

15-095-21943

1-30s-9w



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum, corporation.**

8080 E. Central Suite 300
Wichita, Ks. 67206

ATTN: Dave Clothier

1-30S-9W Kingman

Griem #3-1

Start Date: 2005.02.21 @ 00:26:22

End Date: 2005.02.21 @ 10:03:19

Job Ticket #: 19940 DST #: 1

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

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KANSAS CORPORATION COMMISSION

JUN 14 2007

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum, corporation.

8080 E Central Suite 300
Wichita, Ks. 67206

ATTN: Dave Clothier

Griem #3-1

1-30S-9W Kingman

Job Ticket: 19940

DST#: 1

Test Start: 2005.02.21 @ 00:26:22

GENERAL INFORMATION:

Formation: **Mississippian**

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

Time Tool Opened: 03:44:19

Time Test Ended: 10:03:19

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **4230.00 ft (KB) To 4247.00 ft (KB) (TVD)**

Total Depth: **4247.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1639.00 ft (KB)**

1633.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: **6625** Inside

Press@RunDepth: **63.03 psig @ 4236.00 ft (KB)**

Start Date: **2005.02.21**

End Date: **2005.02.21**

Start Time: **00:26:22**

End Time: **10:03:19**

Capacity: **7000.00 psig**

Last Calib.: **2005.02.21**

Time On Btm: **2005.02.21 @ 03:42:49**

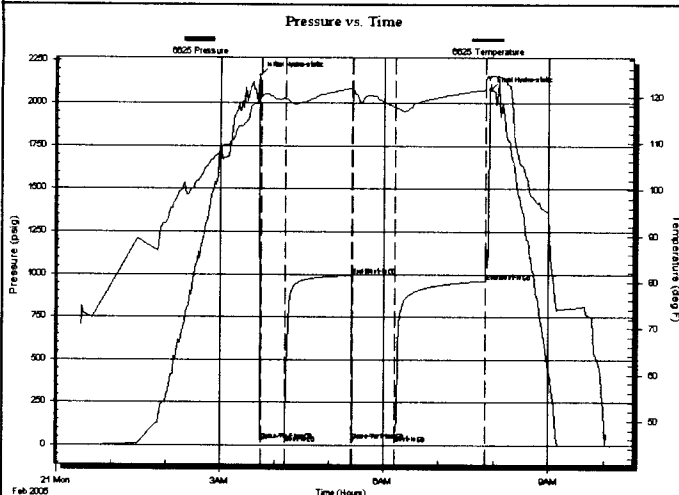
Time Off Btm: **2005.02.21 @ 07:55:19**

TEST COMMENT: **FF: Strong blow b.o.b in 15 sec. GTS in 10 mins. gauge gas.**

IS: Bled down for 10 mins. no bb.

FF: Strong blow b.o.b in 10 sec. gauge gas.

FS: Bled down for 10 mins. no blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.55	120.20	Initial Hydro-static
2	29.41	119.66	Open To Flow (1)
29	59.94	119.60	Shut-In(1)
102	993.49	121.80	End Shut-In(1)
103	30.54	121.03	Open To Flow (2)
150	63.03	117.64	Shut-In(2)
248	961.70	121.49	End Shut-In(2)
253	2077.20	123.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4040' of gip	0.00
67.00	HG&WCM 20% gas 60% water 20% mud	0.33
120.00	SWCGM 10% gas 20% water 70% mud	0.59

Gas Rates

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

McCoy Petroleum corporation.

Griem #3-1

8080 E Central Suite 300
Wichita, Ks. 67206

1-30S-9W Kingman

Job Ticket: 19940

DST#: 1

ATTN: Dave Clothier

Test Start: 2005.02.21 @ 00:26:22

Tool Information

Drill Pipe:	Length: 3978.01 ft	Diameter: 3.80 inches	Volume: 55.80 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 248.99 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	160000.0 lb
			Total Volume: 57.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4230.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4210.00	
Shut In Tool	5.00			4215.00	
Hydraulic tool	5.00			4220.00	
Packer	5.00			4225.00	21.00 Bottom Of Top Packer
Packer	5.00			4230.00	
Stubb	1.00			4231.00	
Anchor	5.00			4236.00	
Recorder	0.00	8017	Inside	4236.00	
Recorder	0.00	6625	Inside	4236.00	
Anchor	8.00			4244.00	
Recorder	0.00	10991	Outside	4244.00	
Bullnose	3.00			4247.00	17.00 Bottom Packers & Anchor

Total Tool Length: 38.00



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FLUID SUMMARY

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1-30S-9W Kingman

Job Ticket: 19940

DST#: 1

ATTN: Dave Clothier

Test Start: 2005.02.21 @ 00:26:22

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: 140000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.97 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4040' of gip	0.000
67.00	HG&WCM 20% gas 60% water 20% mud	0.329
120.00	SWCGM 10% gas 20% water 70% mud	0.590

Total Length: 187.00 ft Total Volume: 0.919 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: .036@70' degress=140000

DST Test Number: 1

1-30S-9W Kingman

McCoy Petroleum Corporation

Inside

Serial #: 6625

Pressure vs. Time

