



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

P.O. BOX 399
Garden City, KS 67846

ATTN: Adam Folk

Eulert # 20-35

35-11s-15w Russell,KS

Start Date: 2014.07.16 @ 18:50:00

End Date: 2014.07.17 @ 02:13:00

Job Ticket #: 60482 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.17 @ 13:33:19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc.
 P.O. BOX 399
 Garden City, KS 67846
 ATTN: Adam Folk

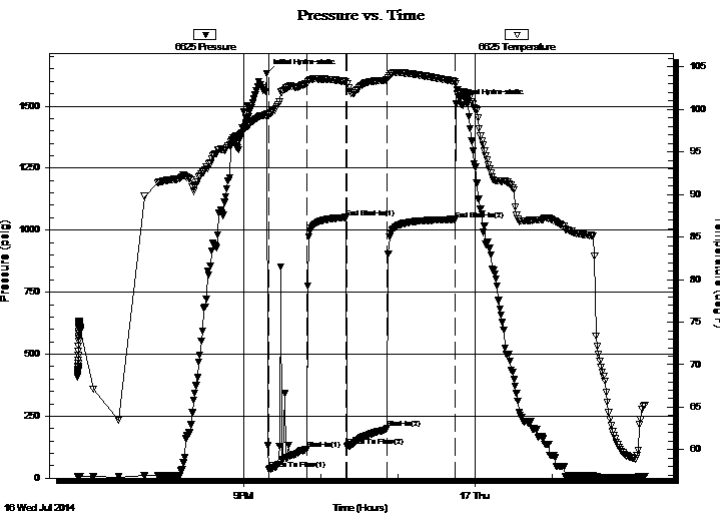
35-11s-15w Russell, KS
Eulert # 20-35
 Job Ticket: 60482 **DST#: 1**
 Test Start: 2014.07.16 @ 18:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:19:30
 Time Test Ended: 02:13:00
 Interval: **3218.00 ft (KB) To 3286.00 ft (KB) (TVD)**
 Total Depth: 3286.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bob Hamel
 Unit No: 58
 Reference Elevations: 1848.00 ft (KB)
 1841.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6625 Outside
 Press@RunDepth: 200.48 psig @ 3282.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.16 End Date: 2014.07.17 Last Calib.: 2014.07.16
 Start Time: 18:50:01 End Time: 02:13:00 Time On Btm: 2014.07.16 @ 21:17:30
 Time Off Btm: 2014.07.16 @ 23:45:30

TEST COMMENT: I.F. - 30 - BOB in 12 min
 I.S.I. - 30 - No blow back
 F.F. - 30 - BOB in 15 min
 F.S.I. - 45 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.62	99.50	Initial Hydro-static
2	36.35	99.40	Open To Flow (1)
31	115.80	102.98	Shut-In(1)
62	1051.52	103.23	End Shut-In(1)
63	129.18	103.01	Open To Flow (2)
94	200.48	103.49	Shut-In(2)
147	1043.39	103.25	End Shut-In(2)
148	1510.60	103.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	S,O,C,M, 10%O 90%M	0.88
509.00	C/O 100%	7.14

Gas Rates

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



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35-11s-15w Russell,KS

P.O. BOX 399
Garden City, KS 67846

Eulert # 20-35

Job Ticket: 60482

DST#: 1

ATTN: Adam Folk

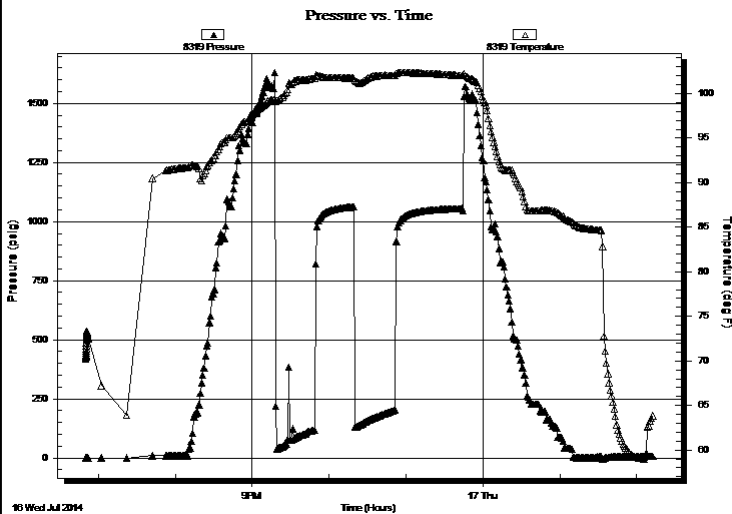
Test Start: 2014.07.16 @ 18:50:00

GENERAL INFORMATION:

Formation: Arbuckle	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Bob Hamel
Time Tool Opened: 21:19:30	Unit No: 58
Time Test Ended: 02:13:00	Reference Elevations: 1848.00 ft (KB)
Interval: 3218.00 ft (KB) To 3286.00 ft (KB) (TVD)	1841.00 ft (CF)
Total Depth: 3286.00 ft (KB) (TVD)	KB to GR/CF: 7.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

Serial #: 8319	Inside	Capacity: 8000.00 psig
Press@RunDepth: psig @ 3282.00 ft (KB)		Last Calib.: 2014.07.17
Start Date: 2014.07.16	End Date: 2014.07.17	Time On Btm:
Start Time: 18:50:01	End Time: 02:13:00	Time Off Btm:

TEST COMMENT: I.F. - 30 - BOB in 12 min
 I.S.I. - 30 - No blow back
 F.F. - 30 - BOB in 15 min
 F.S.I. - 45 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
63.00	S,O,C,M, 10%O 90%M	0.88
509.00	C/O 100%	7.14

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

35-11s-15w Russell, KS

P.O. BOX 399
Garden City, KS 67846

Eulert # 20-35

Job Ticket: 60482

DST#: 1

ATTN: Adam Folk

Test Start: 2014.07.16 @ 18:50:00

Tool Information

Drill Pipe:	Length: 3222.00 ft	Diameter: 3.80 inches	Volume: 45.20 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 45.20 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3218.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3199.00	
Shut In Tool	5.00			3204.00	
Hydraulic tool	5.00			3209.00	
Packer	4.00			3213.00	20.00 Bottom Of Top Packer
Packer	5.00			3218.00	
Stubb	1.00			3219.00	
Perforations	1.00			3220.00	
Change Over Sub	1.00			3221.00	
Drill Pipe	60.00			3281.00	
Change Over Sub	1.00			3282.00	
Recorder	0.00	6625	Outside	3282.00	
Recorder	0.00	8319	Inside	3282.00	
Bullnose	4.00			3286.00	68.00 Bottom Packers & Anchor

Total Tool Length: 88.00



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FLUID SUMMARY

American Warrior Inc.

35-11s-15w Russell,KS

P.O. BOX 399
Garden City, KS 67846

Eulert # 20-35

Job Ticket: 60482

DST#: 1

ATTN: Adam Folk

Test Start: 2014.07.16 @ 18:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	S,O,C,M, 10%O 90%M	0.884
509.00	C/O 100%	7.140

Total Length: 572.00 ft

Total Volume: 8.024 bbl

Num Fluid Samples: 0

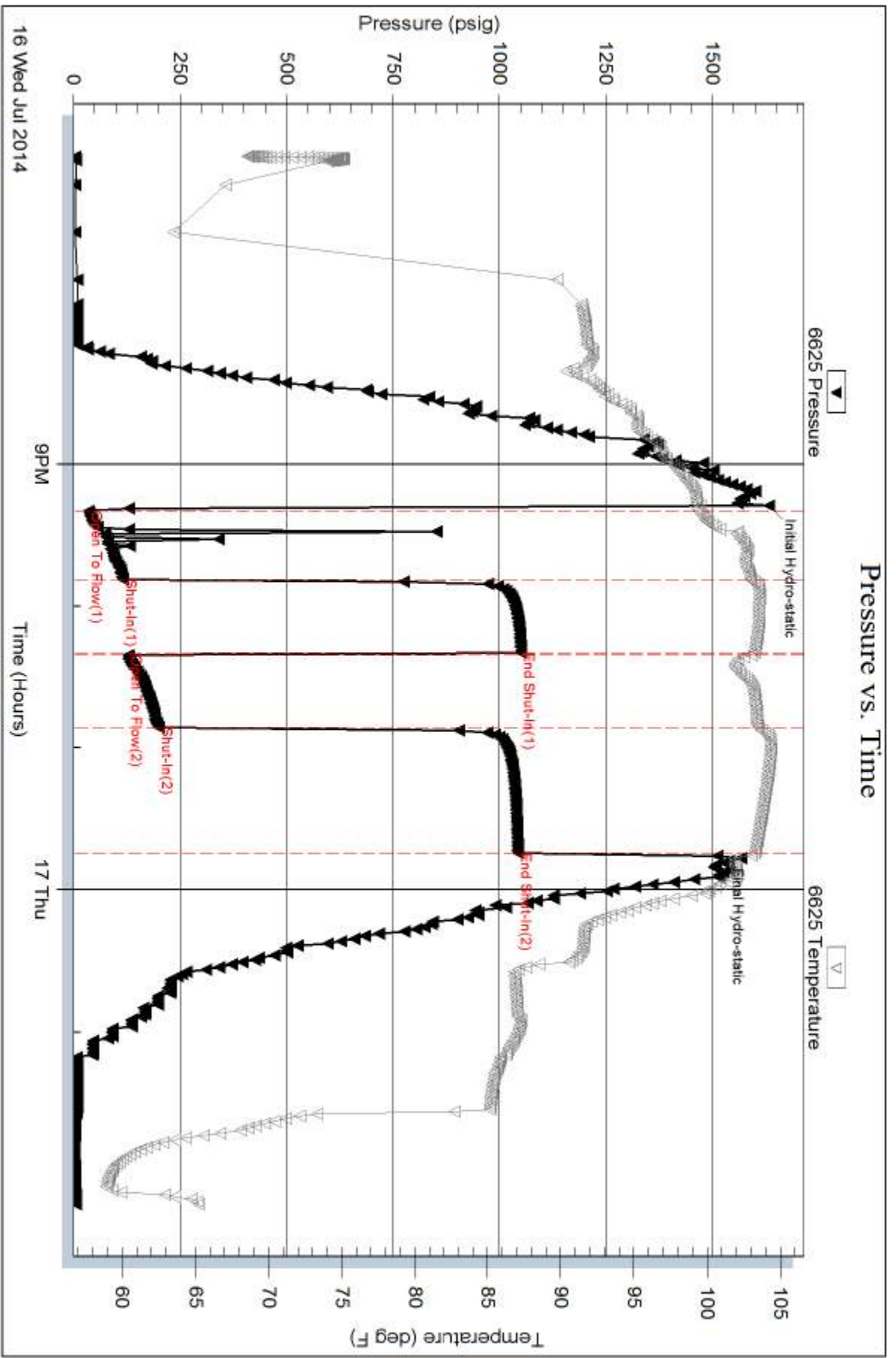
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



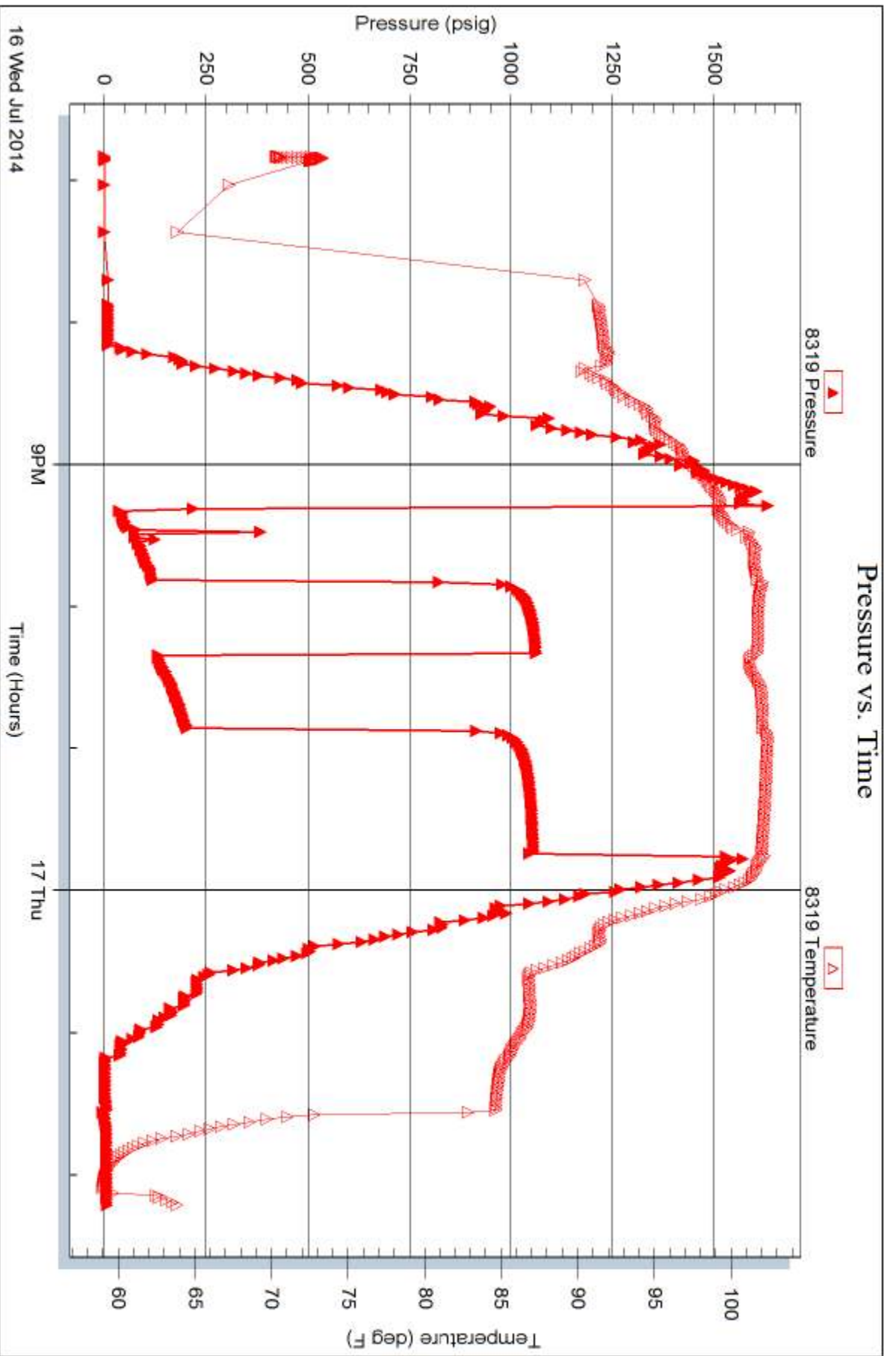
Serial #: 8319

Inside

American Warrior Inc.

Event # 20-35

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 60482

Printed: 2014.07.17 @ 13:33:20



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60482

Well Name & No. Eulert #20 Test No. 1 Date 7-16-14
 Company American Warr. Co. Elevation 1848 KB 1841 GL
 Address 3118 Cummings RD / P.O. Box 399 Garden City KS. 67846
 Co. Rep / Geo. Adam Folk Rig Duke 108
 Location: Sec. 35 Twp. 11-S Rge. 15-W Co. Russell State KS

Interval Tested 3218-3286 Zone Tested ARB.
 Anchor Length 68 Drill Pipe Run 3222 Mud Wt. 9.1
 Top Packer Depth 3213 Drill Collars Run — Vis 52
 Bottom Packer Depth 3218 Wt. Pipe Run — WL 7.2
 Total Depth 3286 Chlorides 2700 ppm System LCM Trace

Blow Description I.F.-30 - 1/2" INT Blow Built to (B.O.B. in 12 min)
I.S.I.-30 - NO B.B.
E.F.-30 - 1/2" INT Blow Built to (B.O.B. in 15 min)
E.S.I.-45 - NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>509</u>	Feet of <u>clean oil</u>		100%		
Rec <u>63</u>	Feet of <u>S.O.C.M</u>		10%		90%
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 572' BHT 102 Gravity 29.8 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1633 Test 1150 T-On Location 18:20:00
 (B) First Initial Flow 36 Jars _____ T-Started 18:50:00
 (C) First Final Flow 116 Safety Joint _____ T-Open 21:31:00
 (D) Initial Shut-In 1052 Circ Sub _____ T-Pulled 23:46:00
 (E) Second Initial Flow 129 Hourly Standby _____ T-Out 02:13:00
 (F) Second Final Flow 200 Mileage 66/R.T. 102.30 Comments _____
 (G) Final Shut-In 1043 Sampler _____ (Thank-you)
 (H) Final Hydrostatic 1511 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1252.30
 Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45
 Sub Total 1252.30

Approved By _____ Our Representative [Signature]

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