



KANSAS CORPORATION COMMISSION 1050586
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 372
Address 2: _____
City: HAYS State: KS Zip: 67601 + 0372
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: Marc Downing
Purchaser: Coffeyville Resouces

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

<u>11/16/2010</u>	<u>11/21/2010</u>	<u>11/22/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-145-21618-00-00

Spot Description: _____
N2 S2 S2 N2 Sec. 19 Twp. 20 S. R. 20 East West
2,210 Feet from North / South Line of Section
2,640 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Pawnee

Lease Name: Frantz - Saxton Unit Well #: 1-19

Field Name: Wildcat

Producing Formation: Mississippian

Elevation: Ground: 2179 Kelly Bushing: 2187

Total Depth: 4337 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1161 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: 16000 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: 02/10/2011



1050586

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Frantz - Saxton Unit Well #: 1-19
 Sec. 19 Twp. 20 S. R. 20 East West County: Pawnee

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Attached Datum Attached
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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
Surface Pipe	12.25	8.625	23	1161	Common	450	2%Gel & 3% CC
Production St	7.875	5.5	14	4330	EA 2	125	

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: <u>2.375</u> Set At: <u>4302.60</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or ENHR: <u>01/14/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls. <u>45</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>33</u>

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 checked="" 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	Frantz - Saxton Unit 1-19
Doc ID	1050586

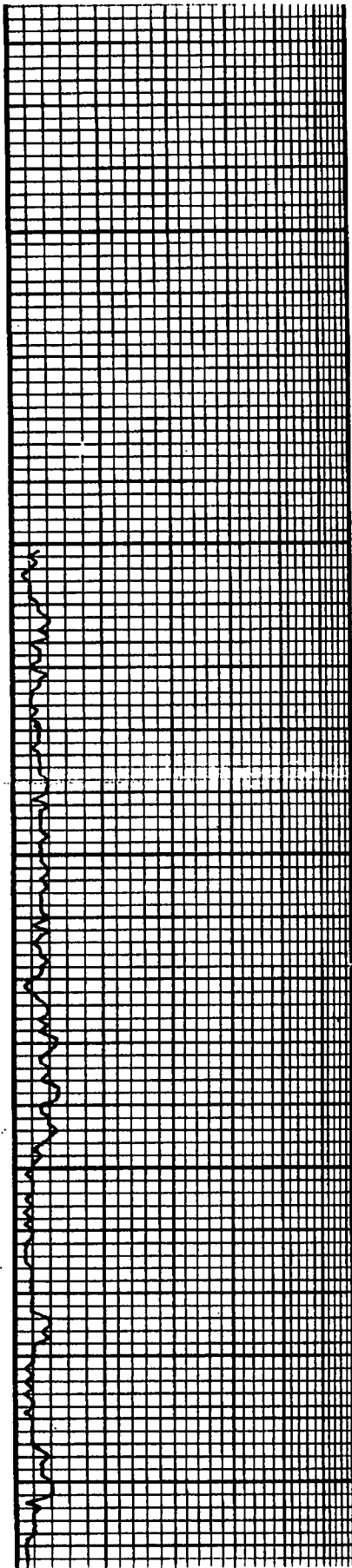
All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Porosity

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Frantz - Saxton Unit 1-19
Doc ID	1050586

Tops

Top Anhydrite	1378	+810
Base Anhydrite	1399	789
Heebner	3710	-1522
LKC	3761	-1573
BKC	4075	-1887
Ft Scott	4264	-2076
Cherokee Shale	4282	-2094
Mississippi	4329	-2141

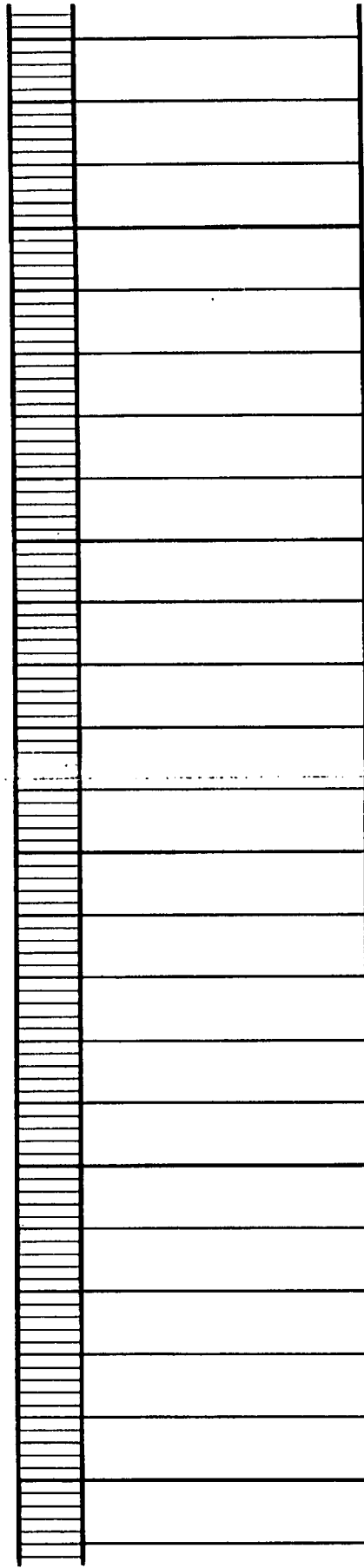


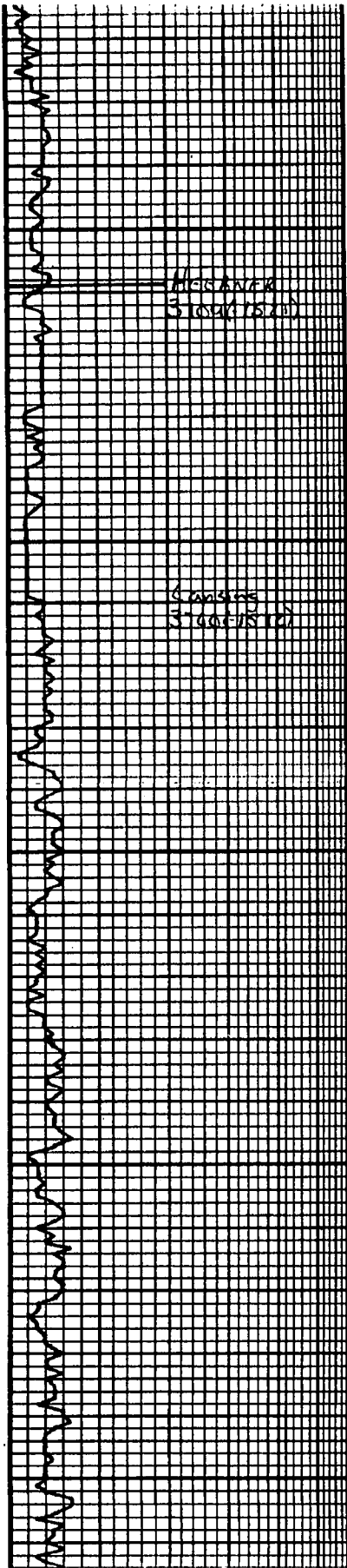
3500

50

3600

50





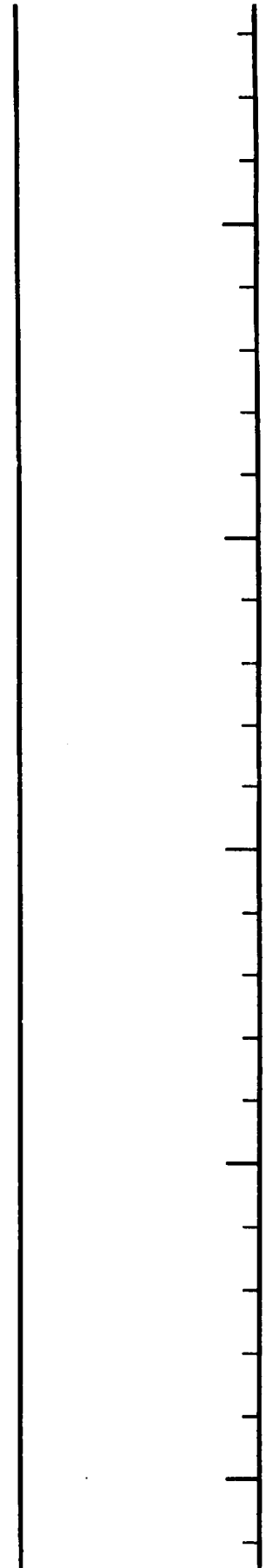
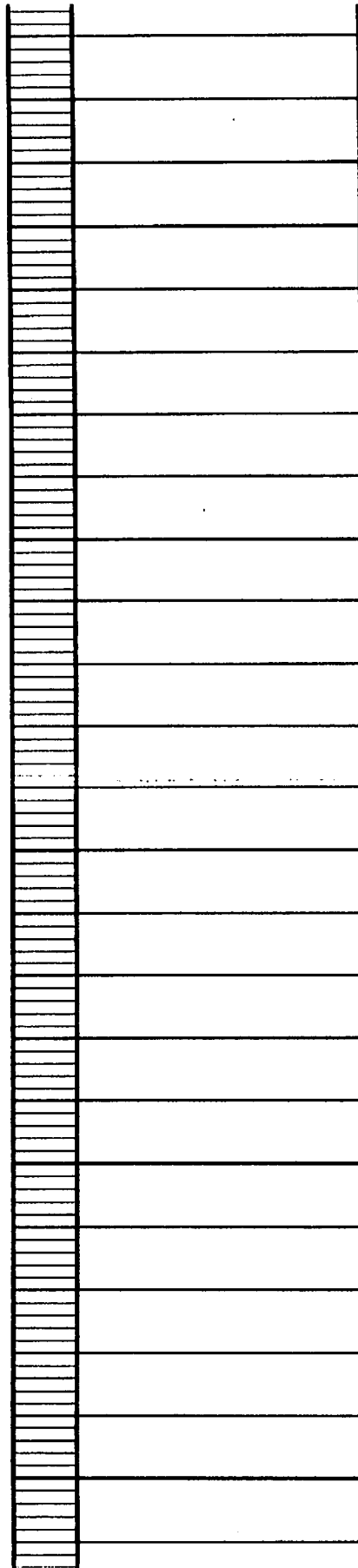
3700

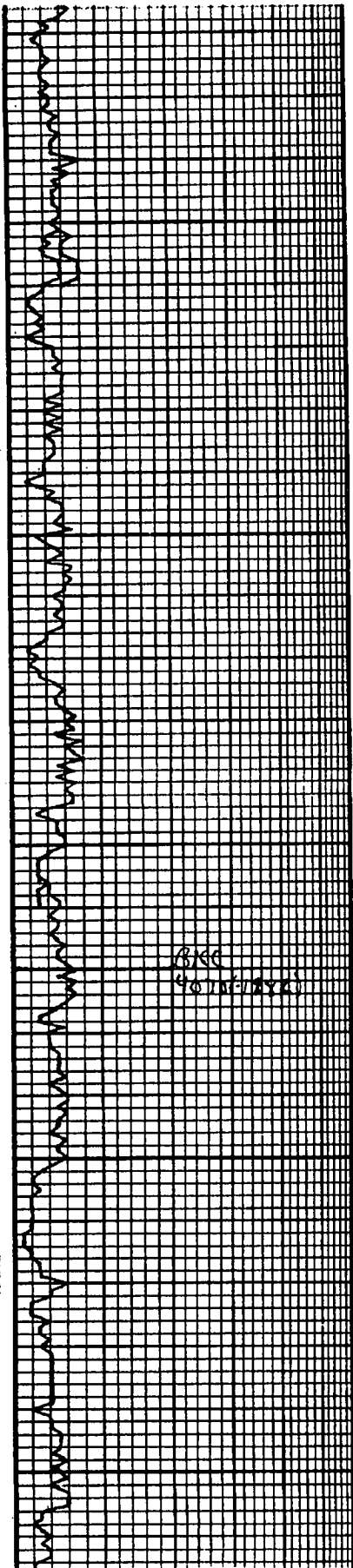
50

3800

50

3900





50

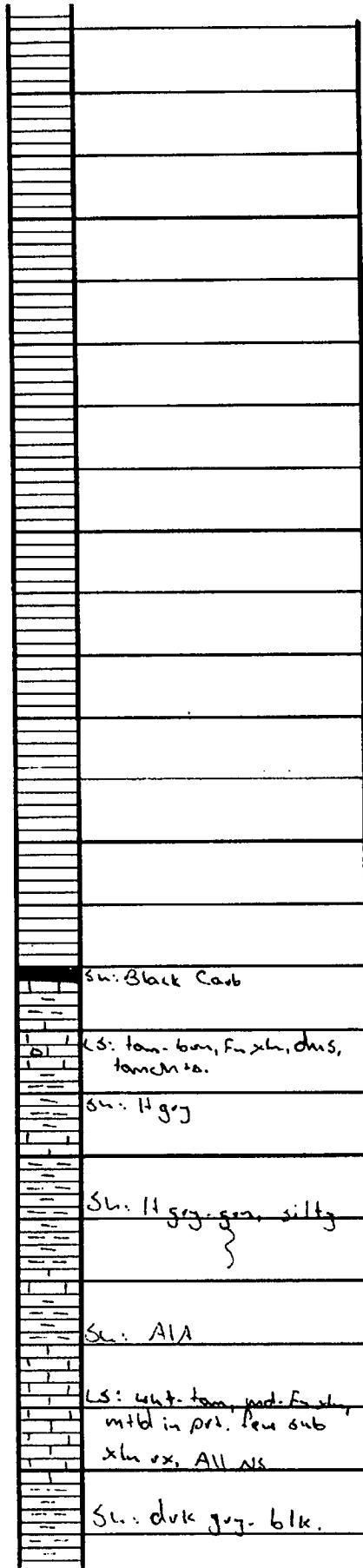
4000

50

BKC
40710-10820

4100

50



su. Black Carb

LS: tan-bun, Fin. xh, dms,
tan ch. ta.

su. H. g. g.

Sl. H. g. g. silty
}

Su. AlA

LS: wh. tan, part. Fin. xh,
mtd in prt. few sub
xh ox. All sil

Su. dk. g. g. blk.



ALLIED CEMENTING CO., LLC. 33454

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

SERVICE POINT:

Great Bend 45

DATE <u>11-17-10</u>	SEC. <u>19</u>	TWP. <u>20</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Front 2 Saxon</u>		WELL # <u>1-19</u>		LOCATION <u>Alexander 82 South To RD</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>w 1 1/2 west south 1-19</u>			

CONTRACTOR Discovery Rig 4

OWNER Downing + Nelson

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>1161</u>
CASING SIZE <u>8 1/2</u>	DEPTH <u>1161</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Bottle Plate</u>	DEPTH <u>44.49</u>
PRES. MAX <u>700</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>44.49</u>	
PERFS.	
DISPLACEMENT <u>71 BBbs</u>	

CEMENT

AMOUNT ORDERED 450 class A 3%cc 2% Gel

COMMON <u>300 450</u>	@ <u>13.50</u>	<u>6075.00</u>
POZMIX	@	
GEL <u>9</u>	@ <u>20.25</u>	<u>182.25</u>
CHLORIDE <u>14</u>	@ <u>51.50</u>	<u>824.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>450</u>	@ <u>2.25</u>	<u>1012.50</u>
MILEAGE <u>450 x 304.10</u>		<u>1350.00</u>
TOTAL		<u>9443.75</u>

REMARKS:

Pipe on Bottom Break circulation with Rig mud
Mix 450 class A 3%cc 2% Gel
Shut Down Release Plug
Displace 71 BBbs fresh water
hand plug at 700psi Shut in
Cement dial circulate
wash up Rig Down

SERVICE

DEPTH OF JOB <u>1161</u>		
PUMP TRUCK CHARGE		<u>991.00</u>
EXTRA FOOTAGE <u>861</u>	@ <u>.75</u>	<u>645.75</u>
MILEAGE <u>30</u>	@ <u>7.00</u>	<u>210.00</u>
MANIFOLD	@	
	@	
	@	
TOTAL		<u>1846.75</u>

CHARGE TO: Downing + Nelson
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Bottle Plate</u>	@ <u>67.20</u>	<u>67.20</u>
<u>Rubber Plug</u>	@ <u>102.00</u>	<u>102.00</u>
	@	
	@	

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

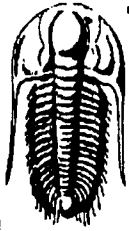
JOB LOG

SWIFT Services, Inc.

DATE 22 Nov 10 PAGE NO. 7

CUSTOMER DOWNING & NELSON WELL NO. 1-19 LEASE FRANTE-SAXTON WTT JOB TYPE 5 1/2 LONGSTRING TICKET NO. 19859

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CABING	
	1715							ON LOCATION START PIPE 5 1/2 - 14" RTD @ 4337 SET @ 4330 SHD SHD ST. 20.70 CENTRALIZERS 1,3,5,8,10,12 BASKET 2
	2030							SET PACKER SHD CIRCULATE.
	2102	6	12				300	Pump 500 gal MUD FLUSH
	2104	6	20				300	Pump 20 BBL RCL FLUSH
	2109		7/5					PLUG RA/MAH (30 SX - 20 SX)
	2113	4	30					500 MUD 125 SX EA-2 @ 15.5 GPPB
	2128							WASH OUT PUMPING LINES.
	2130							RELEASE PLUG START DISPLACEMENT
	2217		105				1500	PLUG DOWN PRESSURE UP LATCH PLUG IN
	2220							RELEASE PRESSURE - DRY.
	2222							WASH TRUCK.
	2300							JOB COMPLETE
								THANKS # 170
								JASON JEFF DAUF



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

FRANTZ-SAXTON UNIT 1-19

P.O. Box 372
Hays, KS 67601-0372

19-20s-20w-PAWNEE-KS

Job Ticket: 39475 **DST#: 1**

ATTN: Marc Dow ning 620-428-S 67601-0372

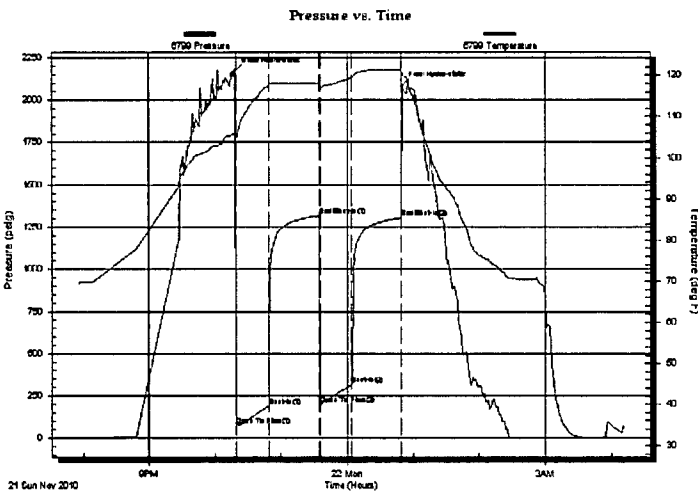
Test Start: 2010.11.21 @ 19:56:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:19:15
 Time Test Ended: 04:11:15
 Interval: **4302.00 ft (KB) To 4337.00 ft (KB) (TVD)**
 Total Depth: 4337.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Reference Elevations: 2186.00 ft (KB)
 2180.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6799 Outside
 Press@RunDepth: 315.40 psig @ 4303.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.11.21 End Date: 2010.11.22 Last Calib.: 2010.11.22
 Start Time: 19:56:05 End Time: 04:11:14 Time On Btm: 2010.11.21 @ 22:18:30
 Time Off Btm: 2010.11.22 @ 00:50:00

TEST COMMENT: IF: Strong blow , built to BOB in 6 minutes.
 IS: Bled off, blow back built to 5".
 FF: Strong blow ,BOB in 8 minutes.
 FSI: Bled off, blow back built to .75".



PRESSURE SUMMARY

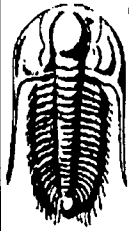
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.56	105.70	Initial Hydro-static
1	72.80	105.03	Open To Flow (1)
31	188.87	117.49	Shut-In(1)
76	1315.95	117.91	End Shut-In(1)
77	198.91	117.16	Open To Flow (2)
106	315.40	119.34	Shut-In(2)
151	1304.51	121.11	End Shut-In(2)
152	2085.02	120.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HGCMuddyOil 25%g 30%m 45%o	2.25
625.00	Clean Free Oil 100%o	8.77
0.00	240' Gas In Pipe	0.00
0.00	37 corrected gravity	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.

FRANTZ-SAXTON UNIT 1-19

P.O. Box 372
Hays, KS 67601-0372

19-20s-20w-PAWNEE-KS

Job Ticket: 39475 **DST#: 1**

ATTN: Marc Dow ning 620-428-S 67601-0372

Test Start: 2010.11.21 @ 19:56:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 57.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	HGCMuddyOil 25%g 30%m 45%o	2.252
625.00	Clean Free Oil 100%o	8.767
0.00	240' Gas In Pipe	0.000
0.00	37 corrected gravity	0.000

Total Length: 805.00 ft Total Volume: 11.019 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

