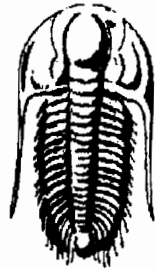


15-051-25512

35-13s-20w

Well is C-4,
not C-1 as
printed.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **CWB Company**

40837 Bear Creek Rd
Springville CA 93265

ATTN: James Hertel

35 13S 20W Ellis KS

Drilling # C-4 4

Start Date: 2006.05.08 @ 15:09:11

End Date: 2006.05.08 @ 22:02:41

Job Ticket #: 25029 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

CWB Company

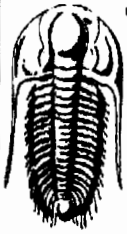
Drilling # C-4 4

35 13S 20W Ellis KS

DST # 1

Ragan Sand

2006.05.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CWB Company
40837 Bear Creek Rd
Springville CA 93265
ATTN: James Hertel

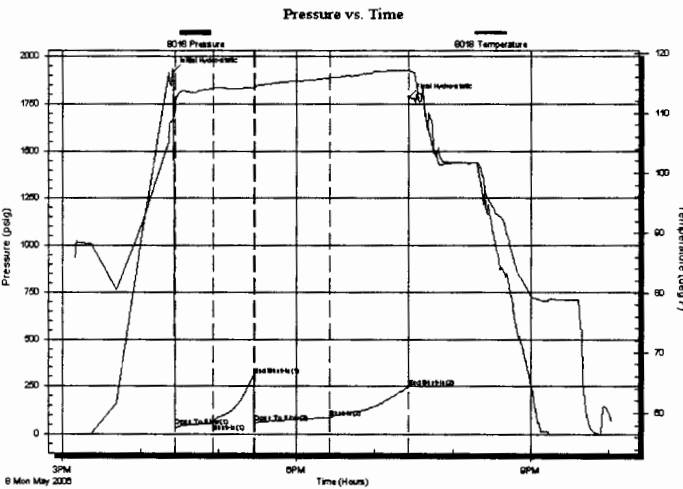
Dreiling # C-1
35 13S 20W Ellis KS
Job Ticket: 25029 **DST#: 1**
Test Start: 2006.05.08 @ 15:09:11

GENERAL INFORMATION:

Formation: **Ragan Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:26:41
Time Test Ended: 22:02:41
Interval: **3803.00 ft (KB) To 3828.00 ft (KB) (TVD)**
Total Depth: 3893.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle
Tester: John Schmidt
Unit No: 31
Reference Elevations: 2230.00 ft (KB)
2225.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 85.09 psig @ 3804.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.05.08 End Date: 2006.05.08 Last Calib.: 2006.05.08
Start Time: 15:09:16 End Time: 22:02:40 Time On Btm: 2006.05.08 @ 16:25:11
Time Off Btm: 2006.05.08 @ 19:26:10

TEST COMMENT: IF Strong BOB10"
ISI Dead
FF Strong BOB33"
FSI-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1920.33	109.03	Initial Hydro-static
2	40.09	112.04	Open To Flow (1)
31	58.18	114.17	Shut-In(1)
62	306.60	114.29	End Shut-In(1)
63	63.07	114.29	Open To Flow (2)
121	85.09	115.90	Shut-In(2)
181	245.38	117.06	End Shut-In(2)
181	1785.64	117.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	GOCM 5%G 40%O 55%M	1.12
90.00	GO 10%G 90%O	1.26
0.00	290 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CWB Company
40837 Bear Creek Rd
Springville CA 93265

ATTN: James Hertel

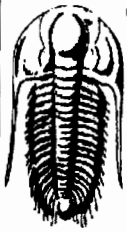
Dreiling # C-1
35 13S 20W Ellis KS
Job Ticket: 25029 **DST#: 1**
Test Start: 2006.05.08 @ 15:09:11

Tool Information

Drill Pipe:	Length: 3813.00 ft	Diameter: 3.80 inches	Volume: 53.49 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 53.49 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3803.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	3828.00 ft			
Interval between Packers:	25.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3784.00	
Shut In Tool	5.00			3789.00	
Hydraulic tool	5.00			3794.00	
Packer	4.00			3798.00	20.00 Bottom Of Top Packer
Packer	5.00			3803.00	
Stubb	1.00			3804.00	
Recorder	0.00	8018	Inside	3804.00	
Perforations	23.00			3827.00	
Recorder	0.00	13308	Outside	3827.00	
Blank Off Sub	1.00			3828.00	25.00 Tool Interval
Packer	0.00			3828.00	
Stubb	1.00			3829.00	
Perforations	2.00			3831.00	
Change Over Sub	1.00			3832.00	
Recorder	0.00	11084		3832.00	
Blank Spacing	61.00			3893.00	65.00 Bottom Packers & Anchor
Total Tool Length:	110.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CWB Company
40837 Bear Creek Rd
Springville CA 93265
ATTN: James Hertel

Dreiling # C-1
35 13S 20W Ellis KS
Job Ticket: 25029 **DST#: 1**
Test Start: 2006.05.08 @ 15:09:11

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	GOCM 5%G 40%O 55%M	1.122
90.00	GO 10%G 90%O	1.262
0.00	290 GIP	0.000

Total Length: 170.00 ft Total Volume: 2.384 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8018

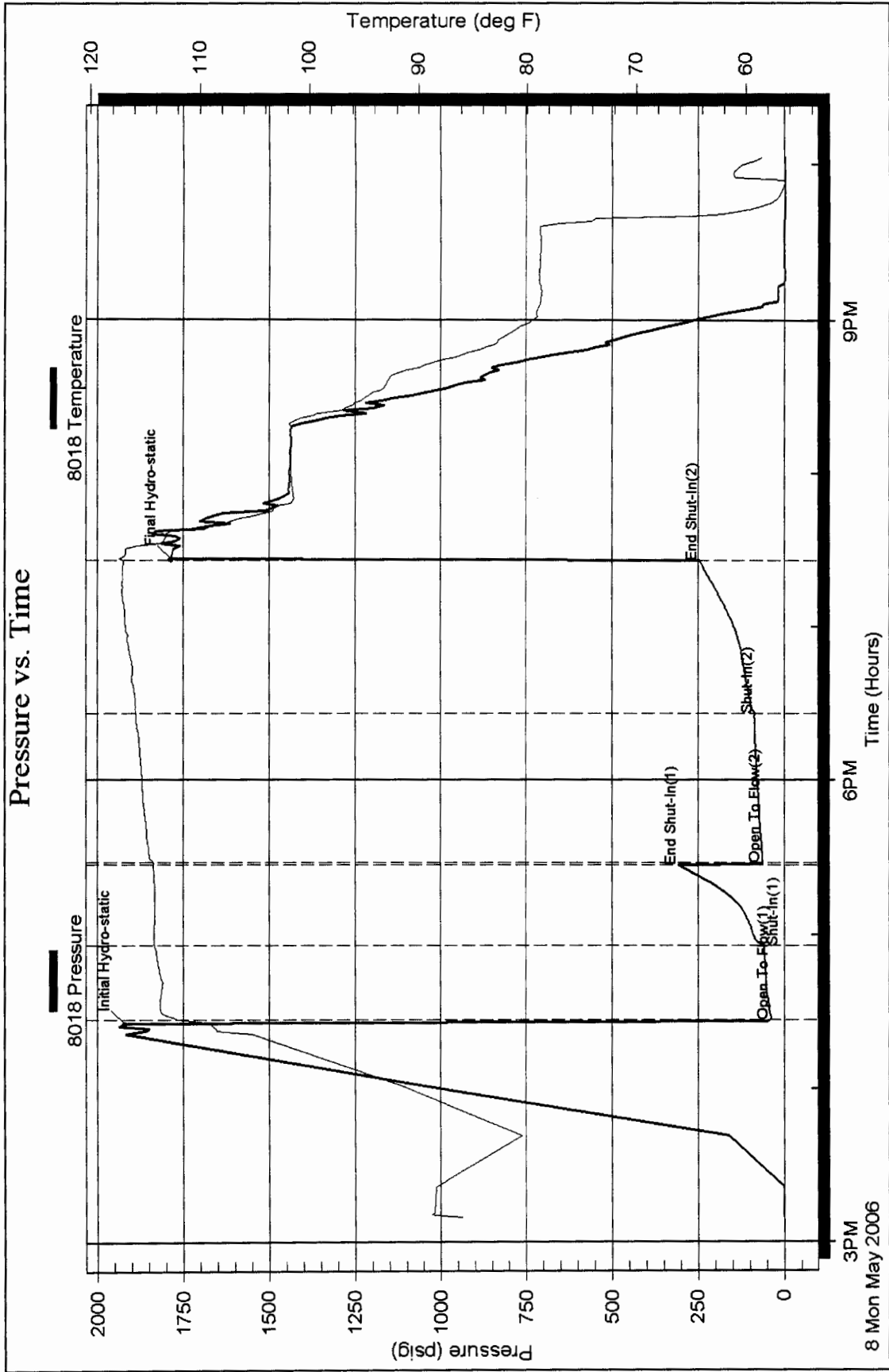
Inside

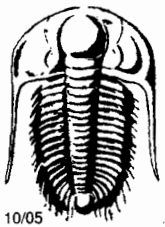
CWB Company

35 13S 20W Ellis KS

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8723

25029

Test Ticket

Well Name & No. DREILING #C-1 Test No. *1 Date 5-8-06
 Company CWB-COMPANY Zone Tested RAGAN SAND
 Address 40837 BEAR CREEK RD, SPRINGVILLE, CA, 93265 Elevation 2230 KB 2225 GL
 Co. Rep / Geo. RANDY KILIAN Rig A4A
 Location: Sec. 35 Twp. 13S Rge. 20W Co. ELLIS State KS
 Comment: _____ Release date / time: _____

Interval Tested 3803 To 3828 Initial Str Wt./Lbs. 40,000 Unseated Str Wt/Lbs. _____
 Anchor Length 25' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 3798 + 3803 Tool Weight 2,200
 Bottom Packer Depth 3828 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3893 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.3 LCM 3# Vis. 54 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3813
 Blow Description IF-STRONG B.O.B. 10-MIN. IST- DEAD
FF-STRONG B.O.B. 33-MIN. FSI-

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>170'</u>	<u>290</u>	<u>0</u>	<u>170'</u>
Rec. <u>80</u>	Feet of <u>OCM</u>	<u>5</u> %gas <u>40</u> %oil	<u>55</u> %water <u>55</u> %mud
Rec. <u>90</u>	Feet of <u>CASSY OIL</u>	<u>10</u> %gas <u>90</u> %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
BHT <u>117</u>	'F Gravity <u>36</u>	'API D @ <u>60</u>	'F Corrected Gravity <u>36</u> 'API _____
RW _____ @ _____ 'F	Chlorides _____ ppm	Recovery _____	Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1920</u> PSI	<u>8018</u>	<u>STRADDLE 1000</u>
(B) First Initial Flow Pressure		<u>40</u> PSI	(depth) <u>3804</u>	Jars _____
(C) First Final Flow Pressure		<u>58</u> PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>306</u> PSI	(depth) <u>3827</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>63</u> PSI	Recorder No. <u>11084</u>	Sampler _____
(F) Second Final Flow Pressure		<u>85</u> PSI	(depth) <u>3832</u>	Straddle <u>✓ 350</u>
(G) Final Shut-In Pressure		<u>245</u> PSI	Initial Opening <u>30</u>	Ext. Packer <u>✓ 200</u>
(Q) Final Hydrostatic Mud		<u>1808</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>RT-36 45</u>

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Approved By [Signature]
 Our Representative [Signature]

T-On Location	<u>14:00</u>	Sub Total:	<u>1595</u>
T-Started	<u>15:09</u>	Std. By	<u>[Signature]</u>
T-Open	<u>16:26</u>	Acc. Chg:	_____
T-Pulled	<u>19:26</u>	Other:	_____
T-Out	<u>22:02</u>	Total:	_____