



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: _____



1050586

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	--	---

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

Name	Top	Datum
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

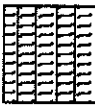
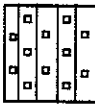
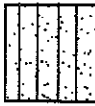

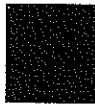

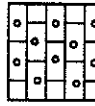
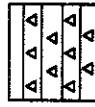
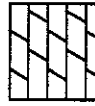
DRILL STEM TESTS							
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHI-FHI	RECOVERY

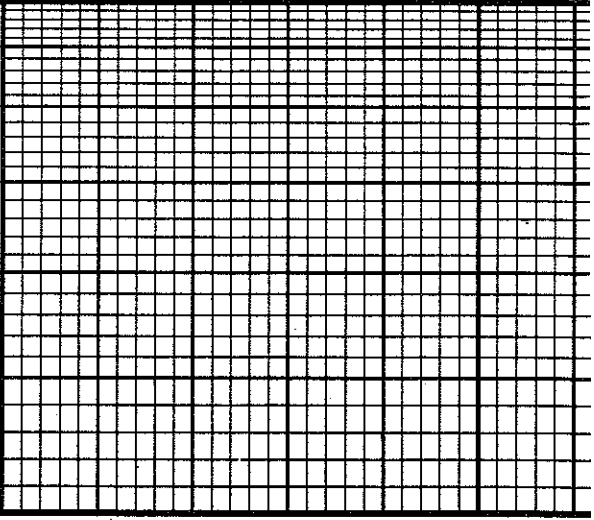

REMARKS AND RECOMMENDATIONS

Perforate EL Scott before abandonment

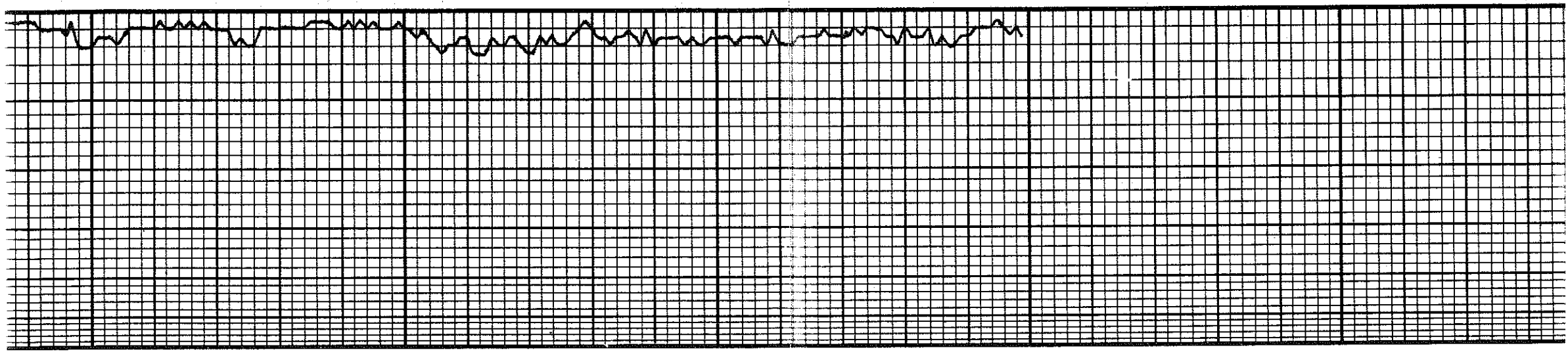
4255-58, 4270-73

LEGEND

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

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

NELSON-B



50

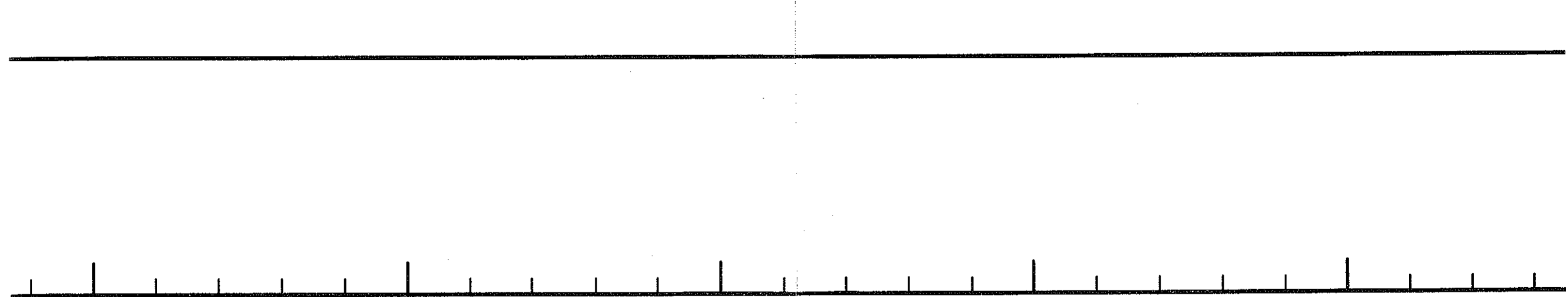
36000

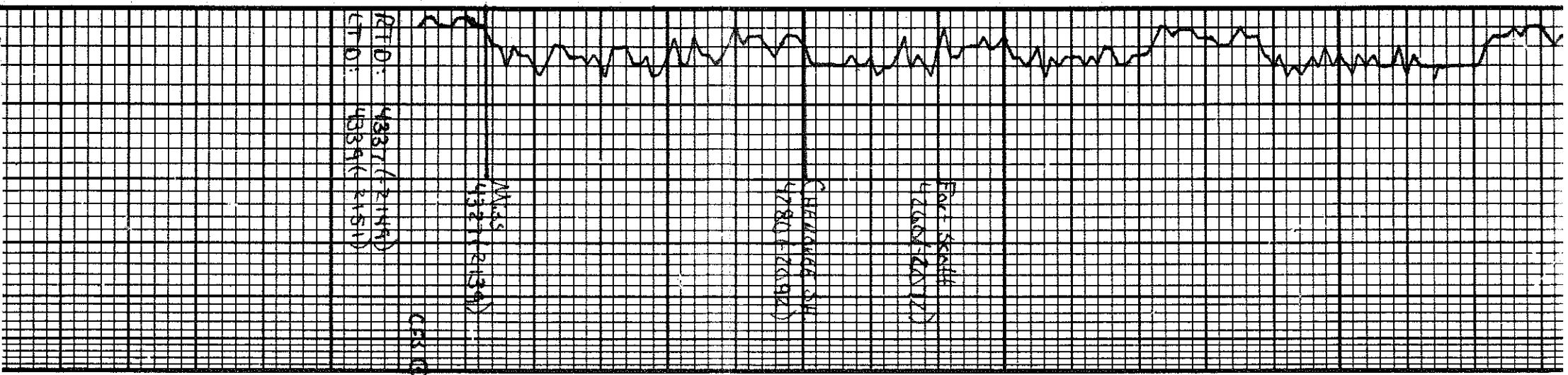
50

35000

A horizontal row of vertical bars, likely representing a timing reference or a specific lead strip. The bars are evenly spaced and of uniform height.

A series of vertical lines forming a grid for a rhythm strip. The lines are evenly spaced and extend across the width of the page.





RTD: 4337 (2144)
 LTD: 4394 (2151)

SD

4200

SD

4300

0		LS: tan, v. fine, clay, chas.
1		No vis. } St: grey w/ green + brn
2		St: Black Carb
3		LS: tan, v. fine, clay, chas.
4		LS: tan, v. fine, clay, chas. } 2-3 pcs w/ F. edge 6th, NSF, No Od.
5		St: Black Carb
6		LS: tan, v. fine, clay, chas.
7		LS: tan, v. fine, clay, chas.
8		LS: tan, v. fine, clay, chas.
9		LS: tan, v. fine, clay, chas.
10		LS: tan, v. fine, clay, chas.
11		LS: tan, v. fine, clay, chas.
12		LS: tan, v. fine, clay, chas.
13		LS: tan, v. fine, clay, chas.
14		LS: tan, v. fine, clay, chas.
15		LS: tan, v. fine, clay, chas.
16		LS: tan, v. fine, clay, chas.
17		LS: tan, v. fine, clay, chas.
18		LS: tan, v. fine, clay, chas.
19		LS: tan, v. fine, clay, chas.
20		LS: tan, v. fine, clay, chas.
21		LS: tan, v. fine, clay, chas.
22		LS: tan, v. fine, clay, chas.
23		LS: tan, v. fine, clay, chas.
24		LS: tan, v. fine, clay, chas.
25		LS: tan, v. fine, clay, chas.
26		LS: tan, v. fine, clay, chas.
27		LS: tan, v. fine, clay, chas.
28		LS: tan, v. fine, clay, chas.
29		LS: tan, v. fine, clay, chas.
30		LS: tan, v. fine, clay, chas.
31		LS: tan, v. fine, clay, chas.
32		LS: tan, v. fine, clay, chas.
33		LS: tan, v. fine, clay, chas.
34		LS: tan, v. fine, clay, chas.
35		LS: tan, v. fine, clay, chas.
36		LS: tan, v. fine, clay, chas.
37		LS: tan, v. fine, clay, chas.
38		LS: tan, v. fine, clay, chas.
39		LS: tan, v. fine, clay, chas.
40		LS: tan, v. fine, clay, chas.
41		LS: tan, v. fine, clay, chas.
42		LS: tan, v. fine, clay, chas.
43		LS: tan, v. fine, clay, chas.
44		LS: tan, v. fine, clay, chas.
45		LS: tan, v. fine, clay, chas.
46		LS: tan, v. fine, clay, chas.
47		LS: tan, v. fine, clay, chas.
48		LS: tan, v. fine, clay, chas.
49		LS: tan, v. fine, clay, chas.
50		LS: tan, v. fine, clay, chas.
51		LS: tan, v. fine, clay, chas.
52		LS: tan, v. fine, clay, chas.
53		LS: tan, v. fine, clay, chas.
54		LS: tan, v. fine, clay, chas.
55		LS: tan, v. fine, clay, chas.
56		LS: tan, v. fine, clay, chas.
57		LS: tan, v. fine, clay, chas.
58		LS: tan, v. fine, clay, chas.
59		LS: tan, v. fine, clay, chas.
60		LS: tan, v. fine, clay, chas.
61		LS: tan, v. fine, clay, chas.
62		LS: tan, v. fine, clay, chas.
63		LS: tan, v. fine, clay, chas.
64		LS: tan, v. fine, clay, chas.
65		LS: tan, v. fine, clay, chas.
66		LS: tan, v. fine, clay, chas.
67		LS: tan, v. fine, clay, chas.
68		LS: tan, v. fine, clay, chas.
69		LS: tan, v. fine, clay, chas.
70		LS: tan, v. fine, clay, chas.
71		LS: tan, v. fine, clay, chas.
72		LS: tan, v. fine, clay, chas.
73		LS: tan, v. fine, clay, chas.
74		LS: tan, v. fine, clay, chas.
75		LS: tan, v. fine, clay, chas.
76		LS: tan, v. fine, clay, chas.
77		LS: tan, v. fine, clay, chas.
78		LS: tan, v. fine, clay, chas.
79		LS: tan, v. fine, clay, chas.
80		LS: tan, v. fine, clay, chas.
81		LS: tan, v. fine, clay, chas.
82		LS: tan, v. fine, clay, chas.
83		LS: tan, v. fine, clay, chas.
84		LS: tan, v. fine, clay, chas.
85		LS: tan, v. fine, clay, chas.
86		LS: tan, v. fine, clay, chas.
87		LS: tan, v. fine, clay, chas.
88		LS: tan, v. fine, clay, chas.
89		LS: tan, v. fine, clay, chas.
90		LS: tan, v. fine, clay, chas.
91		LS: tan, v. fine, clay, chas.
92		LS: tan, v. fine, clay, chas.
93		LS: tan, v. fine, clay, chas.
94		LS: tan, v. fine, clay, chas.
95		LS: tan, v. fine, clay, chas.
96		LS: tan, v. fine, clay, chas.
97		LS: tan, v. fine, clay, chas.
98		LS: tan, v. fine, clay, chas.
99		LS: tan, v. fine, clay, chas.
100		LS: tan, v. fine, clay, chas.

Albanian

LS: tan, v. fine, clay, chas.
 few. gd. brn 6th, soft sfo, in
 gd. boxes, few ungs. gd. od. w/
 bright fluor.

St: grey-brn w/ scat org
 chntz, tang gel w/ depth

LS: tan, v. fine, clay, chas.
 2-3 pcs w/ F. edge 6th,
 NSF, No Od.

St: Black Carb

LS: tan, v. fine, clay, chas.

LS: tan, v. fine, clay, chas.
 2-3 pcs w/ F. edge 6th,
 NSF, No Od.

St: ALA Black Carb

LS: tan, v. fine, clay, chas.
 No vis.

St: Black Carb

LS: tan, v. fine, clay, chas.
 8+2 inclusions, No
 vis, v. chas.

St: ALA w/ tan LS
 strings

LS

Vis: 57 wt: 92

OST #1

4302-4337

30' 45" 30.45

I.F. 1008 6 min. 6" sIB

F.F. 1008 8 min. 34" sIB

I.F.P. 73-189

F.F.P. 199-315

S.I.P. 1316-1805

H.P. 2173-2085

Rec:

240' GIP

180' HGC NO 25% 45%

625' CA

BHT: 121 G: 37

ALLIED CEMENTING CO., LLC. 33454

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend KS

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>	
Front 2		WELL # <u>1-19</u>		LOCATION <u>Alexander B2 south To RD</u>		COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
LEASE <u>Sutton</u>			LOCATION <u>w 1/2 west south 1-19</u>					
OLD OR <input checked="" type="radio"/> NEW (Circle one)								

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 3/4</u>	DEPTH <u>1161</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Baffle Plate</u>	DEPTH <u>44.49</u>
PRES. MAX <u>700</u>	MINIMUM
MEAS. LINE	SHOE JOINT

CEMENT

AMOUNT ORDERED 450 class A 3% cc
2% Gel

CEMENT LEFT IN CSG. 44.49
PERFS.
DISPLACEMENT 71 BBHs

COMMON	<u>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>16</u>	@ <u>51.50</u>	<u>824.00</u>
ASC		@	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>wayne-D</u>
# <u>366</u>	HELPER <u>C-J</u>
BULK TRUCK	
# <u>344-170</u>	DRIVER <u>Jim-R</u>
BULK TRUCK	
#	DRIVER

HANDLING <u>450</u>	@ <u>2.25</u>	<u>1012.50</u>
MILEAGE <u>450 x 30 x .10</u>		<u>1350.00</u>
TOTAL		<u>9.443.75</u>

REMARKS:

Pipe on Bottom Break Circulation
with Rig mud
Mix 450 class A 3% cc 2% Gel
Shut Down Release Plug
Displace 71 BBHs fresh water
band plug at 700 ps, Shut in
Cement did 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	@	

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

TOTAL 1846.75

PLUG & FLOAT EQUIPMENT

<u>Baffle 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. 1
TICKET NO. 19859

CUSTOMER DOWNING & NELSON

WELL NO. 1-19

LEASE FRANTZ-SAXTON UNIT

JOB TYPE 5 1/2 LONGSTRING

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1715							ON LOCATION START PIPE 5 1/2-14" RTD @ 4337 SET @ 4330 SHOE ST. 20.70 CENTRALIZERS 1,3,5,8,10,12 BASKET 2
	2030							SET PACKER SHOE CIRCULATE.
	2102	6	12		✓		300	Pump 500 gal MUD FLUSH
	2104	6	20		✓		300	Pump 20 BBL RCL FLUSH
	2109		7/5					PLUG RA/MH (30 SX-20 SX)
	2113	4	30		✓		300	MIX 125 SX EA-2 @ 15.5 PPB
	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 # 110
								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

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4302.00 ft (KB) To 4337.00 ft (KB) (TVD)

Reference Elevations: 2186.00 ft (KB)

Total Depth: 4337.00 ft (KB) (TVD)

2180.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 6799 Outside

Press @ Run Depth: 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

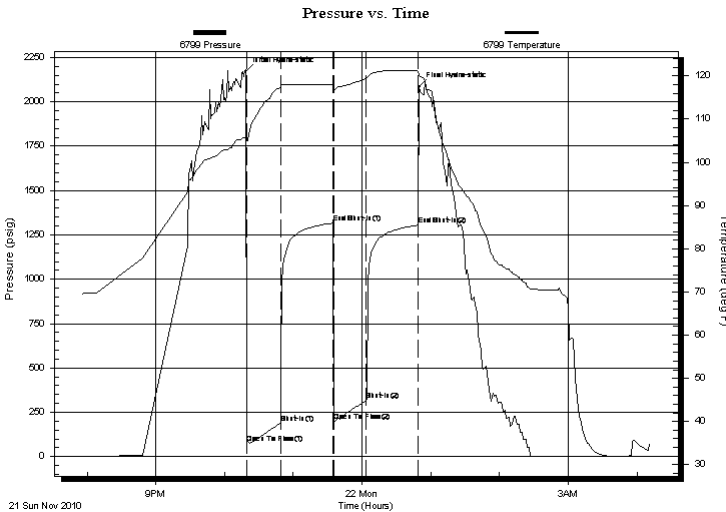
TEST COMMENT: IF: Strong blow , built to BOB in 6 minutes.

IS: Bled off, blow back built to 5".

FF: Strong blow ,BOB in 8 minutes.

FS: 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	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	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 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

