

15-151-22316

KG



DRILL STEM TEST REPORT

Prepared For: **NASH OIL & GAS INC.**

P.O. BOX 8747
PRATT KS. 67124-8747

ATTN: KIM SHOEMAKER

1-27S-11W PRATT

CRC #2

Start Date: 2008.10.06 @ 06:03:00

End Date: 2008.10.06 @ 14:29:00

Job Ticket #: 16147 DST #: 1

NASH OIL & GAS INC.

CRC #2

1-27S-11W PRATT

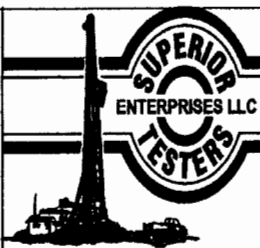
DST # 1

VIOLA

2008.10.06

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2008.10.06 @ 14:38:49



DRILL STEM TEST REPORT

NASH OIL & GAS INC.

P.O. BOX 8747
PRATT KS. 67124-8747

ATTN: KIM SHOEMAKER

CRC #2

1-27S-11W PRATT

Job Ticket: 16147

DST#: 1

Test Start: 2008.10.06 @ 06:03:00

GENERAL INFORMATION:

Formation: VIOLA

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:59:30

Time Test Ended: 14:29:00

Interval: 4275.00 ft (KB) To 4297.00 ft (KB) (TVD)

Total Depth: 4297.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 120 GB

Reference Elevations: 1770.00 ft (KB)

1762.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8405

Press@RunDepth: 59.85 psig @ ft (KB)

Start Date: 2008.10.06

End Date: 2008.10.06

Start Time: 06:03:00

End Time: 14:29:00

Capacity: 2000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2008.10.06 @ 08:57:30

Time Off Btm: 2008.10.06 @ 11:57:30

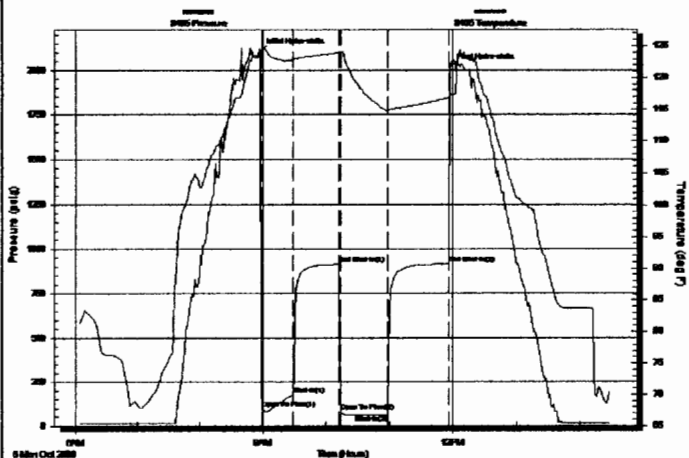
TEST COMMENT: 30-INITIAL OPEN:STRONG BLOW TO BOTTOM BUCKET IN 1 MINUTE GAS TO SURFACE IN 25 MINUTES

45-INITIAL SHUT-IN:NO BLOW BACK

45-FINAL OPEN:STRONG BLOW TO BOTTOM OF BUCKET RIGHT AWAY

60-FINAL SHUT-IN:WEAK SURFACE BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

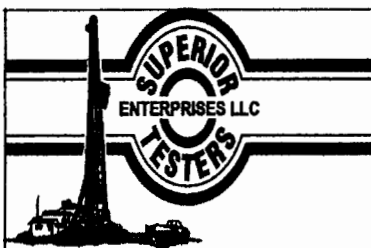
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.11	124.19	Initial Hydro-static
3	99.46	124.89	Open To Flow (1)
32	177.71	122.77	Shut-In(1)
75	913.13	124.00	End Shut-In(1)
77	82.56	124.02	Open To Flow (2)
122	59.85	114.67	Shut-In(2)
180	913.57	116.88	End Shut-In(2)
180	2016.33	117.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4158.00	GAS IN PIPE	59.64
90.00	MUD	1.32

Gas Rates

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

TOOL DIAGRAM

NASH OIL & GAS INC.

CRC #2

P.O. BOX 8747
PRATT KS. 67124-8747

1-27S-11W PRATT

Job Ticket: 16147

DST#: 1

ATTN: KIM SHOEMAKER

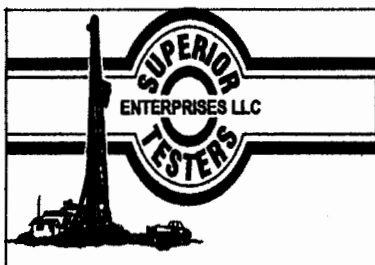
Test Start: 2008.10.06 @ 06:03:00

Tool Information

Drill Pipe:	Length: 4128.00 ft	Diameter: 3.88 inches	Volume: 60.37 bbl	Tool Weight:	20000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	60.96 bbl	Tool Chased	ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4275.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Safety Joint	2.00			4249.00	
S.I. Tool	5.00			4254.00	
HYD S.I. Tool	5.00			4259.00	
Jars	5.00			4264.00	
Safety Joint	1.00			4265.00	
Packer	5.00			4270.00	28.00 Bottom Of Top Packer
Packer	5.00			4275.00	
Perforations	17.00			4292.00	
Bullnose	5.00			4297.00	22.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

NASH OIL & GAS INC.

CRC #2

P.O. BOX 8747
PRATT KS. 67124-8747

1-27S-11W PRATT

Job Ticket: 16147

DST#: 1

ATTN: KIM SHOEMAKER

Test Start: 2008.10.06 @ 06:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4158.00	GAS IN PIPE	59.643
90.00	MUD	1.316

Total Length: 4248.00 ft

Total Volume: 60.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

SUPERIOR TESTERS ENTERPRISES L.L.C.

GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE.....	#REF!	Test Date	#####
COUNTY.....	PRATT	Sec Town Range	1-27S-11W
FIELD.....	AYNESVILLE	Report Number	16147

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT 8:55A GAS TO SURFACE IN 25 MINUTES							

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
TOOL OPEN AT 10:10A GAS TO SURFACE	10:10						
	10:15	5	50			1	183.000
	10:20	10	40			1	163.000
	10:25	15	36			1	155.000
	10:30	20	36			1	155.000
	10:35	25	36			1	155.000
	10:40	30	36			1	155.000
	10:45	35	36			1	155.000
	10:50	40	36			1	155.000
	10:55	45	36			1	155.000

Was there a gas sample taken

YES

Pressure vs. Time

