>-15</u>	PSI		SIZE /
CHART USED - YES _____	NO <u>X</u>			DEPTH /

ACCEPTABLE X NOT ACCEPTABLE \_\_\_\_\_

REMARKS: Pressured backside to 465 psig for test. Lost 15 psig after 15 minute test interval. Held OK, passed test.

J. Robbins

PACKER	2140
LINER	
TOP	
SIZE	/
DEPTH	
PBTVD	
TVD	