

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601



00523149

## Test Ticket

No 5603

Well Name & No. <u>LOWE 1-17</u>	Test No. <u>1</u>	Date <u>1-12-93</u>
Company <u>LEEDIE EXPLORATION</u>	Zone Tested <u>SPEARLEN</u>	
Address <u>BOX 13586 DENVER CO</u>	Elevation <u>4352 GR 4360 H3</u>	
Co. Rep./Geo. <u>SMISE</u>	Cont. <u>EMPHASIS DRILL</u>	Est. Ft. of Pay <u>        </u>
Location: Sec. <u>17</u> Twp. <u>15</u> Rge. <u>4W</u>	Co. <u>CHEYENNE</u>	State <u>CO</u>
No. of Copies <u>        </u>	Distribution Sheet <u>        </u>	Yes <u>        </u> No <u>        </u> Turnkey <u>        </u> Yes <u>        </u> No <u>        </u> Evaluation <u>        </u>

Interval Tested <u>5366 5434</u>	Drill Pipe Size <u>4 1/2 X TT</u>
Anchor Length <u>68</u>	Top Choke — 1" <u>        </u> Bottom Choke — 3/4" <u>        </u>
Top Packer Depth <u>5361</u>	Hole Size — 7 7/8" <u>        </u> Rubber Size — 6 3/4" <u>        </u>
Bottom Packer Depth <u>5366</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>        </u>
Total Depth <u>5434</u>	Drill Collar — 2.25 Ft. Run <u>150</u>
Mud Wt. <u>8.3 LCM 10</u> lb/gal	Viscosity <u>51</u> Filtrate <u>8.0</u>
Tool Open @ <u>3:02 AM</u> Initial Blow <u>Good Blow OFF BOTTOM IN 4 MIN 45 SFS</u>	
Final Blow <u>Good Blow OFF BOTTOM IN 4 MIN 45 SEC</u>	

Recovery — Total Feet <u>1590</u>	Feet of Gas In Pipe <u>        </u>	Flush Tool? <u>        </u>
Rec. <u>575</u> Feet Of <u>TR FOIL IN Mud</u>	%gas <u>TR</u> %oil <u>        </u> %water <u>        </u> %mud <u>        </u>	
Rec. <u>1015</u> Feet Of <u>WATER</u>	%gas <u>        </u> %oil <u>100</u> %water <u>        </u> %mud <u>        </u>	
Rec. <u>        </u> Feet Of <u>(MUD MAN CHLORIDE)</u>	%gas <u>        </u> %oil <u>        </u> %water <u>        </u> %mud <u>        </u>	
Rec. <u>        </u> Feet Of <u>5000 PPM</u>	%gas <u>        </u> %oil <u>        </u> %water <u>        </u> %mud <u>        </u>	
Rec. <u>        </u> Feet Of <u>        </u>	%gas <u>        </u> %oil <u>        </u> %water <u>        </u> %mud <u>        </u>	

BHT <u>142</u> °F Gravity <u>        </u> °API @ <u>        </u> °F Corrected Gravity <u>        </u> °API
RW <u>0.88</u> @ <u>70</u> °F Chlorides <u>6500</u> ppm Recovery Chlorides <u>7000</u> ppm System
(A) Initial Hydrostatic Mud <u>2570</u> PSI Ak1 Recorder No. <u>13308</u> Range <u>4700</u>
(B) First Initial Flow Pressure <u>145</u> PSI @ (depth) <u>5368</u> w/Clock No. <u>22992</u>
(C) First Final Flow Pressure <u>213</u> PSI AK1 Recorder No. <u>11057</u> Range <u>4500</u>
(D) Initial Shut-In Pressure <u>1006</u> PSI @ (depth) <u>5429</u> w/Clock No. <u>7452</u>
(E) Second Initial Flow Pressure <u>269</u> PSI AK1 Recorder No. <u>        </u> Range <u>        </u>
(F) Second Final Flow Pressure <u>660</u> PSI @ (depth) <u>        </u> w/Clock No. <u>        </u>
(G) Final Shut-In Pressure <u>1006</u> PSI Initial Opening <u>10</u> Test <u>✓</u>
(H) Final Hydrostatic Mud <u>2524</u> PSI Initial Shut-In <u>60</u> Jars <u>✓</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow <u>60</u>	Safety Joint <u>✓</u>
Final Shut-In <u>120</u>	Straddle <u>        </u>
	Circ. Sub <u>✓ NC</u>
	Sampler <u>✓</u>

Approved By Mark Hershey

Our Representative Mark Hershey



# TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 5608 Date 1-12-92  
Company Name LEEDIE Exploration  
Lease LOWE 1-15 Test No. 1  
County CHEYENNE CO Sec. 17 Twp. 15 Rng. 64W

### SAMPLER RECOVERY

Gas — ML  
Oil 100 ML  
Mud — ML  
Water 4200 ML  
Other — ML  
Pressure 20 PSI  
Total 4500 ML

SERVICE MUD PIT MUD ANALYSIS TESTER  
Chlorides 7000 ~~6800~~ ppm.  
Resistivity 0.70 ohms @ 90 F  
Viscosity 51  
Mud Weight 8.3 LCM 10<sup>#</sup>  
Filtrate 8.0 PH 10.0  
Other PV 14 YP 21  
GEL STRENGTH 10-24

### SAMPLER ANALYSIS

Resistivity 8.8 ohms @ 70 F  
Chlorides 6500 ppm.

Gravity — corrected @ 60 F

MUD MAN CHLORIDES  
5000 PPM.

### PIPE RECOVERY

TOP  
Resistivity 78 ohms @ 64 F  
Chlorides 8000 ppm.

MIDDLE  
Resistivity 78 ohms @ 63 F  
Chlorides 8000 ppm.

BOTTOM  
Resistivity 8.2 ohms @ 68 F  
Chlorides 6500 ppm.

C

C

