



KANSAS CORPORATION COMMISSION 1102884
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30717
Name: Downing-Nelson Oil Co Inc
Address 1: PO BOX 1019
Address 2: _____
City: HAYS State: KS Zip: 67601 + _____
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: Alan Downing
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 #: _____
10/31/2012 11/05/2012 11/06/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-165-21987-00-00
Spot Description: _____
NW NW SE NW Sec. 8 Twp. 18 S. R. 17 East West
1570 Feet from North / South Line of Section
1540 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rush
Lease Name: Middleton-Salm Well #: 1-8
Field Name: _____
Producing Formation: None
Elevation: Ground: 2075 Kelly Bushing: 2083
Total Depth: 3849 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1208 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: 23000 ppm Fluid volume: 320 bbls
Dewatering method used: Evaporated
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: Deanna Garrison Date: 12/04/2012



1102884

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Middleton-Salm Well #: 1-8
 Sec. 8 Twp. 18 S. R. 17 East West County: Rush

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: Attached				

CASING RECORD <input checked="" 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
Sueface Pipe	12.25	8.625	23	1208	Common	450	2% Gel & 3% CC

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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) (Submit ACO-4)</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	Middleton-Salm 1-8
Doc ID	1102884

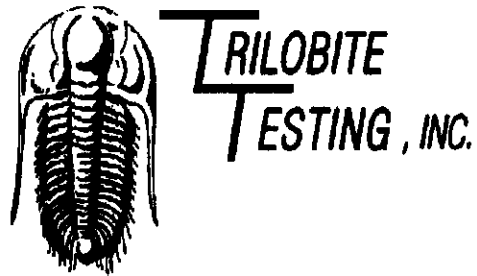
All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density/Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Middleton-Salm 1-8
Doc ID	1102884

Tops

Top Anhydrite	1197'	+886
Base Anhydrite	1230'	+803
Heebner	3380'	-1297
Toronto	3398'	-1315
LKC	3434'	-1351
BKC	3680'	-1577
Reagen Sand	3782'	-1699
Granit Wash	3804'	-1721



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company**

PO Box 1019
Hays, KS 67601

ATTN: Al Downing

Middleton-Salm #1-8

8-18s-17w Rush,KS

Start Date: 2012.11.06 @ 05:37:28

End Date: 2012.11.06 @ 12:47:28

Job Ticket #: 48725 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.11.13 @ 16:10:28

Downing Nelson Oil Company

8-18s-17w Rush,KS

Middleton-Salm #1-8

DST # 1

Reagan Sand

2012.11.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company

8-18s-17w Rush,KS

PO Box 1019
Hays, KS 67601

Middleton-Salm #1-8

Job Ticket: 48725

DST#: 1

ATTN: Al Dow ning

Test Start: 2012.11.06 @ 05:37:28

GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:50:28

Time Test Ended: 12:47:28

Test Type: Conventional Straddle (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: **3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**

Reference Elevations: 2088.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2078.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8366

Inside

Press@RunDepth: 331.98 psig @ 3776.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.06

End Date:

2012.11.06

Last Calib.: 2012.11.06

Start Time: 05:37:30

End Time:

12:47:28

Time On Btm: 2012.11.06 @ 08:50:13

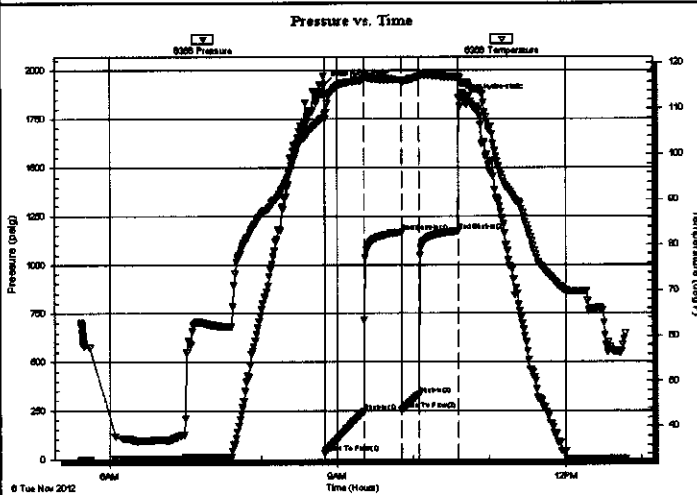
Time Off Btm: 2012.11.06 @ 10:36:13

TEST COMMENT: IFF-Good Blow , BOB in 7 Mn.

ISI-Dead

FFP-Good Blow , BOB in 9 Mn.

FSI-Dead



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.45	108.76	Initial Hydro-static
1	32.94	107.72	Open To Flow (1)
31	242.57	116.29	Shut-In(1)
61	1166.34	116.23	End Shut-In(1)
61	251.09	115.80	Open To Flow (2)
74	331.98	116.87	Shut-In(2)
106	1170.02	116.77	End Shut-In(2)
106	1857.06	116.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water-95%W-5%M	8.98
0.00	Oil Scum on very top of fluid	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Company

8-18s-17w Rush,KS

PO Box 1019
Hays, KS 67601

Middleton-Salm #1-8

Job Ticket: 48725 **DST#: 1**

ATTN: Al Dow ning

Test Start: 2012.11.06 @ 05:37:28

GENERAL INFORMATION:

Formation: **Reagan Sand**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 08:50:28
 Time Test Ended: 12:47:28
 Interval: **3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**
 Total Depth: 3852.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Straddle (Initial)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2088.00 ft (KB)
 2078.00 ft (CF)
 KB to GR/CF: 10.00 ft

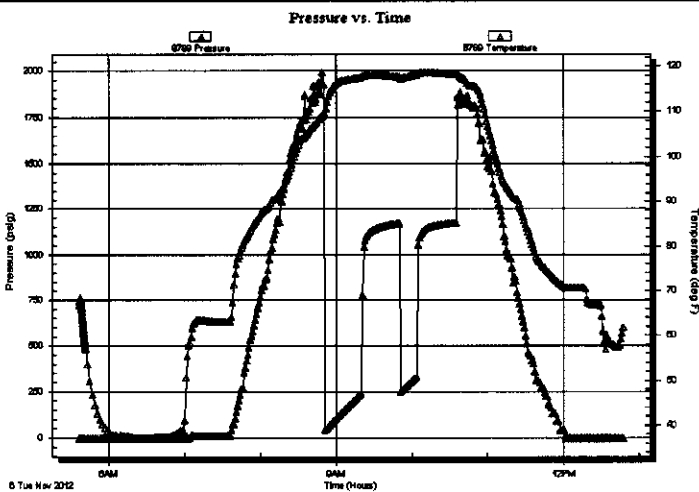
Serial #: 8789

Outside

Press@RunDepth: psig @ 3776.00 ft (KB)
 Start Date: 2012.11.06 End Date: 2012.11.06
 Start Time: 05:36:30 End Time: 12:47:43

Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Good Blow , BOB in 7 Min.
 ISI-Dead
 FFP-Good Blow , BOB in 9 Min.
 FSI-Dead



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water-95%W-5%M	8.98
0.00	Oil Scum on very top of fluid	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Downing Nelson Oil Company

8-18s-17w Rush, KS

PO Box 1019
Hays, KS 67601

Middleton-Salm #1-8

Job Ticket: 48725 **DST#: 1**

ATTN: Al Downing

Test Start: 2012.11.06 @ 05:37:28

GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:50:28

Time Test Ended: 12:47:28

Test Type: Conventional Straddle (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: **3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**

Reference Elevations: 2088.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2078.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8289 Below (Straddle)

Press@RunDepth: psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.06

End Date: 2012.11.06

Last Calib.: 2012.11.06

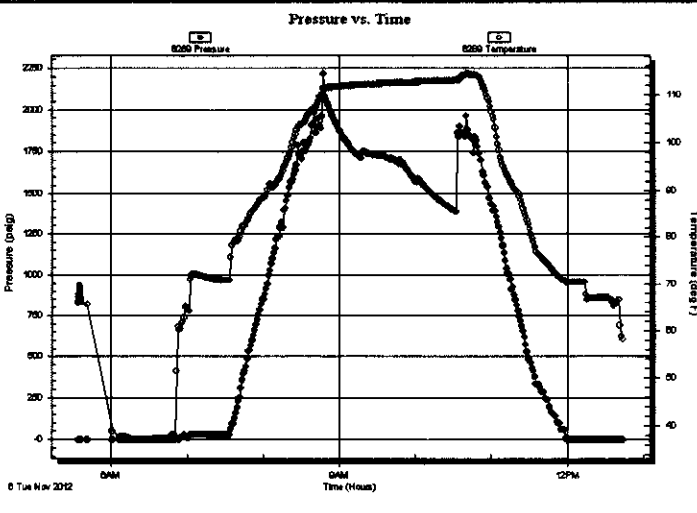
Start Time: 05:33:57

End Time: 12:44:25

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP-Good Blow , BOB in 7 Mn.
IS-Dead
FFP-Good Blow , BOB in 9 Mn.
FSI-Dead



PRESSURE SUMMARY

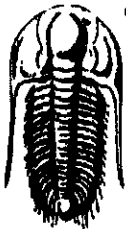
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water-95%W-5%M	8.98
0.00	Oil Scum on very top of fluid	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Company

8-18s-17w Rush,KS

PO Box 1019
Hays, KS 67601

Middleton-Salm #1-8

Job Ticket: 48725

DST#: 1

ATTN: Al Downing

Test Start: 2012.11.06 @ 05:37:28

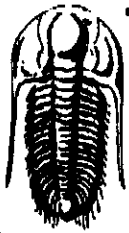
Tool Information

Drill Pipe:	Length: 3729.00 ft	Diameter: 3.80 inches	Volume: 52.31 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: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		<u>Total Volume:</u>	<u>52.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3760.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	3790.00 ft			
Interval between Packers:	30.00 ft			
Tool Length:	112.00 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			3740.00	
Shut In Tool	5.00			3745.00	
Hydraulic tool	5.00			3750.00	
Packer	5.00			3755.00	21.00 Bottom Of Top Packer
Packer	5.00			3760.00	
Stubb	1.00			3761.00	
Perforations	15.00			3776.00	
Recorder	0.00	8366	Inside	3776.00	
Recorder	0.00	8789	Outside	3776.00	
Perforations	10.00			3786.00	
Blank Off Sub	1.00			3787.00	
Blank Spacing	3.00			3790.00	30.00 Tool Interval
Packer	1.00			3791.00	
Perforations	19.00			3810.00	
Change Over Sub	1.00			3811.00	
Recorder	0.00	8289	Below	3811.00	
Blank Spacing	32.00			3843.00	
Change Over Sub	1.00			3844.00	
Perforations	4.00			3848.00	
Bullnose	3.00			3851.00	61.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Company

8-18s-17w Rush,KS

PO Box 1019
Hays, KS 67601

Middleton-Salm #1-8

Job Ticket: 48725

DST#: 1

ATTN: Al Downing

Test Start: 2012.11.06 @ 05:37:28

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:

19500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.58 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 bbf
660.00	Muddy Water-95%W-5%M	8.985
0.00	Oil Scum on very top of fluid	0.000

Total Length: 660.00 ft

Total Volume: 8.985 bbf

Num Fluid Samples: 0

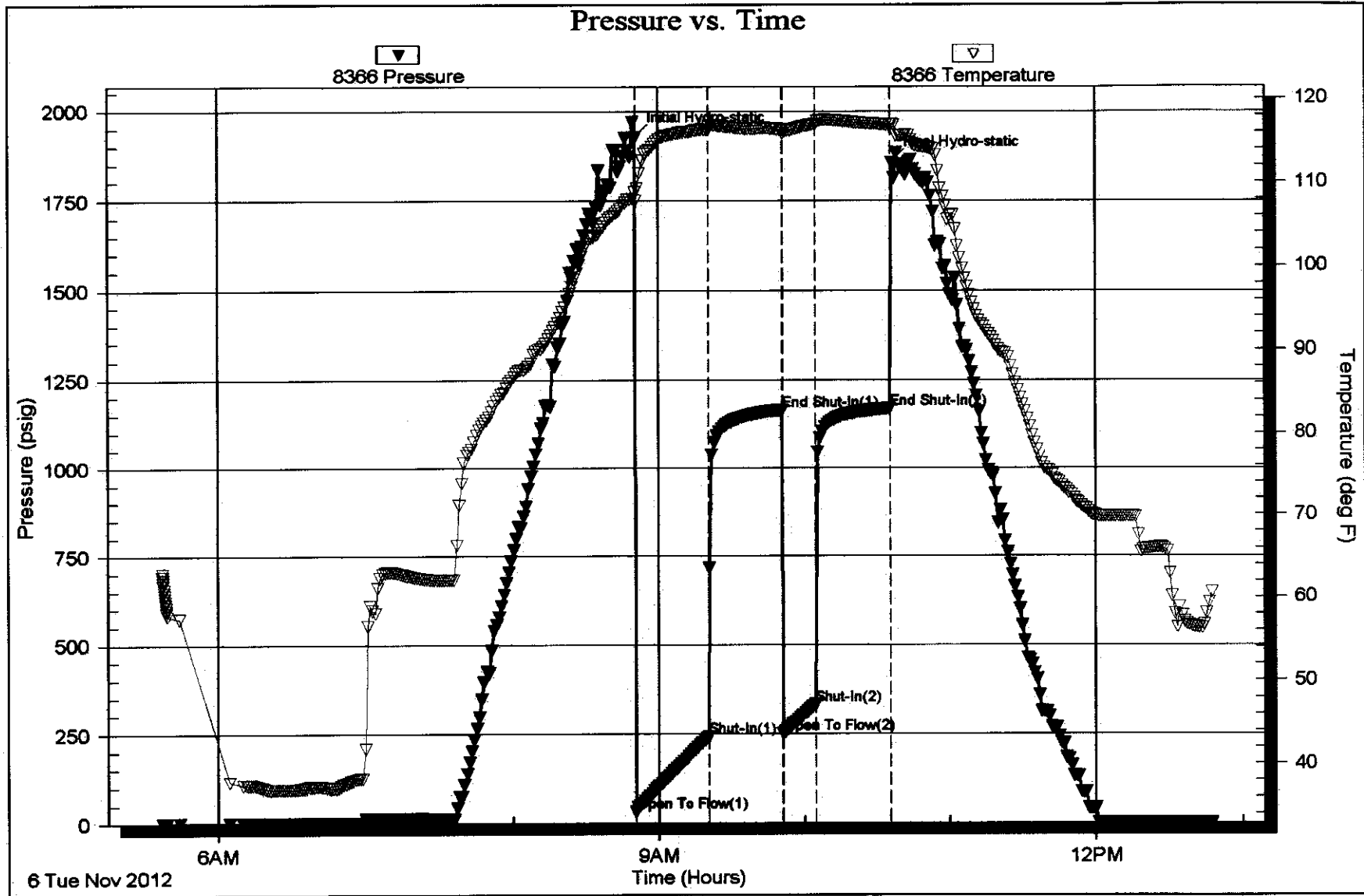
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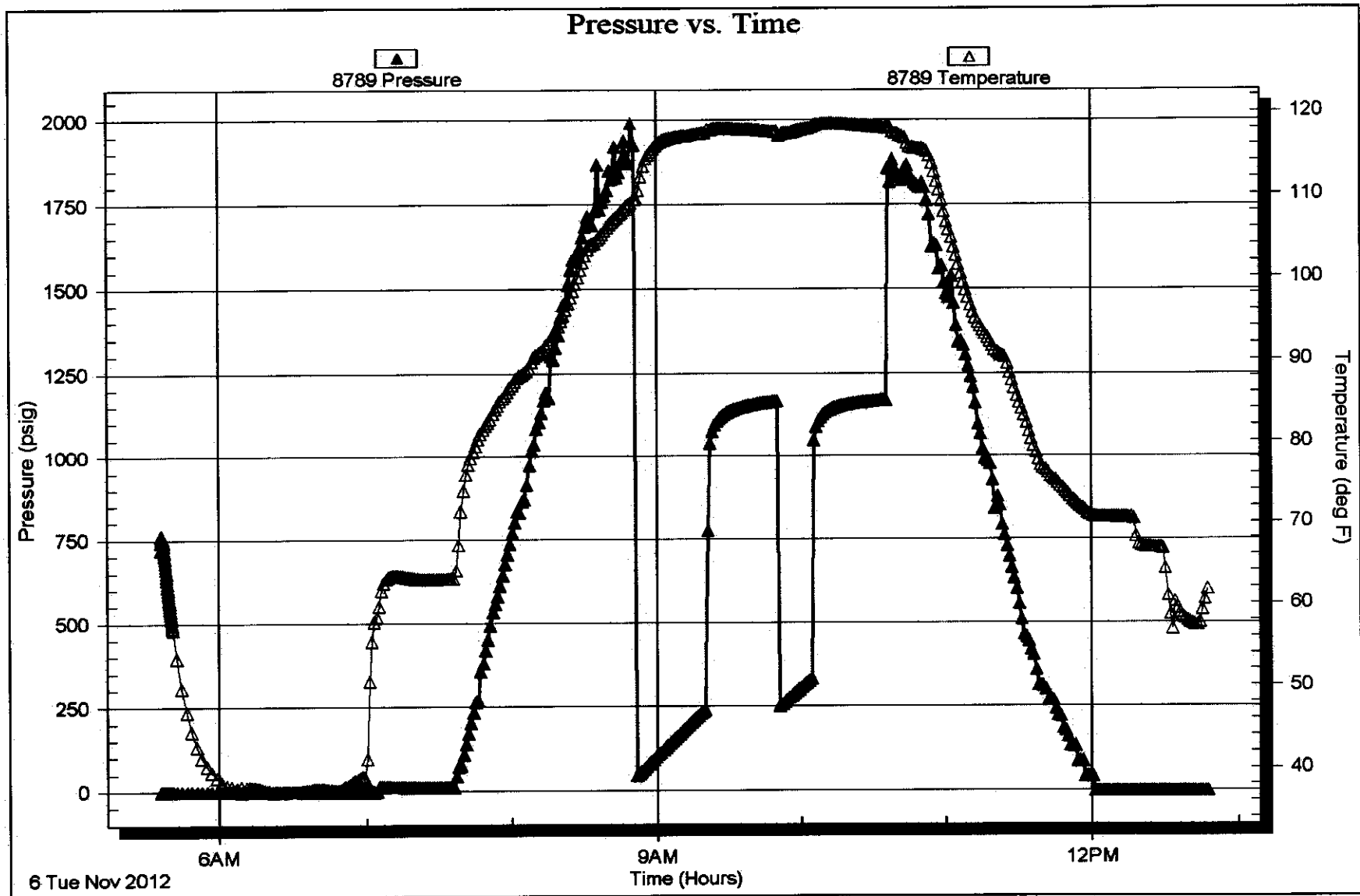
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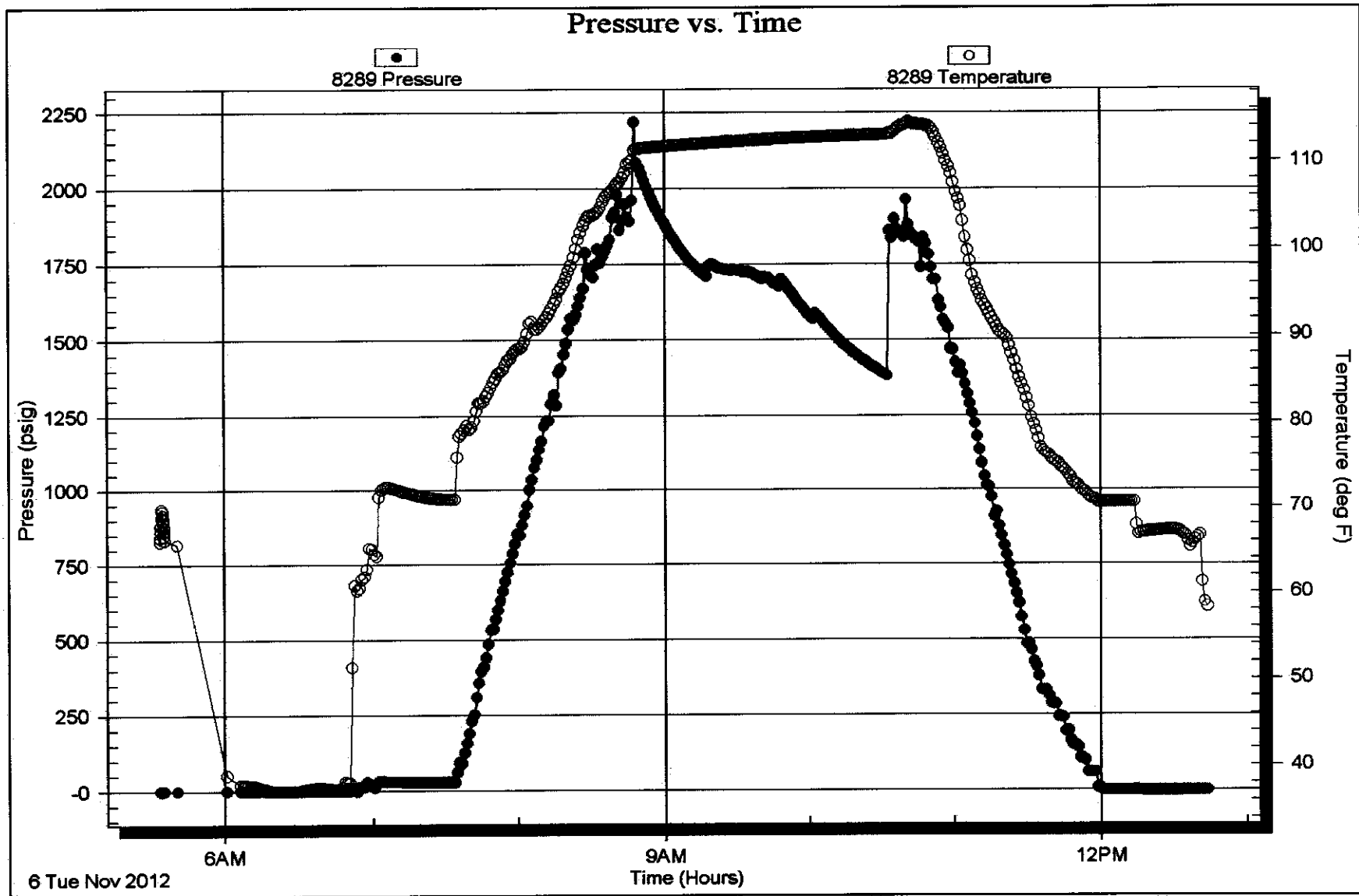
Laboratory Name:

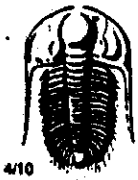
Laboratory Location:

Recovery Comments:









TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48725

Well Name & No. Middleton - Salm #1-8 Test No. 1 Date 11-6-12
 Company Dawing Nelson Oil Company Elevation 2078 KB 2078 GL
 Address PO Box 1019, Hays, KS. 67601
 Co. Rep / Geo. AI Downing Rig Discovery #4
 Location: Sec. 8 Twp. 18s Rge. 17w Co. Rush State KS

Interval Tested 3760-3790 Zone Tested Reagan Sand
 Anchor Length 30 Drill Pipe Run 3729 Mud Wt. 9.4
 Top Packer Depth 3755 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3760 straddle 3790 Wt. Pipe Run 0 WL 9.6
 Total Depth 3852 Chlorides 4,000 ppm System LCM 2nd
 Blow Description IFP - Good Blow, BOB in 7 min.
ISI - Dead
FFP - Good Blow, BOB in 9 min.
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>660</u>	<u>Muddy Water (w/oil seam)</u>		<u>95</u>	<u>5</u>	
	<u>(on top)</u>				

Rec Total 660 BHT _____ Gravity _____ API RW 333 @ 71 °F Chlorides 19,500 ppm

(A) Initial Hydrostatic 1926 Test _____ T-On Location 5:14
 (B) First Initial Flow 33 Jars _____ T-Started 5:33
 (C) First Final Flow 243 Safety Joint _____ T-Open 8:49
 (D) Initial Shut-In 1166 Circ Sub _____ T-Pulled 10:34
 (E) Second Initial Flow 251 Hourly Standby _____ T-Out 12:43
 (F) Second Final Flow 332 Mileage 74rt 114.70 _____ Comments _____
 (G) Final Shut-In 1170 Sampler _____
 (H) Final Hydrostatic 1857 Straddle 600 _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 15 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1864.70
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1864.70

Approved By _____ Our Representative Jason McClemon Thank You

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Marc Downing**Consulting Petroleum Geologist**

1411 Washington Circle

Hays, Ks 67601

Phone: 620-428-1356 (cell) 785-621-2286

**GEOLOGIC
REPORT
LOG**COMPANY
Downing-Nelson Oil Co., Inc

WELL Middleton - Salina # 1-B

FIELD Wildcat

LOCATION 1570' FAR - 1540' FULC

SEC. B TWP. 18S RGE. 17W

COUNTY Rush

STATE Kansas

PRODUCTION Dry

ELEVATION KB 2083

DF

GL 2075

Drilling Measured From: 2083 LB

Samples Saved From 3300 To: TD

Drilling Time From 2854 To: TD

Samples Examined From 3300 To: TD

Geological Supervision From 2854 To Total Depth

Wellsite Geologist Marc Downing

Electrical Surveys Nabors

CNL/GE - Dual Induction

Sonic - Microlog

OPERATOR DNOCT
CONTRACTOR DNOCT Drilling #4
COMM: COMP:**CASING RECORD**

SURF: 10-31-12 PROD: 11-03-12

TOTAL DEPTH DRILLERS: 3849

TOTAL DEPTH LOG: 3852

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Annhydrite	1192	1197	+286	
BASE	1227	1230	+283	
Hechney	3578	3380	-1297	
Toronto	3340	3398	-1315	
Lansing	3432	3434	-1351	
BK	3681	3680	-1577	
Keagan SL	3778	3782	-1679	
Grand Wash	3802	3804	-1721	

REFERENCE WELL FOR STRUCTURE

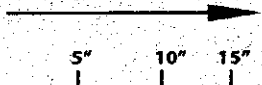
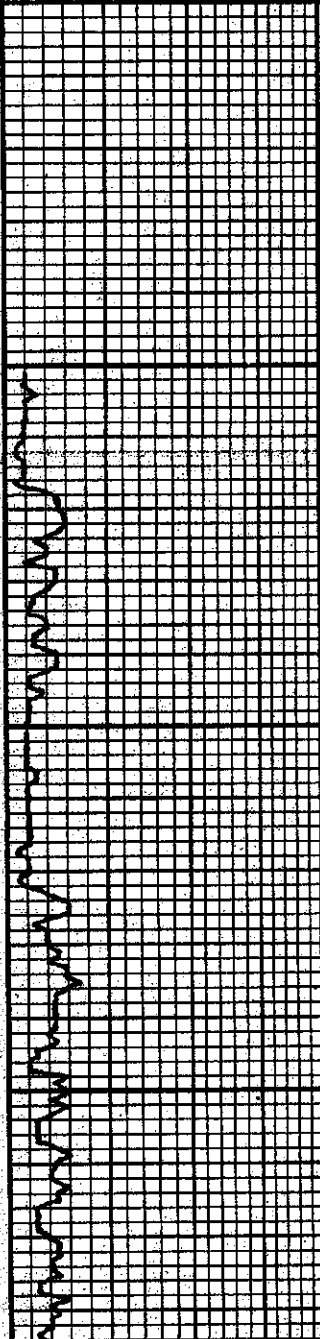
DRILL STEM TESTS

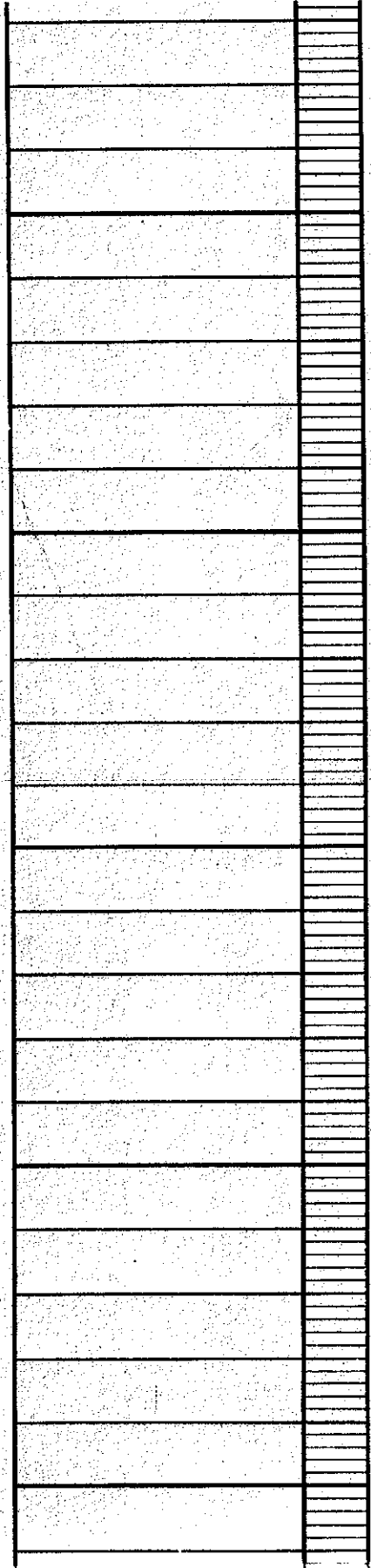
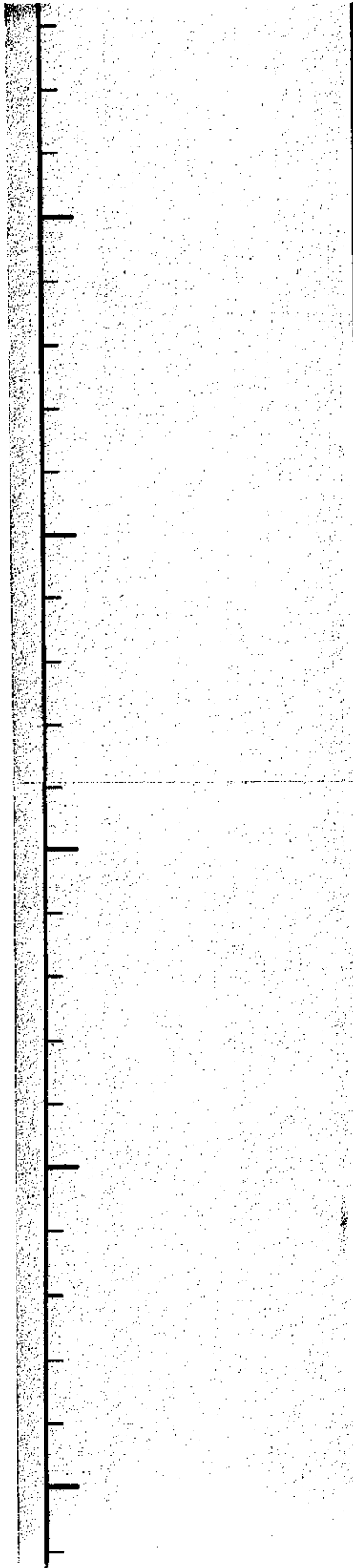
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	JHP-FHP	RECOVERY

REMARKS AND RECOMMENDATIONS

LEGEND



DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases 	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	2900	8			



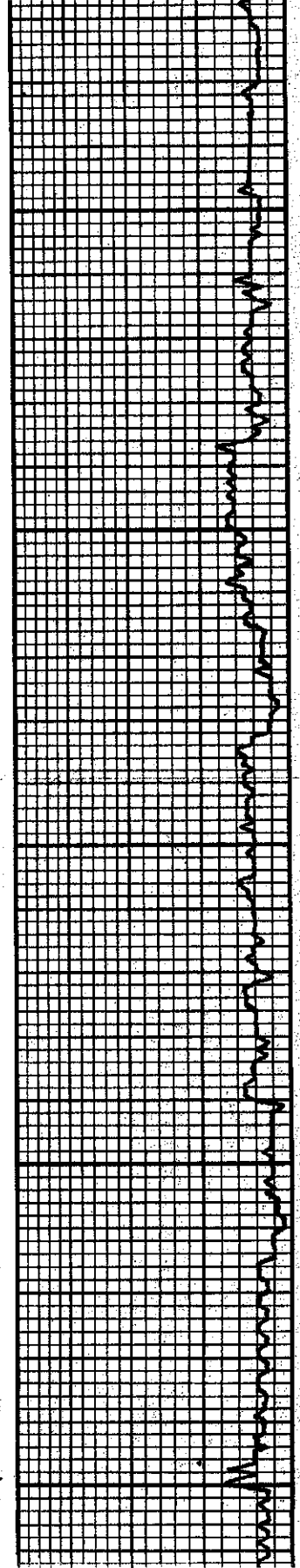
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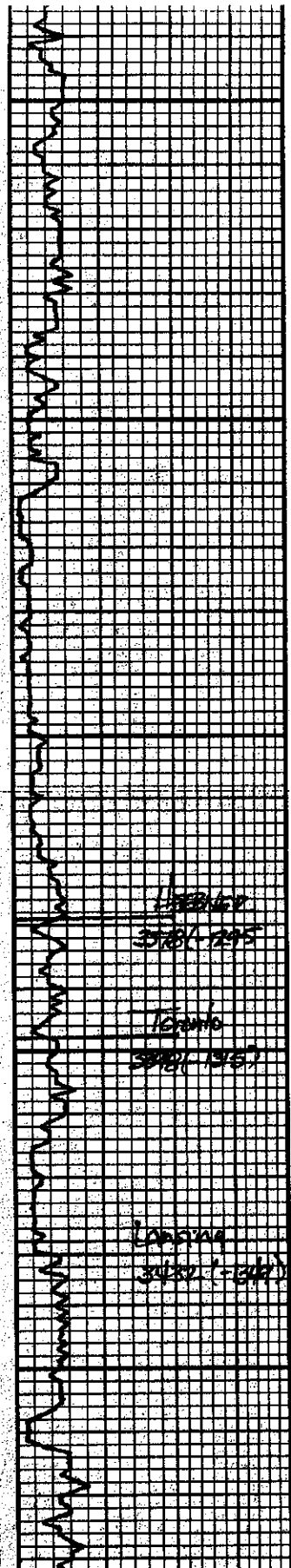
50

3100

50

3000





50

3300

ls: Tan Lt. Br. An
w v good ooc

}

50

ls: Tan Br. f. v. An
v. d. s. w. d. the interval
No show out -

3380-3395

sh: Black - clay
ls: wht An - v. An v. d. s.

3395-3400

sn: qtz - Brown

3400

ls: wht f. subm. f. no. has
frag. all Ns

sn: qtz - Brown - green

3400-3410

ls: An f. subm. in good interval
No show

ls: wht - f. v. An all v. d. s.

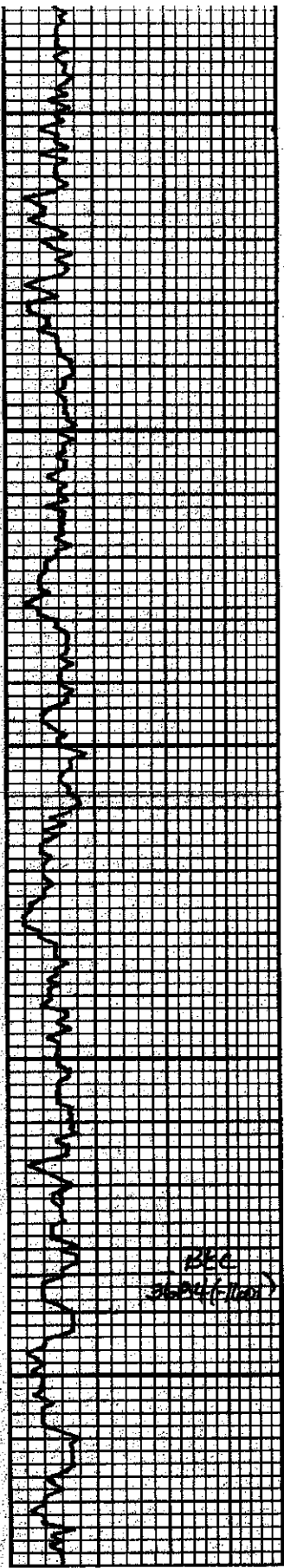
50

sn: Brown

ls: wht An v. d. s. w. d. the interval
ooc f. - d. ally. Brown - An
brown in total - d. s.

sn: qtz

ls: wht Lt. Tan scath. ooc



3500

VAn vOSE

LS: und fern w spratt oold
NS

LS: Tan An in get ood NS
bec. dSE

LS: und An v ool ut v get ood ood
No show all Barm

50

LS: und f. v. An all v oSE
som v. ool Bns all NS

SN: am v. danc am

LS: und f. Tan in v ood
all NS: mostly all dSE

3600

SN: am

LS: und f. v. An v oSE
in Ab

SN: am

LS: Tan - all und An v ood
ood d NS all Barm

50

LS: und f. v. An v oSE in
few spratt ool f - No show

SN: v. danc am - elact carb

LS: und f. Tan An in spratt
ood - NS -

SN: Eol - Broan v. si. Hu

3700

SN: am in orange ool

LS: und An v. ool in
amut

LS: und Tan d. che H. Tan
Barm - ool -

OIL & GAS SERVICES, LLC 053592

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

SERVICE POINT:
Greenfield, KS

DATE <i>1/17/12</i>	SEC. <i>46</i>	TWP. <i>13</i>	RANGE <i>17</i>	CALLED OUT	ON LOCATION	JOB START <i>11:00am</i>	JOB FINISH <i>12:00</i>
LEASE # <i>216</i>	WELL # <i>1-9</i>	LOCATION <i>Brown 2nd 2 1/4 S</i>		COUNTY <i>Rush</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one) <i>NEW</i>				<i>Ermao</i>			

CONTRACTOR <i>173 Colony #4</i>	OWNER <i>101</i>
TYPE OF JOB <i>Workover</i>	
HOLE SIZE <i>11 1/2"</i>	T.D.
CASING SIZE <i>6 5/8"</i>	DEPTH <i>2008</i>
TUBING SIZE	DEPTH
DRILL PIPE <i>4 1/2"</i>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOT POINT
CEMENT LEFT IN CSG. <i>17.70 lbs</i>	
PERFS	
DISPLACEMENT <i>75.62</i>	

CEMENT	AMOUNT ORDERED			
COMMON	<i>450</i>	@	<i>17.80</i>	<i>\$8055.00</i>
POZMIX		@		
GEL	<i>9</i>	@	<i>23.40</i>	<i>210.60</i>
CHLORIDE	<i>10</i>	@	<i>14.00</i>	<i>140.00</i>
ASC		@		
HANDLING	<i>487.50</i>	@	<i>2.18</i>	<i>1209.00</i>
MILEAGE	<i>22.23 x 32</i>	@	<i>2.50</i>	<i>1549.53</i>
			TOTAL	<i>12,348.13</i>

PUMP TRUCK # <i>3166</i>	CEMENTER <i>Wagner, Christopher</i>
	HELPER <i>Kevin Eddy</i>
BULK TRUCK # <i>34470</i>	DRIVER <i>Kevin Weighers</i>
BULK TRUCK #	DRIVER

REMARKS:
*Break circulation with Big sand
pump 5 bbls fresh and 10 bbls
1000 1500 lbs class A
Water from balance plus
12.50 bbls 75 lbs bbls to 4" work
plus plug 200 #
plus 1000 11/17/12
Cement did circulation.*

CHARGE TO: *Dowing Nelson*

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *X*

SIGNATURE *Mike Russell*

Thank You!

SERVICE				
DEPTH OF JOB	<i>1208</i>			
PUMP TRUCK CHARGE				<i>2213.75</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>401 32</i>	@	<i>7.70</i>	<i>246.40</i>
MANIFOLD		@		
	<i>LVM 32</i>	@	<i>4.40</i>	<i>140.80</i>
			TOTAL	<i>2,600.95</i>

PLUG & FLOAT EQUIPMENT				
<i>8 5/8"</i>				
<i>1 Rubber Plug</i>	@	<i>121.04</i>		<i>121.04</i>
<i>1 Plug Flo Pipe</i>	@	<i>131.82</i>		<i>131.82</i>
	@			
	@			
	@			
			TOTAL	<i>262.86</i>

SALES TAX (if Any) *601.95*

TOTAL CHARGES *16,211.14*

DISCOUNT *24%* *3,650.67*

\$11,560.49 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 059075

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Blue Bell K1

DATE <u>1/6/12</u>	SEC. <u>8</u>	TWR. <u>18</u>	RANGE <u>2</u>	CALLED OUT	ON LOCATION <u>4:30 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>50' 30"</u> WELL # <u>1-R</u> LOCATION <u>Brown - 2nd st, 2 1/4 south</u>				COUNTY <u>Blum</u>		STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				LOCATION <u>East into</u>			

CONTRACTOR <u>Discretion 4</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Repair Plug</u>	
HOLE SIZE <u>7 7/8</u>	I.D. <u>33' 18"</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3760</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERES	
DISPLACEMENT	

CEMENT AMOUNT ORDERED 220 lb 5/40 1/2 Ad

COMMON	<u>132</u>	@ <u>17.90</u>	<u>2362.80</u>
POZMIX	<u>88</u>	@ <u>9.55</u>	<u>822.80</u>
GEL	<u>8</u>	@ <u>23.40</u>	<u>187.20</u>
CHLORIDE		@	
ASC		@	
HANDLING	<u>233.83</u>	@ <u>2.48</u>	<u>578.85</u>
MILEAGE	<u>9.86</u>	@ <u>3.24</u>	<u>320.20</u>
			TOTAL <u>4771.85</u>

EQUIPMENT

PUMP TRUCK # <u>310</u>	CEMENTER <u>Tom Anderson</u>
BULK TRUCK # <u>391</u>	HELPER <u>Wayne Davis</u>
BULK TRUCK #	DRIVER <u>Don Cooper</u>
BULK TRUCK #	DRIVER

REMARKS:

15 Plug - 50' at 3760'
2nd Plug - 50' at 1330'
3rd Plug - 50' at 910'
4th Plug - 50' at 100'
5th Plug - 50' at 100'
Manifold - 30' at

SERVICE

DEPTH OF JOB	<u>3760</u>
PUMP TRUCK CHARGE	<u>2600.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>Hum 32 @ 2.70 = 246.40</u>
MANIFOLD	<u>Hum 32 @ 4.40 = 140.80</u>

CHARGE TO: Dauning Nelson

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2987.80

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

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 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL _____

SALES TAX (If Any) 488.84

TOTAL CHARGES 7759.84

DISCOUNT 25% 1939.26 IF PAID IN 30 DAYS

5819.61

PRINTED NAME _____

SIGNATURE Mike Handley