

15-093-21804

26-25s-35w

KCC

END



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc**

3817 N.W. Expressway
Suite 500
Oklahoma City, Ok

ATTN: Dale Passing

26-25-35 Kearny, Ks

Nightengale 26 #1

Start Date: 2007.06.15 @ 00:35:21

End Date: 2007.06.15 @ 12:00:00

Job Ticket #: 27704 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 17 2007
CONSERVATION DIVISION
WICHITA, KS

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ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260

EOG Resources Inc

Nightengale 26 #1

26-25-35 Kearny, Ks

DST # 1

Morrow

2007.06.15



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DRILL STEM TEST REPORT

EOG Resources Inc
3817 N.W. Expressway
Suite 500
Oklahoma City, Ok
ATTN: Dale Passing

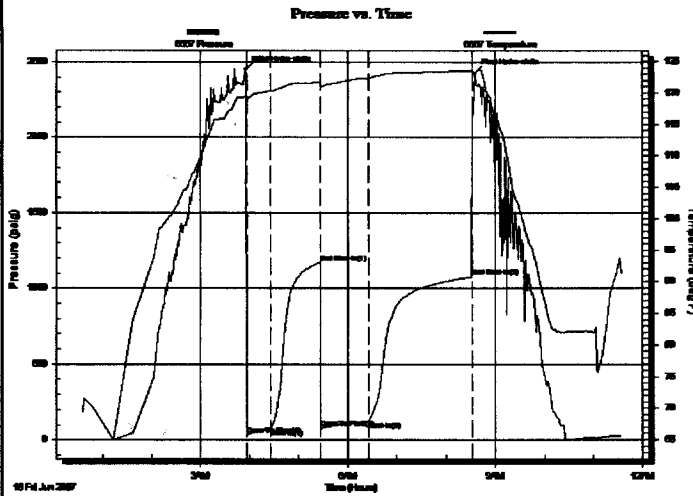
Nightengale 26 #1
26-25-35 Kearny, Ks
Job Ticket: 27704 **DST#: 1**
Test Start: 2007.06.15 @ 00:35:21

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:56:46
Time Test Ended: 12:00:00
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Interval: **4850.00 ft (KB) To 4991.00 ft (KB) (TVD)**
Reference Elevations: 3002.00 ft (KB)
Total Depth: 4991.00 ft (KB) (TVD) 2990.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 6667 **Inside**
Press@RunDepth: 124.76 psig @ 4851.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.06.15 End Date: 2007.06.15 Last Calib.: 2007.06.15
Start Time: 00:35:21 End Time: 11:35:46 Time On Btm: 2007.06.15 @ 03:55:01
Time Off Btm: 2007.06.15 @ 08:34:31

TEST COMMENT: 4" in blow . Weak blow
No return
B.O.B. in 55 min. Weak to fair blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2450.62	119.49	Initial Hydro-static
2	33.28	119.18	Open To Flow (1)
31	70.47	120.31	Shut-in(1)
91	1169.47	121.64	End Shut-in(1)
92	78.41	121.17	Open To Flow (2)
151	124.76	122.35	Shut-in(2)
277	1075.66	123.57	End Shut-in(2)
280	2428.13	122.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	m c o 45% m 55% o trace of gas	1.23
0.00	114' gas in pipe	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources Inc

Nightengale 26 #1

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26-25-35 Kearny, Ks
Job Ticket: 27704 **DST#: 1**
Test Start: 2007.06.15 @ 00:35:21

Tool Information

Drill Pipe:	Length: 4462.00 ft	Diameter: 3.80 inches	Volume: 62.59 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: 364.00 ft	Diameter: 2.25 inches	Volume: 1.79 bbl	Weight to Pull Loose:	110000.0 lb
		Total Volume: 64.38 bbl		Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4850.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	141.00 ft				
Tool Length:	170.00 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			4822.00	
Shut In Tool	5.00			4827.00	
Sampler	2.00			4829.00	
Hydraulic tool	5.00			4834.00	
Jars	5.00			4839.00	
Safety Joint	2.00			4841.00	
Packer	5.00			4846.00	29.00 Bottom Of Top Packer
Packer	4.00			4850.00	
Stubb	1.00			4851.00	
Recorder	0.00	6667	Inside	4851.00	
Perforations	9.00			4860.00	
Change Over Sub	1.00			4861.00	
Drill Pipe	124.00			4985.00	
Change Over Sub	1.00			4986.00	
Recorder	0.00	11058	Inside	4986.00	
Bullnose	5.00			4991.00	141.00 Bottom Packers & Anchor
Total Tool Length:	170.00				

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DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources Inc

Nightengale 26 #1

3817 N.W. Expressway
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Oklahoma City, Ok
ATTN: Dale Passing

26-25-35 Kearny, Ks

Job Ticket: 27704

DST#: 1

Test Start: 2007.06.15 @ 00:35:21

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.48 cm³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
250.00	m c o 45% m 55% o trace of gas	1.229
0.00	114' gas in pipe	0.000

Total Length: 250.00 ft Total Volume: 1.229 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: sampler 1300ml oil 700ml mud 630 psi.



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DRILL STEM TEST REPORT

GAS RATES

EOG Resources Inc
 3817 N.W. Expressway
 Suite 500
 Oklahoma City, Ok
 ATTN: Dale Passing

Nightengale 26 #1
26-25-35 Kearny, Ks
 Job Ticket: 27704 DST#: 1
 Test Start: 2007.06.15 @ 00:35:21

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)
		0.00	0.00	0.00

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Serial #: 6667

Inside

EOG Resources Inc

26-25-35 Kearny, Ks

DST Test Number: 1

