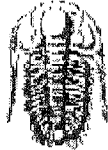


14-15s-21w

IND

15-195-22205



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prepared For: **American Energies Co**

155 North Market
Suite 710
Wichita Ks 67202

STA

ATTN: David Goldak

14-15s-21w Trego co

Brenner #2

Start Date: 2000.11.30 @ 07:31:00

End Date: 2000.11.30 @ 13:24:00

Job Ticket #: 13823 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Energies Co

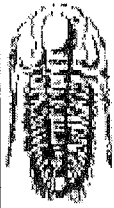
Brenner #2

14-15s-21w Trego co

DST #: 1

Fl. Scott

2000.11.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Energies Co
155 North Market
Suite 710
Wichita Ks 67202
ATTN: David Goldak

Brenner #2

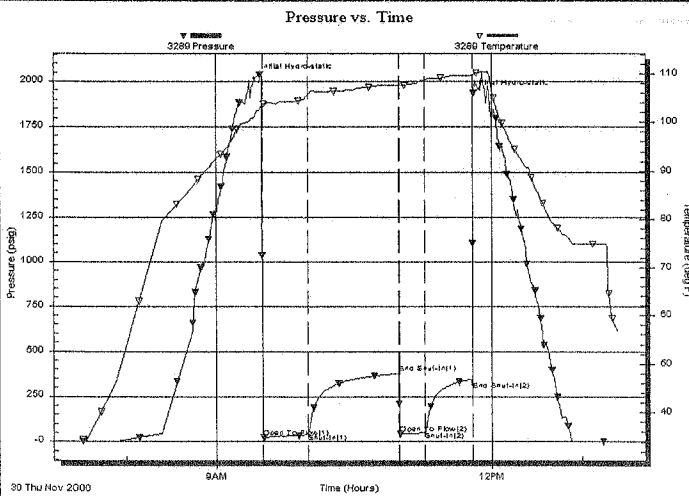
14-15s-21w Trego co
Job Ticket: 13823 **DST#: 1**
Test Start: 2000.11.30 @ 07:31:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:18
Time Test Ended: 13:24:00
Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18
Interval: **4054.00 ft (KB) To 4088.00 ft (KB) (TVD)**
Reference Elevations: 2235.00 ft (KB)
Total Depth: 4088.00 ft (KB) 2230.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: **3289** Inside
Press@RunDepth: 48.77 psig @ 4057.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2000.11.30 End Date: 2000.11.30 Last Calib.: 2000.01.03
Start Time: 07:31:35 End Time: 13:24:18 Time On Btm: 2000.11.30 @ 09:25:18
Time Off Btm: 2000.11.30 @ 11:48:03

TEST COMMENT: IF .5 inch
FF No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
114	2016.46	101.47	Initial Hydro-static
119	19.89	103.21	Open To Flow (1)
149	38.09	105.52	Shut-In(1)
209	375.43	107.63	End Shut-In(1)
209	41.78	107.71	Open To Flow (2)
226	48.77	108.72	Shut-In(2)
257	281.49	109.63	End Shut-In(2)
257	1926.08	109.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Oil Spotted Mud with 2 in. free oil	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Co
155 North Market
Suite 710
Wichita Ks 67202
ATTN: David Goldak

Brenner #2
14-15s-21w Trego co
Job Ticket: 13823 DST#: 1
Test Start: 2000.11.30 @ 07:31:00

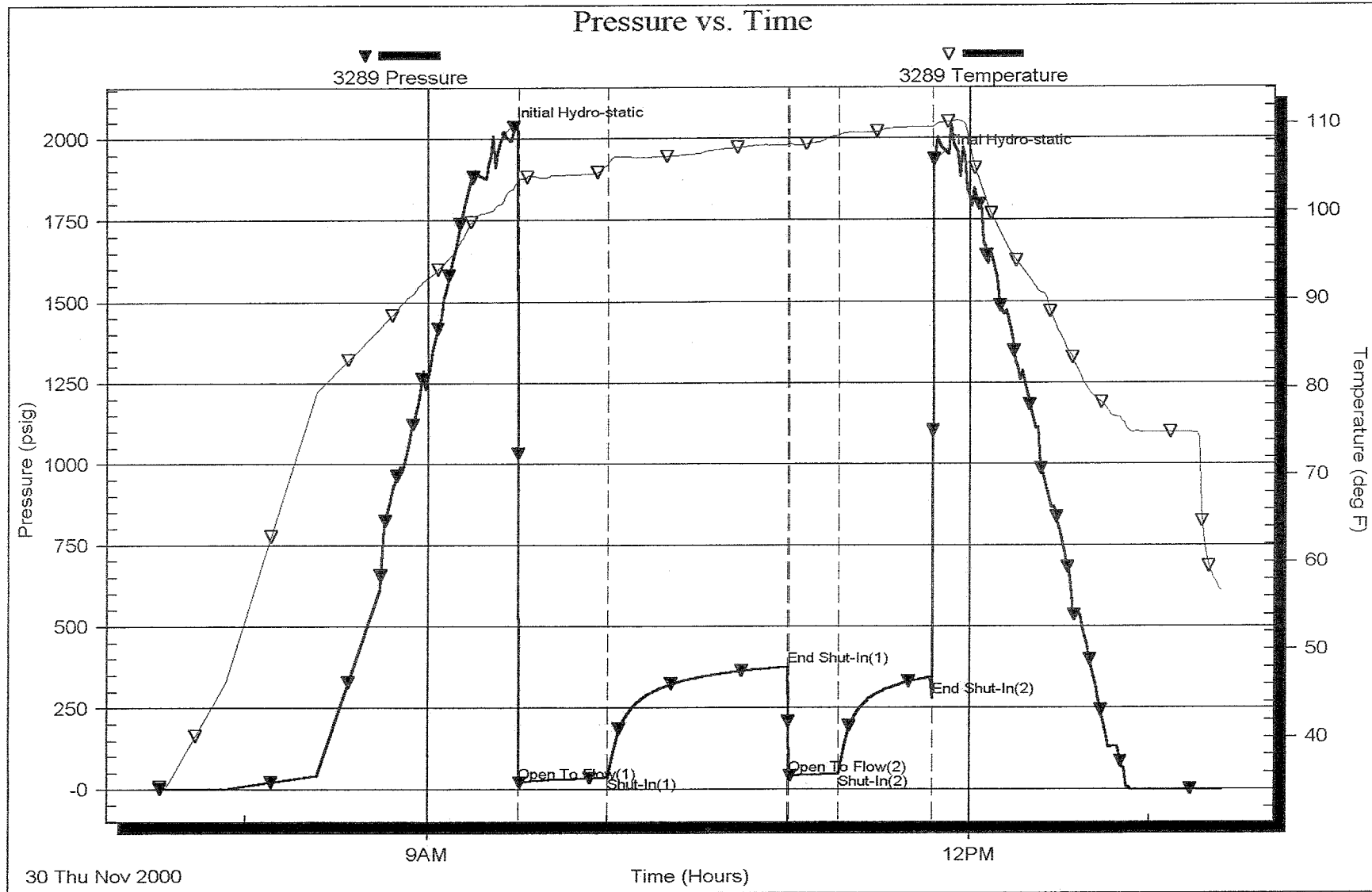
Tool Information

Drill Pipe:	Length: 3802.00 ft	Diameter: 3.80 inches	Volume: 53.33 bbl	Tool Weight: 2500.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight set on Packer: 20000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight to Pull Loose: 55000.00 lb
Drill Pipe Above KB:	16.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	4049.00 ft			String Weight: Initial 52000.00 lb
Depth to Bottom Packer:	ft			Final 52000.00 lb
Interval between Packers:	ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4028.00	
S.I. Tool	5.00			4033.00	
HMV	5.00			4038.00	
Jars	5.00			4043.00	
Safety Joint	2.00			4045.00	
Packer	4.00			4049.00	22.00 Bottom Of Top Packer
Packer	5.00			4054.00	
Stubb	1.00			4055.00	
Perforations	2.00			4057.00	
Recorder	0.00	3289	Inside	4057.00	
Perforations	28.00			4085.00	
Recorder	0.00	24174	Outside	4085.00	
Bullnose	3.00			4088.00	39.00 Bottom Packers & Anchor

Total Tool Length: 61.00



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