



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: _____



1061305

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	Robert Nickelson 1-27
Doc ID	1061305

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Neutron / Density

JOB LOG

SWIFT Services, Inc.

DATE 7-28-11 PAGE NO. 1

CUSTOMER DOWNING - NELSON WELL NO. 1-27 LEASE ROBERT NICHOLSON JOB TYPE 5/2" 2-STAGE LGST. TICKET NO. 21005

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							ON LOCATION
	1130							START 5 1/2" CASING IN WELL
								TD-4105 SET @ 4105
								TP-4105 5 1/2" #14
								ST-21
								CENTRALIZERS - 1, 3, 5, 8, 10, 12, 14, 48
								CMT BRKTS - 49
								DV TOOL @ 2083 TOP ST # 49
	1300							DROP BALL - CIRCULATE ROTATE
	1325	6	12		✓	450		PUMP 500 GAL MUD FLUSH "
	1327	6	20		✓	450		PUMP 20 BBL - KCL FLUSH "
	1335	4 1/2	36		✓	250		MAX 150 SKS EA-2 @ 15.5 PPG "
	1343							WASH OUT PUMP - LEJES
	1344							RELEASE 1 ST STAGE LATCH DOWN PLUG
	1345	7	0		✓			DISPLACE PLUG "
		7	90			600		SHUT OFF ROTATING
	1400	6 1/2	99.6			1500		PLUG DOWN - PSE LATCH IN PLUG
	1402							OK RELEASE PSE - HELD
	1405							DROP DV OPENING PLUG
	1415				✓	1100		OPEN DV - CIRCULATE
	1420	6	20		✓	350		PUMP 20 BBL KCL-FLUSH
	1425		7-5					PLUG RH - MH (30 SKS - 20 SKS)
	1430	6	103		✓	250		MAX 185 SKS SMD @ 11.2 PPG
	1445							WASH OUT PUMP - LEJES
	1447							RELEASE DV CLOSE PLUG
	1450	6	0		✓			DISPLACE PLUG
	1500	4	50.8			1500		PLUG DOWN - PSE UP CLOSE DV TOOL
	1502							OK RELEASE PSE - HELD
								CIRCULATED 20 SKS CEMENT TO PSE
								WASH TRUCK
	1530							JOB COMPLETE

THANK YOU
WAYNE, JOSH F., ROB

ALLIED CEMENTING CO., LLC. 035795

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell, KS

DATE <u>7-22-11</u>	SEC <u>27</u>	TWP <u>9</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00pm</u>	JOB FINISH <u>5:30pm</u>
LEASE <u>Robert Mickelson</u>	WELL# <u>1-27</u>	LOCATION <u>Wakeeney North 40</u>	COUNTY <u>Graham</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one)		<u>Red Line 7w 1N Finto</u>					

CONTRACTOR Discobey Drilling #1

TYPE OF JOB Surface

HOLE SIZE _____ T.D. 221

CASING SIZE 8 5/8 DEPTH 221.10

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 ft

PERFS. _____

DISPLACEMENT 13.12

OWNER _____

CEMENT

AMOUNT ORDERED 150 SK Com

3% CC 2% Grel.

COMMON	<u>150</u>	@	<u>16.25</u>	<u>2437.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>2.25</u>	<u>355.50</u>
MILEAGE	<u>11/56/16</u>			<u>869.00</u>
				TOTAL <u>4016.75</u>

REMARKS:

Run 5 Joints of 8 5/8 & landing joint

Est Circulation - Mud Pump

Displace with

Cement did circulate

Thank's!!!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>1125.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>100</u>	@	<u>7.00</u>	<u>700.00</u>
MANIFOLD		@		
<u>CUL</u>	<u>100</u>	@	<u>4.00</u>	<u>400.00</u>
				TOTAL <u>2225.00</u>

CHARGE TO: Dowling - Nelson Oil CO

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

To Allied Cementing Co., 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 Chiff Marshall

SIGNATURE _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____



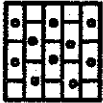

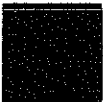
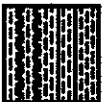


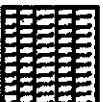
DISCOUNT 20/50 IF PAID IN 30 DAYS


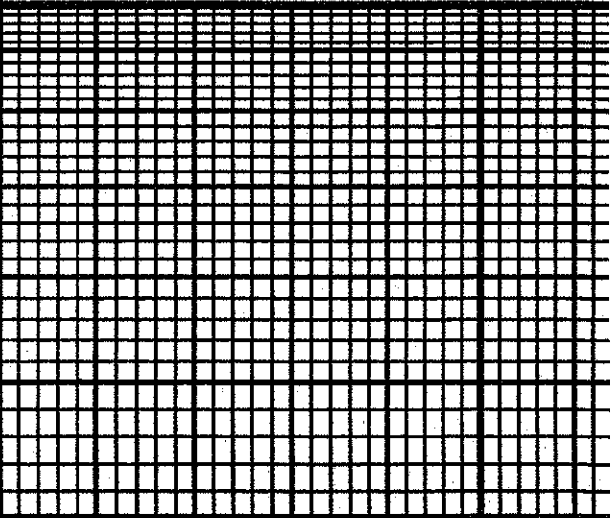
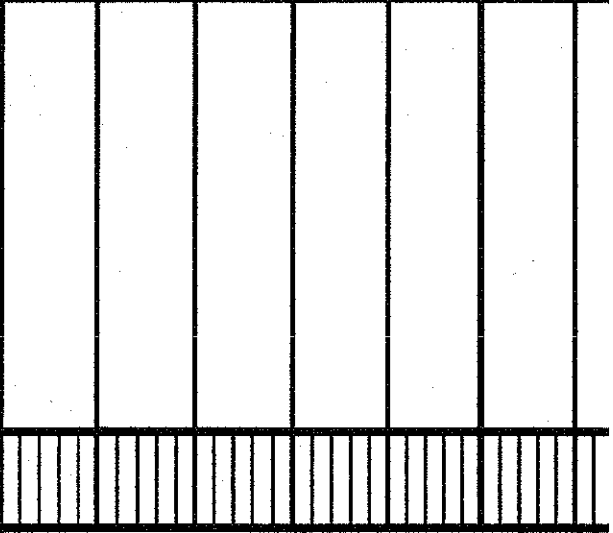

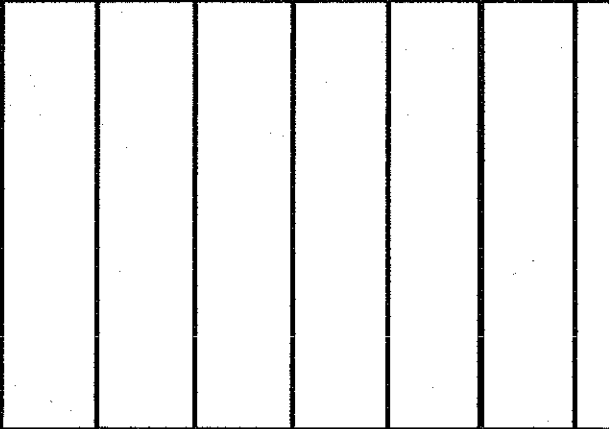

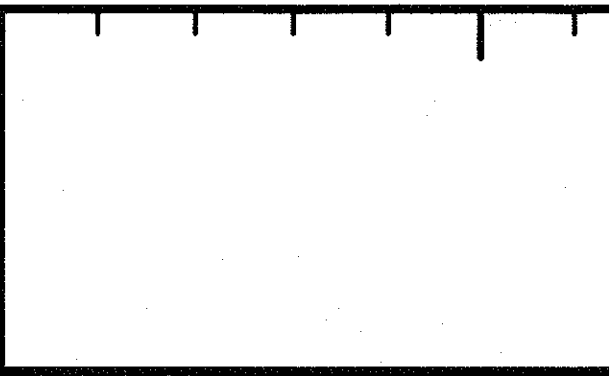
DRILL STEM TESTS

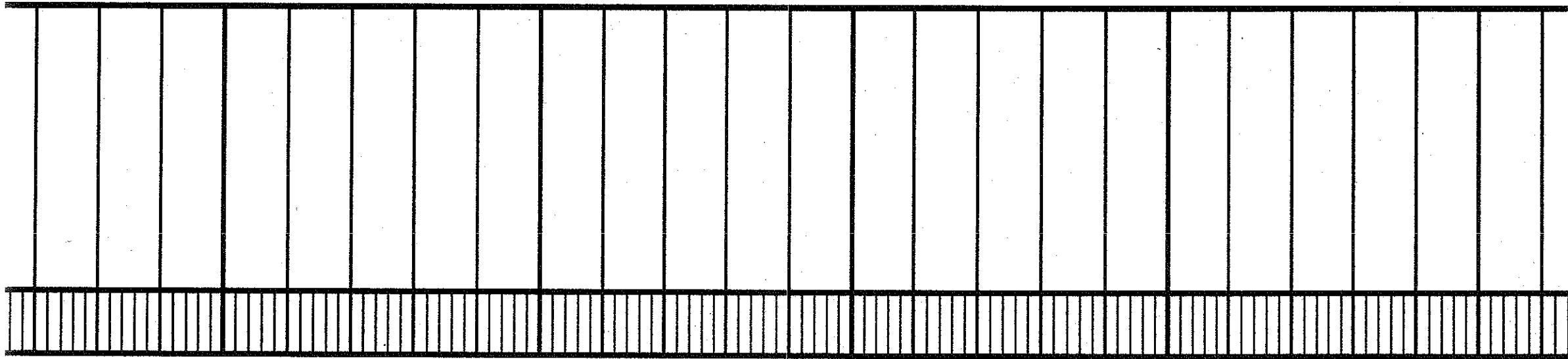
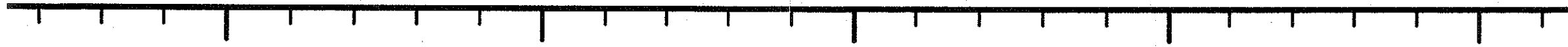
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHM-FHM	RECOVERY

REMARKS AND RECOMMENDATIONS _____

LEGEND

-  Dolomite
-  Chert
-  Ool.Lime
-  Limestone
-  Carb sh
-  Shale
-  Sandstone
-  Salt
-  Anhydrite

<p>DRILLING TIME IN MINUTES PER FOOT</p> <p>Rate of Penetration Decreases</p> 	<p>5" 10" 15" 20" 25"</p>	
<p>DEPTH</p>		
<p>LITHOLOGY</p>		
<p>SAMPLE DESCRIPTIONS</p>		
<p>OIL SHOWS</p>		
<p>REMARKS</p>		

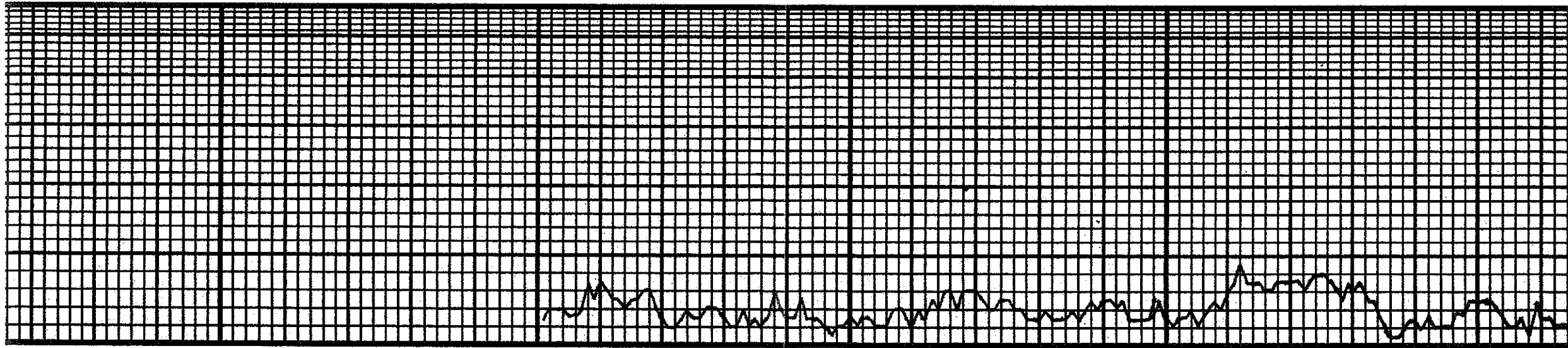


3600

50

3700

50





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co Inc

Robert Nickelson 1-27

PO Box 1019
Hays, Ks 67601

27-9-24 Graham, Ks

ATTN: Marc Dow ning

Job Ticket: 44153

DST#: 1

Test Start: 2011.07.26 @ 06:06:31

GENERAL INFORMATION:

Formation: **LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:38:01

Time Test Ended: 11:47:31

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3859.00 ft (KB) To 3882.00 ft (KB) (TVD)

Reference Elevations: 2477.00 ft (KB)

Total Depth: 3882.00 ft (KB) (TVD)

2470.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8734 Outside

Press @ Run Depth: 217.76 psig @ 3867.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.26

End Date: 2011.07.26

Last Calib.: 2011.07.26

Start Time: 06:06:32

End Time: 11:47:31

Time On Btm: 2011.07.26 @ 07:36:31

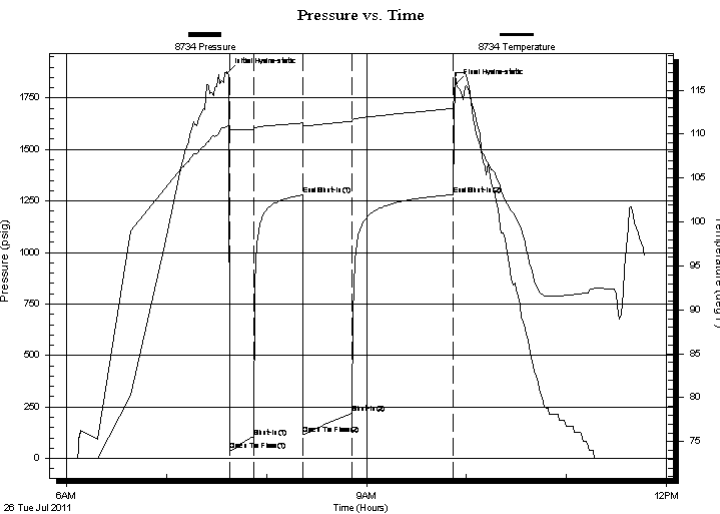
Time Off Btm: 2011.07.26 @ 09:54:01

TEST COMMENT: IFP - BOB 45 sec

ISI - BOB 13 min

FFP - BOB 6 min

FSI - BOB 6 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.86	110.91	Initial Hydro-static
2	38.06	110.52	Open To Flow (1)
16	104.34	110.50	Shut-In(1)
45	1279.20	111.26	End Shut-In(1)
46	117.13	110.91	Open To Flow (2)
75	217.76	111.47	Shut-In(2)
136	1280.38	112.91	End Shut-In(2)
138	1818.30	117.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	MW 95%W, 5%M	2.80
45.00	WM 50%W, 50%M	0.63
215.00	FREE OIL 95%O, 5%M	3.02
0.00	1440 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co Inc

Robert Nickelson 1-27

PO Box 1019
Hays, Ks 67601

27-9-24 Graham, Ks

Job Ticket: 44153

DST#: 1

ATTN: Marc Downing

Test Start: 2011.07.26 @ 06:06:31

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

90000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 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
220.00	MW 95%W, 5%M	2.804
45.00	WM 50%W, 50%M	0.631
215.00	FREE OIL 95%O, 5%M	3.016
0.00	1440 GIP	0.000

Total Length: 480.00 ft

Total Volume: 6.451 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

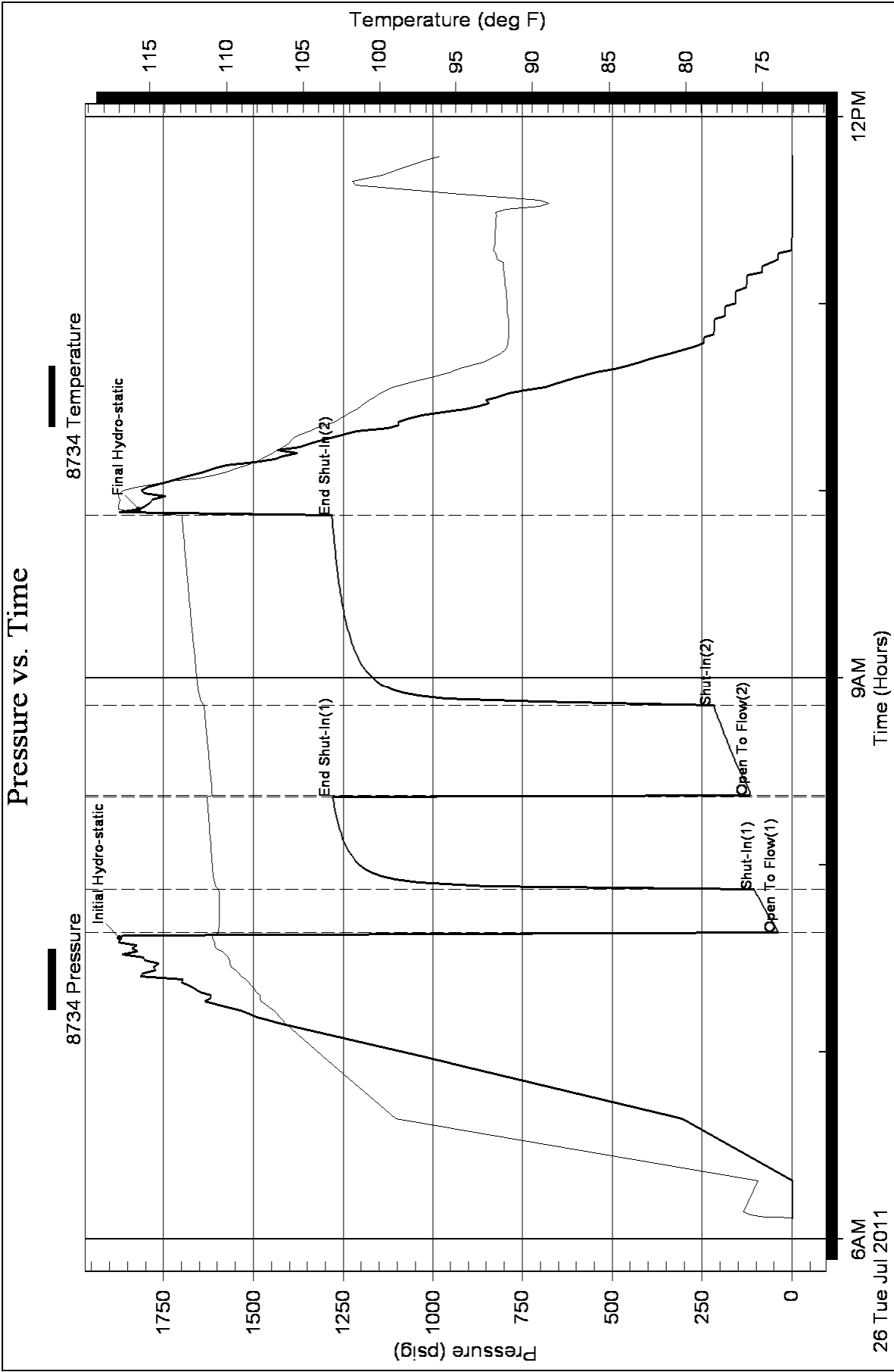
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co Inc

Robert Nickelson 1-27

PO Box 1019
Hays, Ks 67601

27-9-24 Graham, Ks

ATTN: Marc Dow ning

Job Ticket: 44154

DST#: 2

Test Start: 2011.07.26 @ 19:15:38

GENERAL INFORMATION:

Formation: **LKC "E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:54:08

Time Test Ended: 01:00:38

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3880.00 ft (KB) To 3902.00 ft (KB) (TVD)

Reference Elevations: 2477.00 ft (KB)

Total Depth: 3902.00 ft (KB) (TVD)

2470.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8734 Outside

Press @ Run Depth: 169.22 psig @ 3884.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.26

End Date:

2011.07.27

Last Calib.:

2011.07.27

Start Time: 19:15:39

End Time:

01:00:38

Time On Btm:

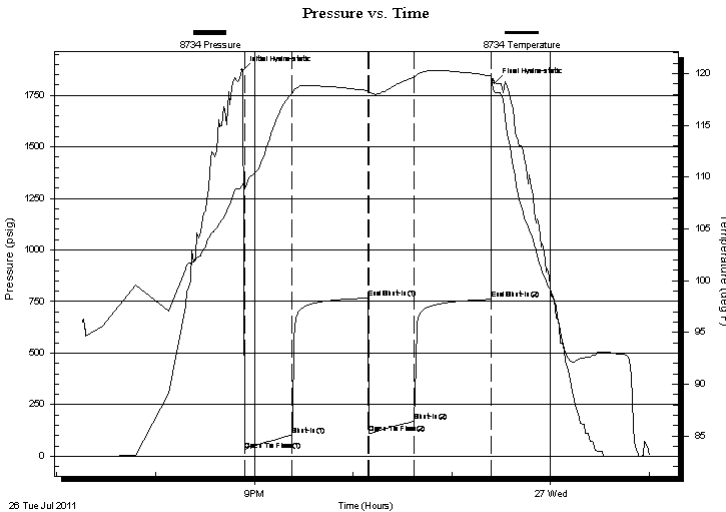
2011.07.26 @ 20:52:38

Time Off Btm:

2011.07.26 @ 23:26:08

TEST COMMENT: IFP - BOB 6 min
ISI - 6" blow back
FFP - BOB 8 min
FSI - BOB 17 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.14	109.29	Initial Hydro-static
2	27.75	108.93	Open To Flow (1)
30	102.52	118.06	Shut-In(1)
77	767.27	118.37	End Shut-In(1)
77	110.82	118.17	Open To Flow (2)
105	169.22	119.66	Shut-In(2)
151	760.83	119.77	End Shut-In(2)
154	1810.14	118.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	MW 90%W, 10%M	1.75
105.00	SOCWM 5%O 45%W, 50%M	1.47
60.00	FREE OIL 95%O, 5%M	0.84
0.00	760' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning Nelson Oil Co Inc

Robert Nickelson 1-27

PO Box 1019
Hays, Ks 67601

27-9-24 Graham, Ks

Job Ticket: 44154

DST#: 2

ATTN: Marc Dow ning

Test Start: 2011.07.26 @ 19:15:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

85000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 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 bbf
145.00	MW 90%W, 10%M	1.752
105.00	SOCWM 5%O 45%W, 50%M	1.473
60.00	FREE OIL 95%O, 5%M	0.842
0.00	760' GIP	0.000

Total Length: 310.00 ft

Total Volume: 4.067 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

