

15-101-21872



DRILL STEM TEST REPORT

Prepared For: **Double Eagle Exploration**

800 W 47th St. Ste 318
Kansas City, Mo 64112

ATTN: Mike Engelbrecht

22-19-29w Lane

Hansen #2

Start Date: 2005.04.10 @ 05:00:31

End Date: 2005.04.10 @ 14:05:05

Job Ticket #: 21557 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Double Eagle Exploration

Hansen #2

22-19-29w Lane

DST # 1

Mid Creek

2005.04.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Double Eagle Exploration

Hansen #2

800 W 47th St. Ste 318
Kansas City, Mo 64112

22-19-29w Lane

Job Ticket: 21557

DST#: 1

ATTN: Mike Engelbrecht

Test Start: 2005.04.10 @ 05:00:31

GENERAL INFORMATION:

Formation: **Mid Creek**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:06:51
Time Test Ended: 14:05:05

Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 18

Interval: **4350.00 ft (KB) To 4367.00 ft (KB) (TVD)**
Total Depth: 4367.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2845.00 ft (KB)
2840.00 ft (CF)
KB to GR/CF: 5.00 ft

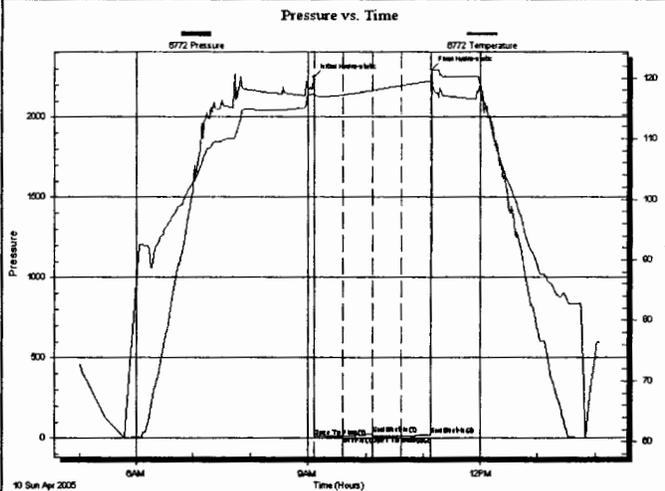
Serial #: 6772

Inside

Press@RunDepth: 12.47 psig @ 4368.00 ft (KB)
Start Date: 2005.04.10 End Date: 2005.04.10
Start Time: 05:00:31 End Time: 14:05:05

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btrn: 2005.04.10 @ 09:05:36
Time Off Btrn: 2005.04.10 @ 11:08:21

TEST COMMENT: F: Weak surface blow died in 2 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.06	117.47	Initial Hydro-static
2	10.87	117.03	Open To Flow (1)
31	12.20	117.23	Shut-In(1)
62	26.61	117.98	End Shut-In(1)
62	11.84	117.98	Open To Flow (2)
92	12.47	118.75	Shut-In(2)
122	21.50	119.53	End Shut-In(2)
123	2295.24	120.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Double Eagle Exploration

Hansen #2

800 W 47th St. Ste 318
Kansas City, Mo 64112

22-19-29w Lane

Job Ticket: 21557

DST#: 1

ATTN: Mike Engelbrecht

Test Start: 2005.04.10 @ 05:00:31

Tool Information

Drill Pipe:	Length: 4347.00 ft	Diameter: 3.80 inches	Volume: 60.98 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 61.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4367.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4348.00	
Shut In Tool	5.00			4353.00	
Hydraulic tool	5.00			4358.00	
Packer	5.00			4363.00	20.00 Bottom Of Top Packer
Packer	4.00		Fluid	4367.00	
Stubb	1.00			4368.00	
Recorder	0.00	6772	Inside	4368.00	
Perforations	11.00			4379.00	
Recorder	0.00	10248	Outside	4379.00	
Bullnose	5.00			4384.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Double Eagle Exploration

Hansen #2

800 W 47th St. Ste 318
Kansas City, Mo 64112

22-19-29w Lane

Job Ticket: 21557

DST#: 1

ATTN: Mike Engelbrecht

Test Start: 2005.04.10 @ 05:00:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100% _m	0.005

Total Length:

1.00 ft

Total Volume:

0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

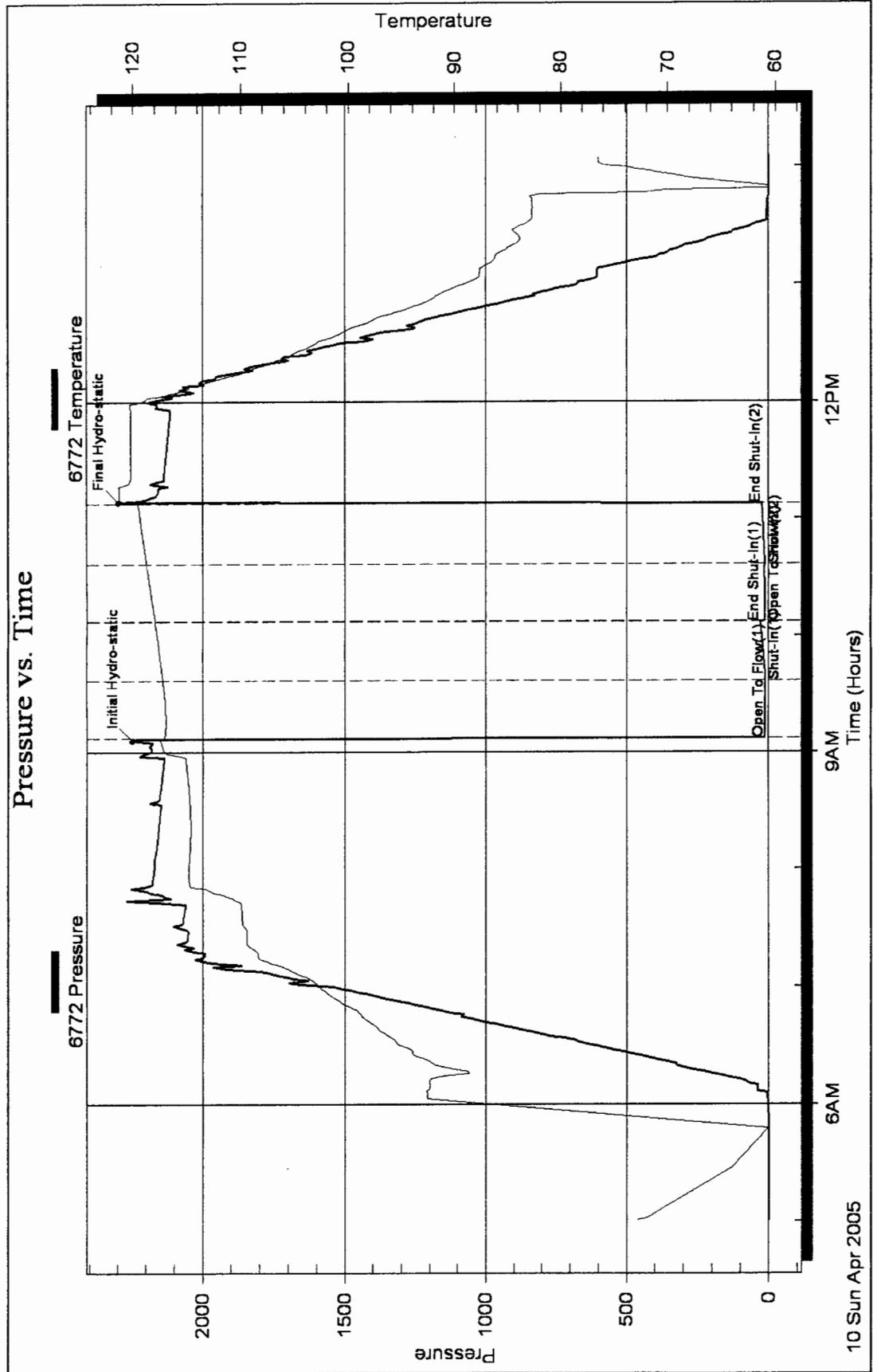
Laboratory Location:

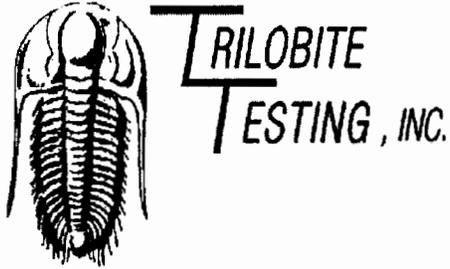
Recovery Comments:

Hansen #2
22-19-29W Lane

DST Test Number: 1

Serial #: 6772 Inside Double Eagle Exploration





DRILL STEM TEST REPORT

Prepared For: **Double Eagle Exploration**

800 W 47th St. Ste 318
Kansas City, Mo 64112

ATTN: Mike Engelbrecht

22-19-29w Lane

Hansen #2

Start Date: 2005.04.11 @ 08:08:48

End Date: 2005.04.11 @ 16:02:23

Job Ticket #: 21558 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Double Eagle Exploration

Hansen #2

800 W 47th St. Ste 318
Kansas City, Mo 64112

22-19-29w Lane

Job Ticket: 21558

DST#: 2

ATTN: Mike Engelbrecht

Test Start: 2005.04.11 @ 08:08:48

Tool Information

Drill Pipe:	Length: 4461.00 ft	Diameter: 3.80 inches	Volume: 62.58 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 57000.00 lb
			<u>Total Volume: 62.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4490.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4471.00	
Shut In Tool	5.00			4476.00	
Hydraulic tool	5.00			4481.00	
Packer	5.00			4486.00	20.00 Bottom Of Top Packer
Packer	4.00		Fluid	4490.00	
Stubb	1.00			4491.00	
Recorder	0.00	6772	Inside	4491.00	
Change Over Sub	1.00			4492.00	
Drill Pipe	30.00			4522.00	
Change Over Sub	1.00			4523.00	
Perforations	32.00			4555.00	
Recorder	0.00	10248	Outside	4555.00	
Bullnose	5.00			4560.00	70.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Double Eagle Exploration

Hansen #2

800 W 47th St. Ste 318
Kansas City, Mo 64112

22-19-29w Lane

Job Ticket: 21558

DST#: 2

ATTN: Mike Engelbrecht

Test Start: 2005.04.11 @ 08:08:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

15000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	w cm 5%w 95%m	1.401

Total Length: 120.00 ft

Total Volume: 1.401 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Hansen #2
22-19-29w Lane

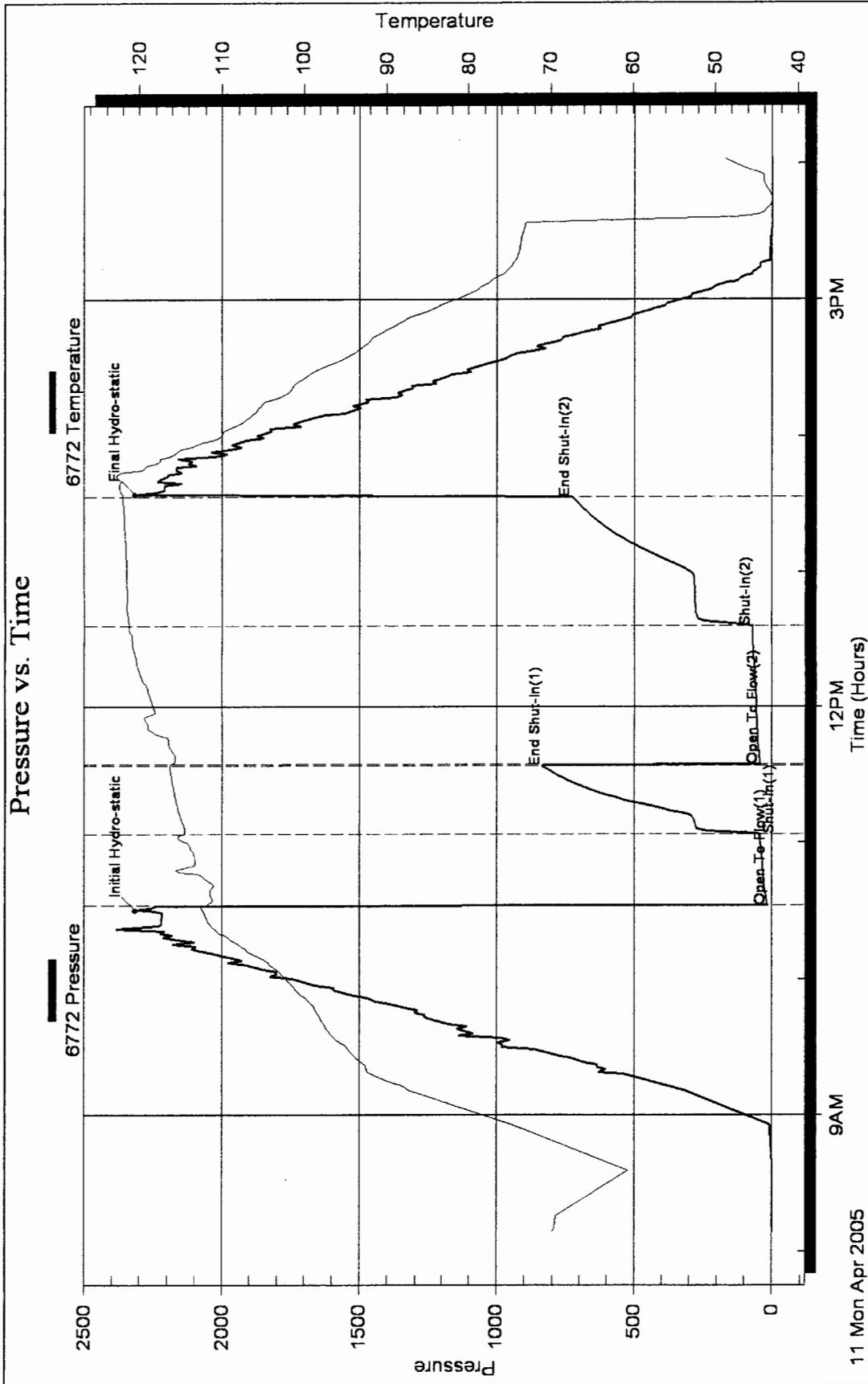
DST Test Number: 2

Serial #: 6772 Double Eagle Exploration

Inside

9AM

Pressure vs. Time



11 Mon Apr 2005

3PM

12PM
Time (Hours)