

CONFIDENTIAL

11-27s-35w

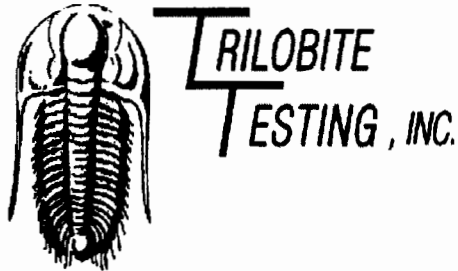
15-067-21492

ORIGINAL

KCC

MAR 03 2003

CONFIDENTIAL



RELEASED

IAN 04 2005

DRILL STEM TEST REPORT

FROM CONFIDENTIAL

RECEIVED
MAR 06 2003
KCC WICHITA

Prepared For: **Oxy USA Inc**

PO Box 2528
Lieral KS 67901

ATTN: Tom Heflin

11-27S-35W

Ladner G-1

Start Date: 2002.11.20 @ 10:56:59

End Date: 2002.11.20 @ 22:34:29

Job Ticket #: 14522 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Oxy USA Inc

Ladner G-1

11-27S-35W

DST # 1

Morrow

2002.11.20

CONFIDENTIAL

ORIGINAL


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Oxy USA Inc

Ladner G-1

PO Box 2528
Lieral KS 67901

11-27S-35W

Job Ticket: 14522

DST#: 1

ATTN: Tom Heflin

Test Start: 2002.11.20 @ 10:56:59

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:28:29

Time Test Ended: 22:34:29

Interval: 5035.00 ft (KB) To 5193.00 ft (KB) (TVD)

Total Depth: 5193.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

KCC

MAR 03 2003

CONFIDENTIAL

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Reference Elevations: 3034.00 ft (KB)

3023.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3026 Inside

Press@RunDepth: 417.31 psig @ 5037.00 ft (KB)

Start Date: 2002.11.20

End Date:

2002.11.20

Start Time: 10:57:01

End Time:

22:34:29

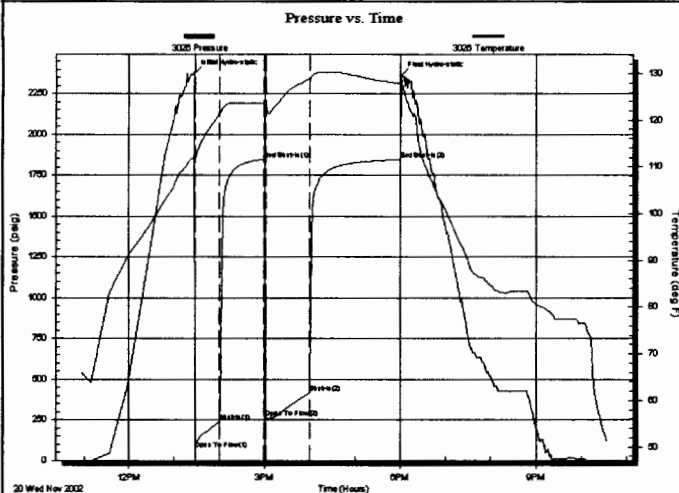
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2002.11.20 @ 13:27:29

Time Off Btm: 2002.11.20 @ 18:00:59

TEST COMMENT: F-strong blow BOB 6 min
 IS-no blow back
 FF-strong blow BOB 11 min GTS 33 min (to small to measure)
 FS-blow back built to 5 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2376.59	111.89	Initial Hydro-static
1	66.89	111.88	Open To Flow (1)
33	240.91	121.35	Shut-In (1)
93	1847.81	123.55	End Shut-In (1)
94	266.22	123.33	Open To Flow (2)
153	417.31	128.92	Shut-In (2)
273	1846.73	127.88	End Shut-In (2)
274	2360.55	127.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1240.00	20% G 80% O	14.91

Gas Rates

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

IAN 04 2005

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Oxy USA Inc

Ladner G-1

PO Box 2528
Lieral KS 67901

11-27S-35W

Job Ticket: 14522

DST#: 1

ATTN: Tom Heflin

Test Start: 2002.11.20 @ 10:56:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1240.00	20% G 80% O	14.907

Total Length: 1240.00 ft Total Volume: 14.907 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1.9 cubic ft gas @ 300 PSI 200 ML Gas 3800 ML Oil
API 30 @ 50 deg Corr 31

Pressure vs. Time

