



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1052279

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	RIEDEL FAMILY 'A' 1-26
Doc ID	1052279

All Electric Logs Run

Sonic
Micro
Dual Induction
Compensated Density/Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	RIEDEL FAMILY 'A' 1-26
Doc ID	1052279

Tops

Name	Top	Datum
Top Anhydrite	1690	+652
Base Anhydrite	1732	+610
Topeka	3392	-1050
Heebner	3626	-1284
Toronto	3644	-1302
LKC	3664	-1323
BKC	3908	-1566
Marmaton	3986	-1644
Arbuckel	4040	-1698

ALLIED CEMENTING CO., LLC. 034107

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell Ks.

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
2-17-2011	26	13	21			10:30 PM	11:00 PM
REIDEL LEASE FAMILY		WELL# A-1-26		LOCATION Ellis Ks. Rigo I-70 Exit		COUNTY	STATE
OLD OR <u>NEW</u> (Circle one)		6 South 1 1/2 E 1/4 N INTO		Trego		KANSAS	

CONTRACTOR Discovery Delg. Rig #3
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4120'
 CASING SIZE 8 5/8 SURFACE DEPTH 222'
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 X-H DEPTH 4016
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER
 CEMENT
 AMOUNT ORDERED 245 SX 60/40 48 GEL
1/4# FLO-SEAL
PER SX

COMMON	<u>147</u>	@ <u>13.50</u>	<u>1984.50</u>
POZMIX	<u>98</u>	@ <u>7.55</u>	<u>739.90</u>
GEL	<u>8</u>	@ <u>20.25</u>	<u>162.00</u>
CHLORIDE		@	
ASC		@	
		@	
	<u>Flo Seal 61#</u>	@ <u>2.45</u>	<u>149.45</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>245</u>	@ <u>2.25</u>	<u>551.25</u>
MILEAGE	<u>110/sk/mile</u>		<u>318.50</u>
TOTAL			<u>3905.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn
 # 398 HELPER Woody
 BULK TRUCK
 # 481 DRIVER Tony
 BULK TRUCK
 # DRIVER

REMARKS:

25 SX @ 4016
25 SX @ 1700
100 SX @ 930
40 SX @ 270
10 SX @ 40' wiper Plug
15 SX @ mousehole
30 SX @ Rathole

THANKS

CHARGE TO: Downing & Nelson Oil Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

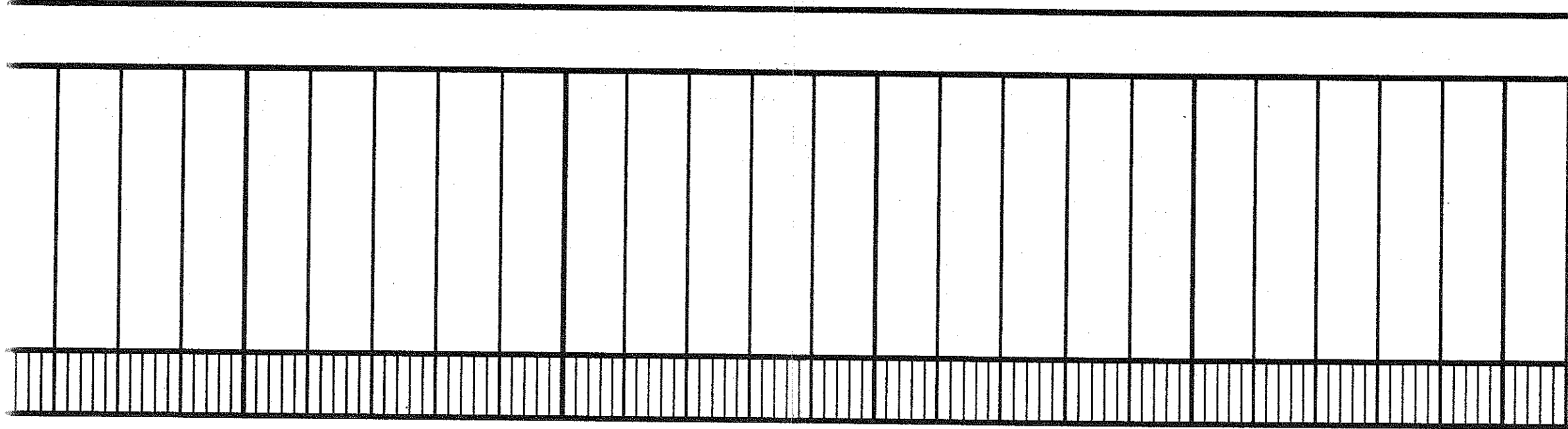
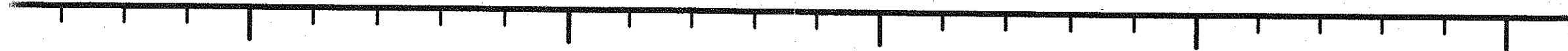
SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>13</u>	@ <u>7.00</u>	<u>91.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1082.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 wiper plug</u>			<u>N-C</u>
	@		
	@		
	@		
	@		

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

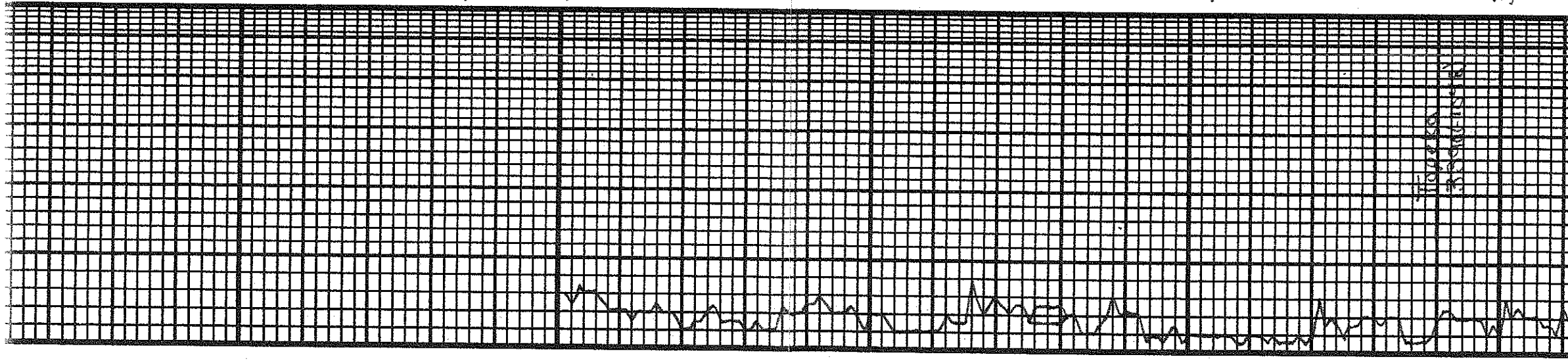


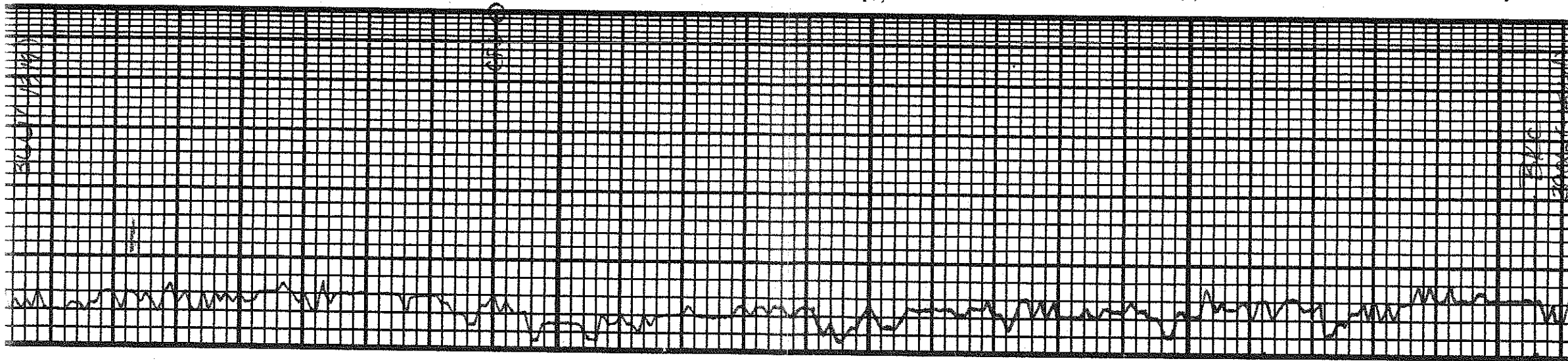
3250

3300

50

3400





sh: chalky, friable, NS	LS: wnt - tan, fine sub, NA v. fine, scatchky	LS: wnt, md - c/s xlm, many fine w/ scat. ad. pr. f. ad. int. fass of sm. lvs, sub xlm impet. pr. fr. hng str, rose s. fo. f. ad. od.	LS: wnt, md sub, fass. fr. int. fass & w/ fr. bon str, pr. s. fo. fr. wnt chalky, fr. ad.	LS: wnt - Lt. Tan f. ad. w/ good coc. of v. lt. s. fo. No odor - Hry anl	LS: wnt - Lt. Tan f. subsh all v. chalky - wash wnt	sh: v. dark gm - Black	LS: Tan f. - Lt. Tan f. subsh all v. chky w/ some tan ad. w/ no show.	SN: gm	LS: Tan f. v. finelyool w/ fr. cool, NSFO - v. lt. s. fo. sh. No odor. some chky colitic	SN: gm - v. silt	LS: Tan f. v. ad. int. ad.	LS: Tan f. - v. An all v. dse No show few. f. wnt	SN: gm - Brown	LS: Bone wnt. An. good coc. of v. spt. s. fo. NSFO - Chky to subin in pt.	LS: wnt f. - v. An all v. dse w/ scatt wnt a cent.	sh: Red - Brown a.
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D S T # 1

3700

50

3900

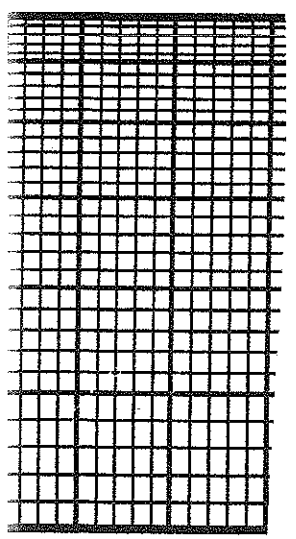
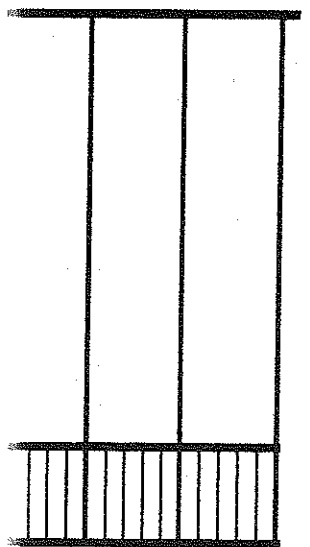
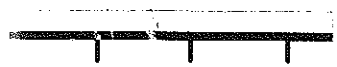
50

3900

UL 7.6

DST #1
 3683- 3740
 45-45-45-45
 Rec:
 85' mud
 IHP: 1794#
 IFP: 34-58#
 FFP: 62-68#
 SIP: 484-438#
 FHP: 1750#

VIS 50
 Wt 9.1
 11.8.0





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DNOC
PO Box 372
Hays, Ks
67601
ATTN: Marc Downing

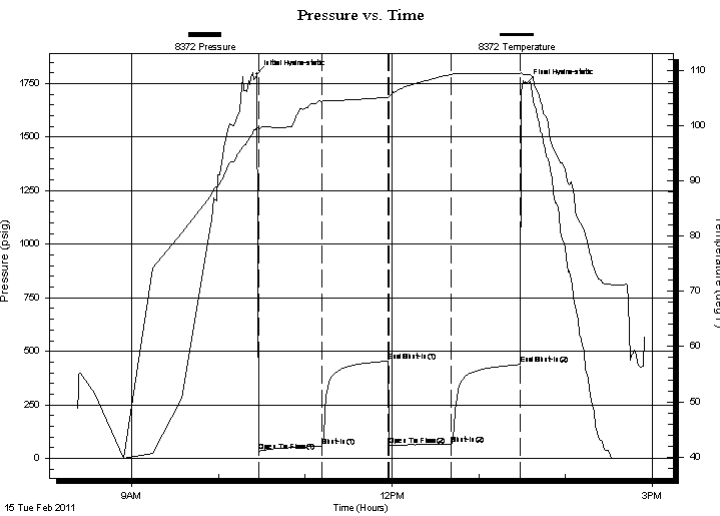
Riedel Family A 1-26
26-13-21/Trego
Job Ticket: 41780 **DST#: 1**
Test Start: 2011.02.15 @ 08:22:32

GENERAL INFORMATION:

Formation: **LKC "C-E"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:27:31
Time Test Ended: 14:54:31
Interval: **3683.00 ft (KB) To 3740.00 ft (KB) (TVD)**
Total Depth: 3740.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2342.00 ft (KB)
2334.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8372 **Inside**
Press @ Run Depth: 68.42 psig @ 3690.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.02.15 End Date: 2011.02.15 Last Calib.: 2011.02.15
Start Time: 08:22:32 End Time: 14:54:31 Time On Btm: 2011.02.15 @ 10:26:31
Time Off Btm: 2011.02.15 @ 13:32:31

TEST COMMENT: IFP - weak to fair blow 1/2" - 3 1/2"
ISI - no blow back
FFP - weak blow throughout sur - 2"
FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1794.28	99.84	Initial Hydro-static
1	34.06	99.49	Open To Flow (1)
45	57.98	104.40	Shut-In(1)
91	454.30	105.12	End Shut-In(1)
91	61.52	105.22	Open To Flow (2)
135	68.42	109.26	Shut-In(2)
182	438.20	109.42	End Shut-In(2)
186	1750.25	109.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	mud 100%	0.90

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41780

DST#: 1

ATTN: Marc Downing

Test Start: 2011.02.15 @ 08:22:32

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:

ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
85.00	mud 100%	0.901

Total Length: 85.00 ft Total Volume: 0.901 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

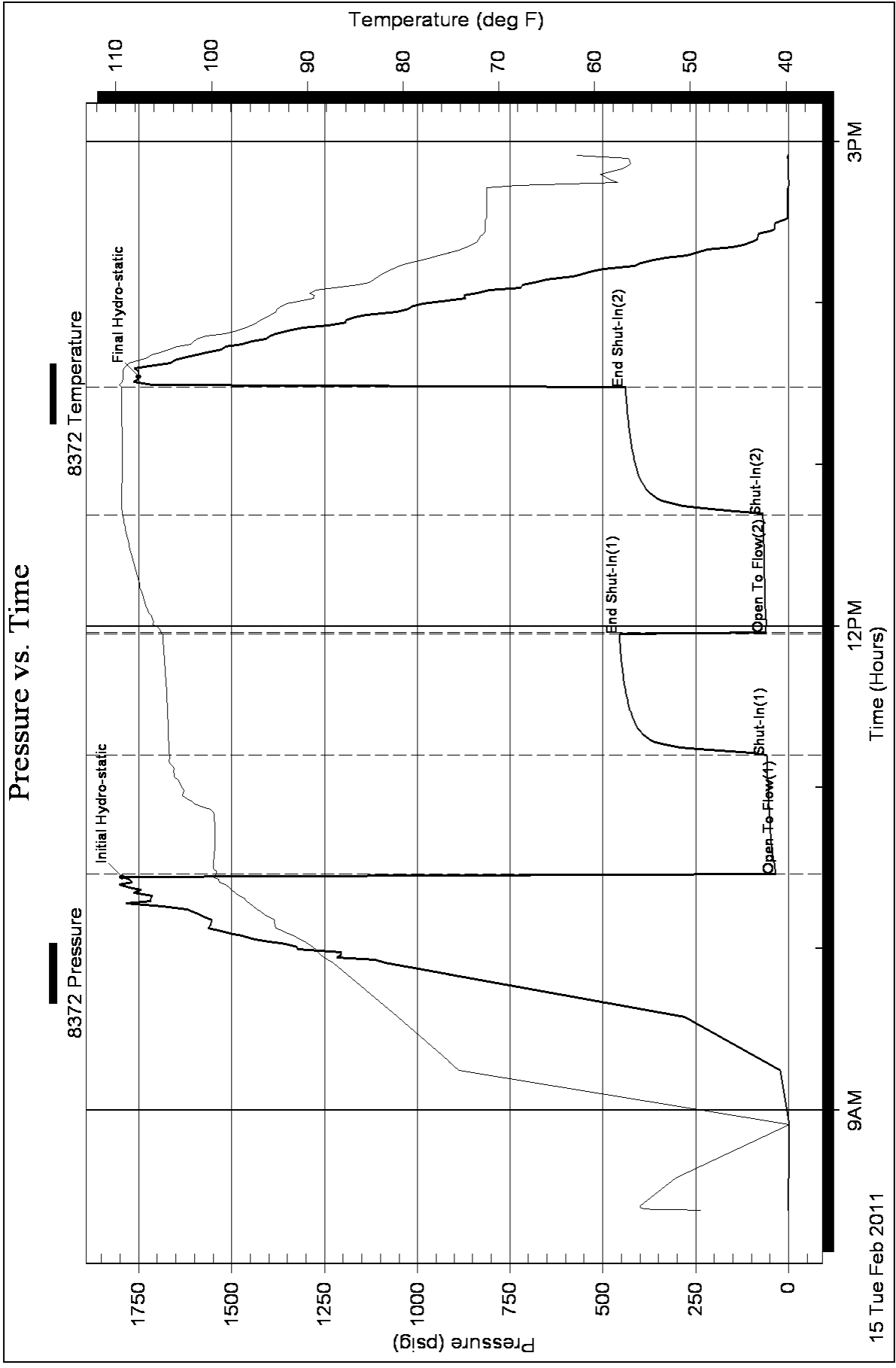
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41781

DST#: 2

ATTN: Marc Downing

Test Start: 2011.02.16 @ 08:00:33

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:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
21.00	OCM 10%O, 90%M	0.103
21.00	MCO 50%O, 50%M	0.194
3.00	FREE OIL 95%O, 5%M	0.042
0.00	35' GIP	0.000

Total Length: 45.00 ft

Total Volume: 0.339 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

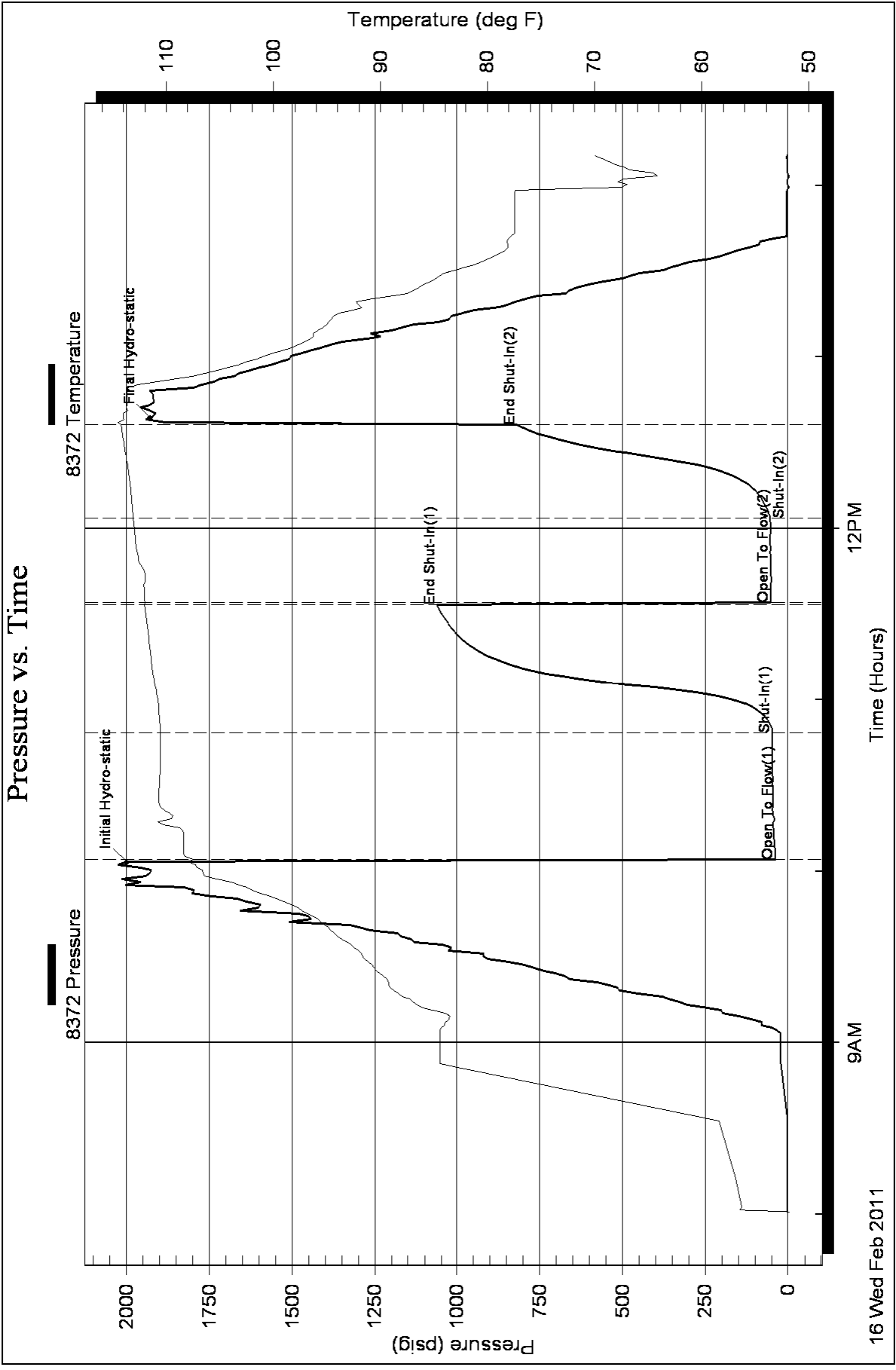
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41782

DST#: 3

ATTN: Marc Downing

Test Start: 2011.02.16 @ 20:23:03

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:32

Time Test Ended: 03:13:02

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4037.00 ft (KB) To 4047.00 ft (KB) (TVD)

Reference Elevations: 2342.00 ft (KB)

Total Depth: 4037.00 ft (KB) (TVD)

2334.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press @ Run Depth: 76.70 psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.02.16

End Date:

2011.02.17

Last Calib.: 2011.02.17

Start Time: 20:23:03

End Time:

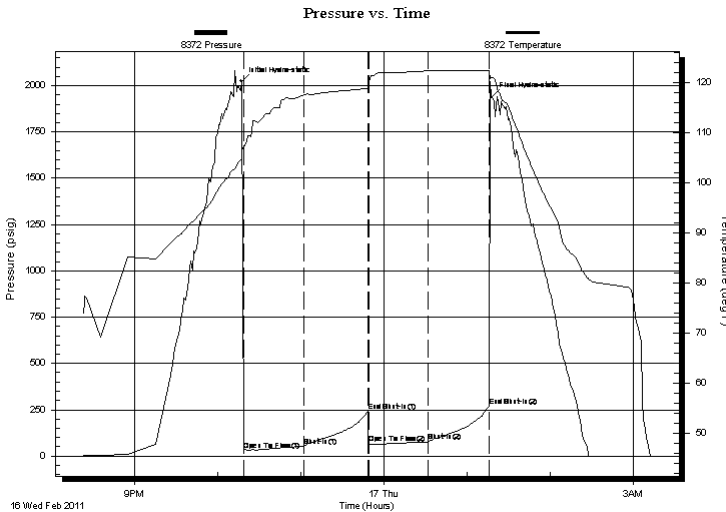
03:13:02

Time On Btm: 2011.02.16 @ 22:17:02

Time Off Btm: 2011.02.17 @ 01:18:02

TEST COMMENT: IFP - BOB 43 min
ISI - no blow back
FFP - weak to good blow sur - 6"
FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.42	104.71	Initial Hydro-static
2	30.33	107.26	Open To Flow (1)
45	52.62	117.45	Shut-In(1)
91	244.47	118.78	End Shut-In(1)
92	69.71	120.14	Open To Flow (2)
135	76.70	122.25	Shut-In(2)
179	267.66	122.29	End Shut-In(2)
181	1938.82	120.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 5%O, 55%W, 40%M	0.55
15.00	W & MCO 55%O, 15%W, 30%M	0.21
80.00	FREE OIL 95%O, 5%M	1.12
0.00	60' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41782

DST#: 3

ATTN: Marc Downing

Test Start: 2011.02.16 @ 20:23:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	SOCMW 5%O, 55%W, 40%M	0.550
15.00	W & MCO 55%O, 15%W, 30%M	0.210
80.00	FREE OIL 95%O, 5%M	1.122
0.00	60' GIP	0.000

Total Length: 155.00 ft

Total Volume: 1.882 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

