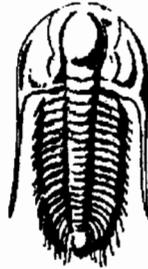


15-025-21240



**TRILOBITE
TESTING, INC.**

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JUL 12 2002
KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration Inc.**

9400 N Broadway STE 400 Oklahoma City
OK 73114

Release

JUL 31 2003

ATTN: ED

From

5-33S-25W Clark, KS
Confidential

Juanita 1-5

Start Date: 2002.05.10 @ 14:00:39

End Date: 2002.05.11 @ 01:27:54

Job Ticket #: 14200 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Raydon Exploration Inc.

Juanita 1-5

5-33S-25W Clark, KS

DST # 1

Upper Chester Lime

2002.05.10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Raydon Exploration Inc.

Juanita 1-5

9400 N Broadway STE 400 Oklahoma City OK
73114

5-33S-25W Clark, KS

Job Ticket: 14200

DST#: 1

ATTN: ED

Test Start: 2002.05.10 @ 14:00:39

GENERAL INFORMATION:

Formation: **Upper Chester Lime**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 17:23:39

Time Test Ended: 01:27:54

Test Type: Conventional Bottom Hole

Tester: Jakki Kreklau

Unit No: 17

Interval: **5428.00 ft (KB) To 5488.00 ft (KB) (TVD)**

Total Depth: 5488.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2180.00 ft (KB)

2168.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 3026

Inside

Press@RunDepth: 29.70 psig @ 5429.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2002.05.10

End Date:

2002.05.11

Last Calib.:

1899.12.30

Start Time: 14:00:41

End Time:

01:27:54

Time On Btm:

2002.05.10 @ 17:22:54

Time Off Btm:

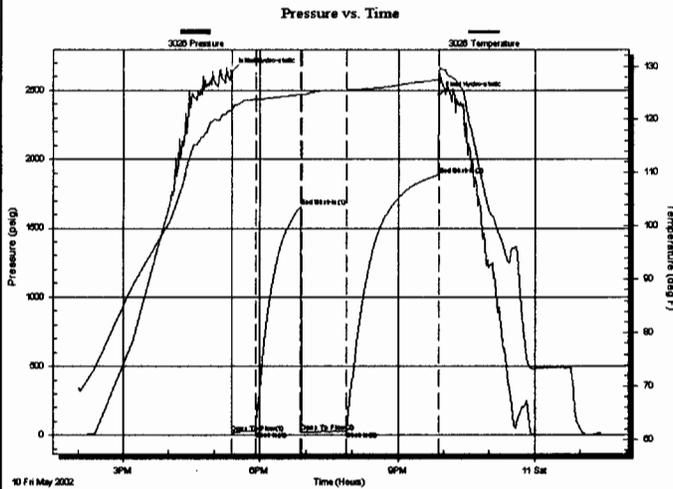
2002.05.10 @ 21:53:54

TEST COMMENT: F- Fair surface blow built to strong blow BOB 10 min

IS- No blow back

FF- Very Strong blow BOB as soon as opened GTS 20min caught sample Gauging Gas

FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2638.57	121.72	Initial Hydro-static
1	19.11	121.79	Open To Flow (1)
32	31.19	123.81	Shut-In(1)
91	1658.06	124.74	End Shut-In(1)
92	23.98	124.79	Open To Flow (2)
151	29.70	125.53	Shut-In(2)
271	1885.85	127.51	End Shut-In(2)
272	2466.58	127.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	slgcm 100% MUD	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.14
Last Gas Rate	0.13	2.00	6.14
Max. Gas Rate	0.13	2.00	6.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration Inc.

Juanita 1-5

9400 N Broadway STE 400 Oklahoma City OK
73114

5-33S-25W Clark, KS

Job Ticket: 14200

DST#: 1

ATTN: ED

Test Start: 2002.05.10 @ 14:00:39

Tool Information

Drill Pipe:	Length: 5070.00 ft	Diameter: 3.80 inches	Volume: 71.12 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: 364.00 ft	Diameter: 2.25 inches	Volume: 1.79 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 72.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5428.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5401.00	
S.I. Tool	5.00			5406.00	
HMV	5.00			5411.00	
Jars	5.00			5416.00	
Safety Joint	2.00			5418.00	
C.O. Sub	1.00			5419.00	
Packer	5.00			5424.00	28.00 Bottom Of Top Packer
Packer	4.00			5428.00	
Stubb	1.00			5429.00	
Recorder	0.00	3026	Inside	5429.00	
Perforations	16.00			5445.00	
C.O. Sub	1.00			5446.00	
Blank Spacing	31.00			5477.00	
C.O. Sub	1.00			5478.00	
Perforations	7.00			5485.00	
Recorder	0.00	5495	Inside	5485.00	
Bullnose	3.00			5488.00	60.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration Inc.

Juanita 1-5

9400 N Broadw ay STE 400 Oklahoma City OK
73114

5-33S-25W Clark, KS

Job Ticket: 14200

DST#: 1

ATTN: ED

Test Start: 2002.05.10 @ 14:00:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	slgcm 100% MUD	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, Ks

Recovery Comments:



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Raydon Exploration Inc.

Juanita 1-5

9400 N Broadway STE 400 Oklahoma City OK
73114

5-33S-25W Clark, KS

Job Ticket: 14200

DST#: 1

ATTN: ED

Test Start: 2002.05.10 @ 14:00:39

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.13	2.00	6.14
2	10	0.13	2.00	6.14
2	10	0.13	2.00	6.14
2	10	0.13	2.00	6.14

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Pressure vs. Time

