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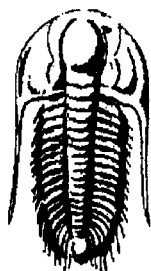
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**TRILOBITE
TESTING, INC.**

ORIGINAL

DRILL STEM TEST REPORT

Prepared For: **OXY USA INC**

P.O Box 2528
Liberal KS 67905

KCC

DEC 06 2001

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ATTN: Tom

23 34S 35W Stevens

Elerding B-1

Start Date: 2001.09.20 @ 04:53:30

End Date: 2001.09.20 @ 16:23:15

Job Ticket #: 14265 DST #: 1

OXY USA INC

Elerding B-1

23 34S 35W Stevens

DST # 1

Morrow

2001.09.20

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

OXY USA INC
P.O. Box 2528
Liberal KS 67905
ATTN: Tom

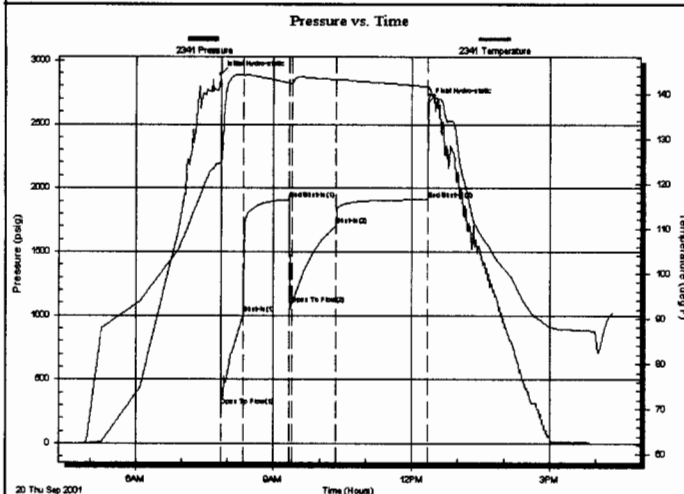
Elerding B-1
23 34S 35W Stevens
Job Ticket: 14265 **DST#: 1**
Test Start: 2001.09.20 @ 04:53:30

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:51:15
Time Test Ended: 16:23:15
Interval: **5867.00 ft (KB) To 5885.00 ft (KB) (TVD)**
Total Depth: 5885.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Jakki Kreklau
Unit No: 17
Reference Elevations: 2989.00 ft (KB)
2977.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: **2341** Inside
Press@RunDepth: 1706.37 psig @ 5868.00 ft (KB)
Start Date: 2001.09.20 End Date: 2001.09.20 Capacity: 7000.00 psig
Last Calib.: 2001.01.21
Start Time: 04:53:31 End Time: 16:23:15 Time On Btm: 2001.09.20 @ 07:50:00
Time Off Btm: 2001.09.20 @ 12:22:00

TEST COMMENT: IF- fair blow BOB in 2 mins thru opening
IS- fair blow blow back built to 5 1/2 inches thru opening
FF- fair blow BOB in 2 mins thru opening
FSI- weak blow blow back built to 1/8 inch thru openin



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2886.84	124.73	Initial Hydro-static
2	295.23	125.07	Open To Flow (1)
31	1011.39	144.07	Shut-In (1)
91	1908.53	142.33	End Shut-In (1)
94	1088.03	142.30	Open To Flow (2)
151	1706.37	143.11	Shut-In (2)
271	1910.17	141.56	End Shut-In (2)
272	2672.31	141.56	Final Hydro-static

Recovery

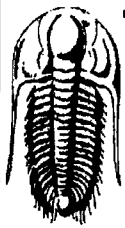
Length (ft)	Description	Volume (bbl)
370.00	salty drilg mud 60% water 40% mud	1.82
2970.00	slightly cut gas salt w ater 98% water 2%	39.23

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

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ATTN: Tom

~~FROM CONFIDENTIAL~~ TOTAL DIAGRAM
Elerding B-1

23 34S 35W Stevens

Job Ticket: 14265

DST#: 1

Test Start: 2001.09.20 @ 04:53:30

Tool Information

Drill Pipe:	Length: 5217.00 ft	Diameter: 3.80 inches	Volume: 73.18 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 637.00 ft	Diameter: 2.25 inches	Volume: 3.13 bbl	Weight to Pull Loose: 125000.0 lb
			Total Volume: 76.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	5867.00 ft			Final 120000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	
Tool Comments:				
SI tool was plug off with cuttings				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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S.I. Tool	5.00			5843.00	
Sampler	3.00			5846.00	
HMV	5.00			5851.00	
Jars	5.00			5856.00	
Safety Joint	2.00			5858.00	
Packer	5.00			5863.00	29.00
Packer	4.00			5867.00	
Stubb	1.00			5868.00	
Recorder	0.00	2341	Inside	5868.00	
Perforations	14.00			5882.00	
Recorder	0.00	13278	Inside	5882.00	
Bullnose	3.00			5885.00	18.00
					Bottom Packers & Anchor

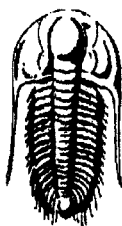
Total Tool Length: 47.00

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Bottom Of Top Packer



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DRILL STEM TEST REPORT

FLUID SUMMARY

OXY USA INC
P.O Box 2528
Liberal KS 67905
ATTN: Tom

Elerding B-1
23 34S 35W Stevens
Job Ticket: 14265 **DST#: 1**
Test Start: 2001.09.20 @ 04:53:30

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 9.76 in³
Resistivity: ohm.m
Salinity: ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
370.00	salty drilg mud 60% water 40% mud	1.820
2970.00	slightly cut gas salt w ater 98% water 2%	39.229

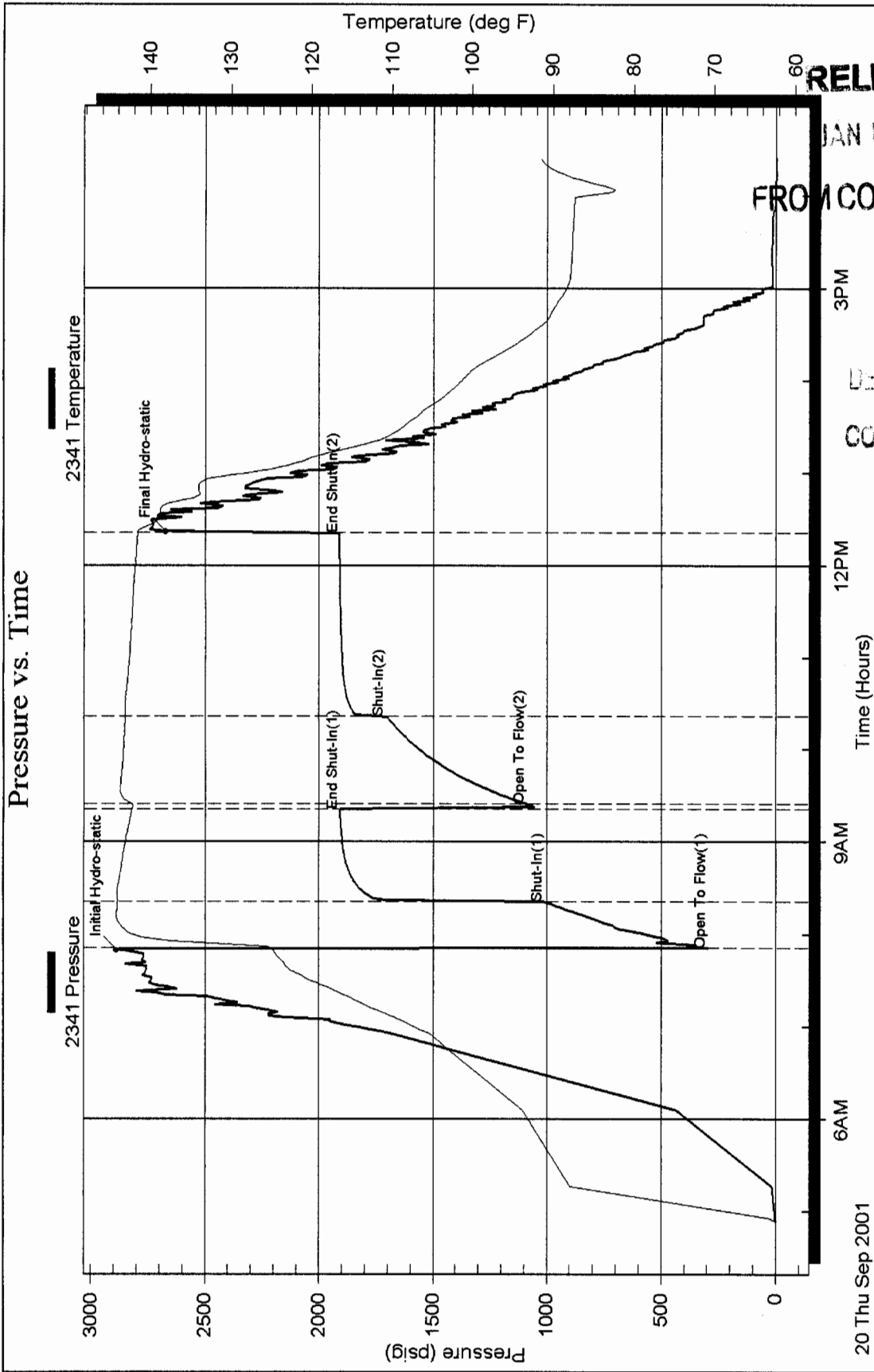
Total Length: 3340.00 ft Total Volume: 41.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: sampler data 2500 ml salt water

Pressure vs. Time



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