



KANSAS CORPORATION COMMISSION 1085074  
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: Ron Nelson  
Purchaser: Coffeyville

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>05/31/2012</u>	<u>06/04/2012</u>	<u>06/05/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26321-00-00

Spot Description: \_\_\_\_\_

E2 W2 SW NW Sec. 2 Twp. 13 S. R. 17  East  West  
1980 Feet from  North /  South Line of Section  
335 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ellis

Lease Name: Cyril Schmeidler Well #: 1-2

Field Name: Catharine

Producing Formation: Arbuckle

Elevation: Ground: 2049 Kelly Bushing: 2057

Total Depth: 3672 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 222 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1213 Feet

If Alternate II completion, cement circulated from: 1213

feet depth to: 0 w/ 130 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 19000 ppm Fluid volume: 400 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: 09/10/2012



1085074

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Cyril Schmeidler Well #: 1-2  
 Sec. 2 Twp. 13 S. R. 17  East  West County: Ellis

**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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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:  Dual Induction Density/Neutron Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached 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	222	Common	150	2% Gel & 3% CC
Production String	7.875	5.5	14	3667.56	EA/2	130	

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 (Amount and Kind of Material Used)	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3565.87</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/26/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Cyril Schmeidler 1-2
Doc ID	1085074

Tops

Name	Top	Datum
Top Anhydrite	1226'	+831
Base Anhydrite	1266'	+791
Topeka	3018'	-961
Heebner	3262'	-1205
Toronto	3281'	-1224
LKC	3310'	-1253
BKC	3546'	-1489
Arbuckle	3574'	-1517

Form	ACO1 - Well Completion
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Doc ID	1085074

Perforations

Shots Per Foot	Perforation Range	Material Record	Depth
4	3586' - 3588'	100 gallons 15% Mud Acid	3586' - 3588'
4	3579' - 3582'	100 gallons 15% Mud Acid	3579' - 3582'
4	3446' - 3388'	250 gallons 15% Mud Acid	3446' - 3388'
4	3384' - 3388'	250 gallons 15% Mud Acid	3384' - 3388'
4	3354' - 3359' & 3364' - 3366'	250 gallons 15% Mud Acid	3354' - 3359' & 3364' - 3366'
4	3310' - 3314'	1500 gallons 15% NE Acid	3354' - 3359' & 3364' - 3366'
		250 gallons 15% Mud Acid	3310' - 3314'

# QUALITY OILWELL CEMENTING, INC.

No. 673

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-31-12	2	13	17	Ellis	KS		6:00pm
Lease	Well No.			Location			
CYRI Schmader	1-2			Cecil Rd 1/2 N Einto			

Contractor	Owner
D. Slone / #4	To Quality Oilwell Cementing, Inc.
Type Job	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Surface	
Hole Size	T.D.
12 1/4	222
Csg.	Depth
8 5/8	222
Tbg. Size	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
15	
Meas Line	Displace
	13BC

EQUIPMENT		Charge To	
Pumptrk	No.	Cement	Downing / Nelson
15		Helper	
Bulktrk	No.	Driver	
		Driver	
Bulktrk	No.	Driver	
14		Driver	

JOB SERVICES & REMARKS		Common	
Remarks:		150	
Rat Hole		Poz. Mix	
Mouse Hole		Gel	3
Centralizers		Calcium	5
Baskets		Hulls	
D/V or Port Collar		Salt	
8 5/8 on bottom. Est. Circulation.		Flowseal	
Mix 150SK Displace		Kol-Seal	
Cement Circulated		Mud CLR 48	
		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	158
		Mileage	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Quality Oilwell  
Cementing

Pumptrk Charge	Surface
Mileage	12 (25 min)
Signature	
	Tax
	Discount
	Total Charge

**JOB LOG**

**SWIFT Services, Inc.**

DATE 06-05-12 PAGE NO. 1

CUSTOMER William Mason WELL NO. 1-2 LEASE CYRILSCHMEIDER JOB TYPE 2-STAGE TICKET NO. 21380

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							ONLOCATION
								CMT: SYSTEM 150 Sgs EA-2
								TOP 175 Sgs SMD
								R/O 3672, SET PIPE 3670, ST 40.5 3625
								5 1/4" / 1", D.O. on top # 60, 121357
								CMT 1, 3, 5, 7, 9, 11, 58 JERRY 60
								JOINTS OUT 59, 70
	0800							START CSM FE
	0930							TAL SYSTEM - ON PUMP
	0935							BREAK CMT & ROTATE PIPE
	1115	5.0	12	-	-	250		SPOCARS MUD FLUSH
			20	-	-			DD DUBS HEL FLUSH
	1125		36.5	-	-			150 D Sgs EA-2
								DRO PWD PUNG, W/OUT PL
	1130	6.0	0	-	-	200		START DISP.
			70	-	-	400		" W/HEL FLUSH
			80	-	-	600		
			85	-	-	700		
	1145	4.7	88.4	-	-	1400		LAND PUNG - RELEASE DRY
	1150							DROP DV OPENING DRY
	1155							PUNG RH30, MH45
	1200			-	-	1100		OPEN DV.
	1200	6.5	0	-	-	200		START 130 Sgs SMD
	1200	5	75	-	-	5		END
								DROP DV. CLOSING PUNG
	1210	6.0	0	-	-	200		START DISP.
			18	-	-	475		CIRC CMT TO PIT!!
			25	-	-	475		
	1215		29.5	-	-	1400		LAND & CLOSE DV
	1245							JOB COMPLETE
								THANK YOU!
								DAVE JENSEN, DOUG



### DRILL STEM TESTS

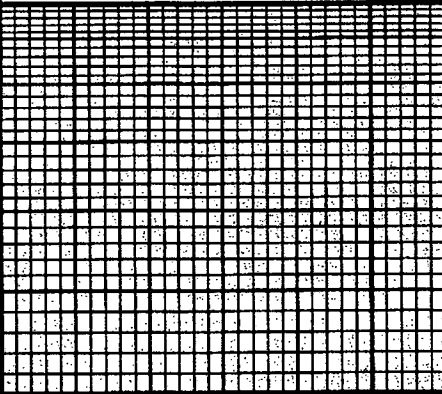

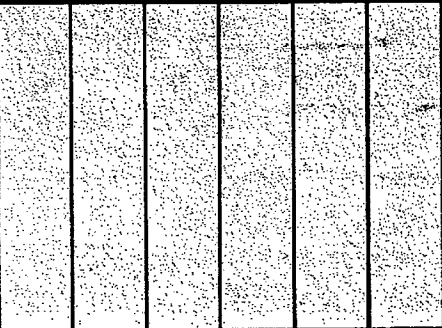

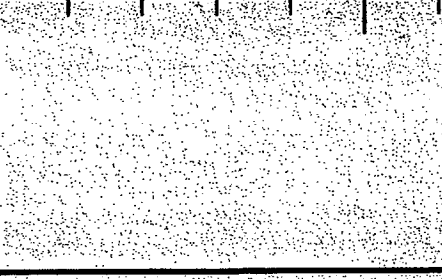
No.	Interval	FP/Time	ISP/Time	FP/Time	FSP/Time	HH-FHH	RECOVERY

REMARKS AND RECOMMENDATIONS *Reel 5th - PRODUCTION PIPE FOR ARBUCKLE BLC, 3 FEET  
LKC WATERFLOO*

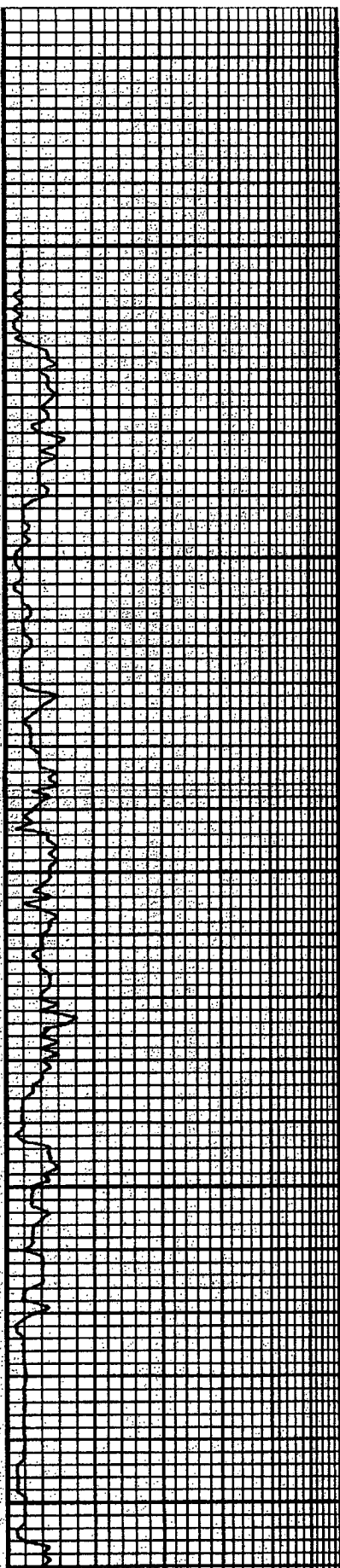
*Ron Nelson*

### LEGEND

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

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





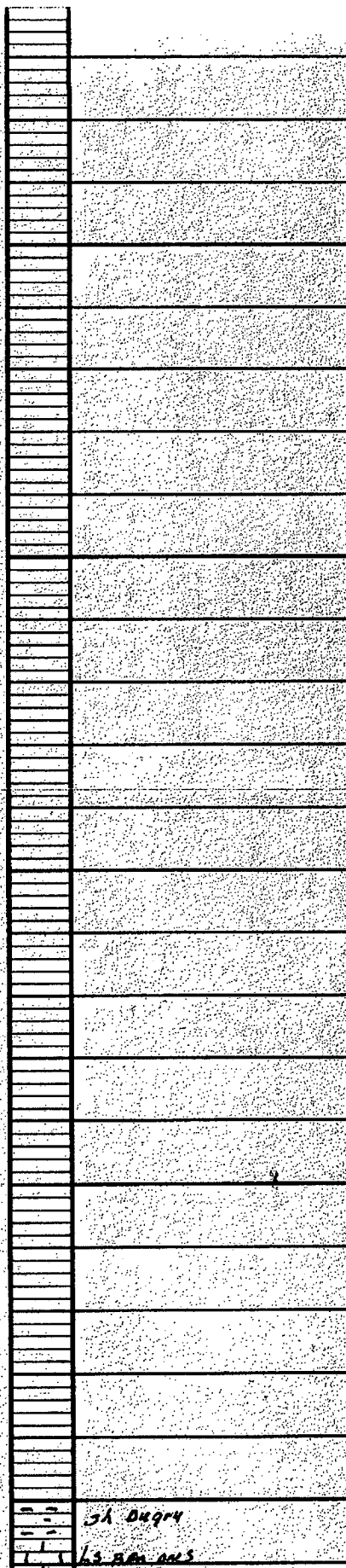
2900

50

2900

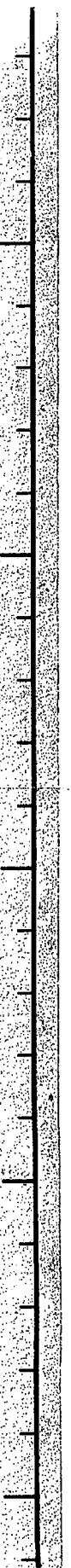
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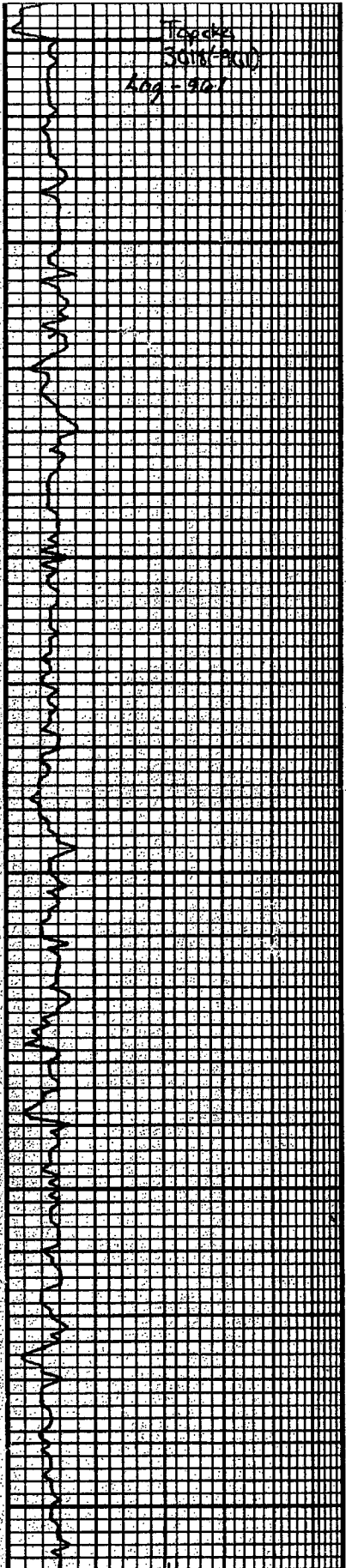
3000



JA Dugry

63 500 005





Flocks  
3018-2010  
Log - 910

50

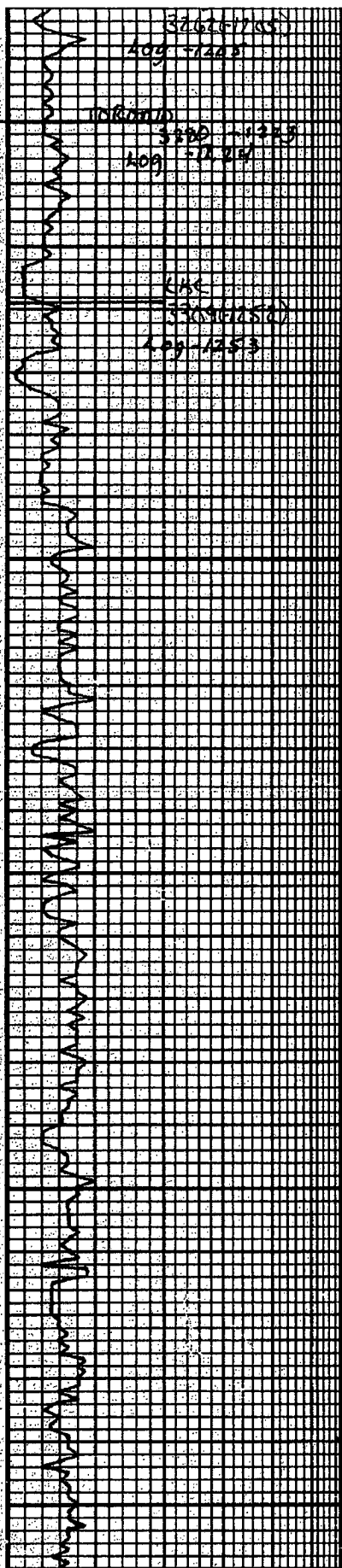
3100

50

3200

50

Shaly
Ls wh. thin mst thin with xyl/ DUS prp NS.
Ls. sh
two pcs ch 3. sm ben - grey sh slaps DUS grey - thin xyl BARRENES
w/ grey sh
Ls thin mst suc xyl/ sm th 10/10 NS.
DUS grey - Ben. lg. NS
Ls. DUS w/ pr of 3 chd
DUS mop DUS grey & thin xyl/ as w/ thin B streaks but NS. thin chd
sh. max carb
sh. ben. grey
chky thin Ls w/ sm sh
mottly. mod. DUS thin Ls w/ sh. sh
L. DUS grey Ls. NS
B. pr - grey sh DUS thin xyl/ Ls
sh. DUS carb
shaly
mod. DUS grey - thin prp NS
sh grey sh
Ls ben & less. vug. gel. vug & less. sh. mod. Ben DUS sh
Ls. thin - ben no xyl/ NS.
DUS wh. thin BARREN Ls



3300

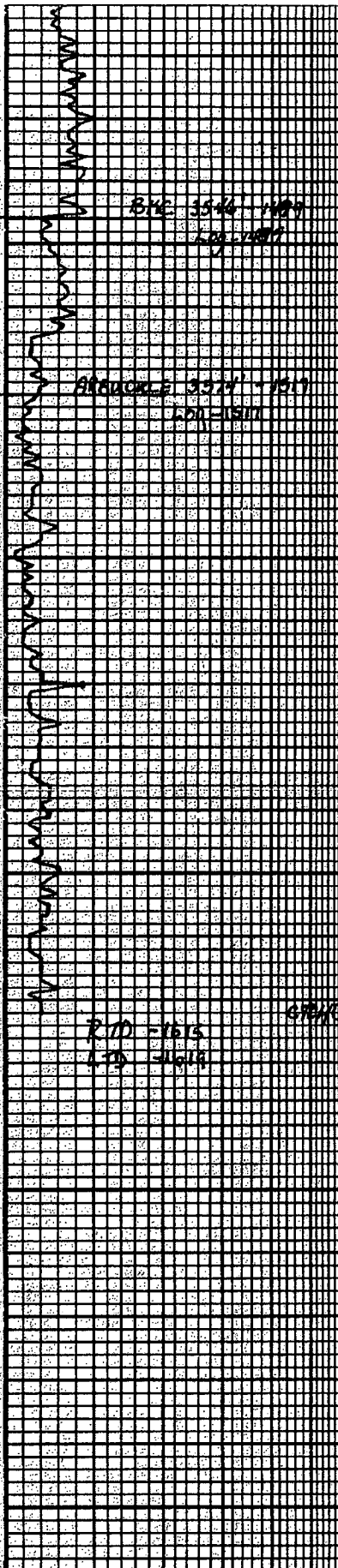
50

3400

50

3500

3762-7100	3h blk carb
409-1243	dns - trns
1080000	sh gry brn
3200-1245	ls wh fr w/ls on w/sold
409-1244	ppr. 5th. 510d
	long barren light
KAC	3h gry BAN
3200-1250	dk gry
409-1253	ls wh fr w/ls on fr well
	5th. 5th. 510d
	fr w/sold on fr
	sh gry
	seth. ls. 5th. w/spt brn sm
	5th. 510d
	sh gry
	ls 1-2 pcs. trns w/sold fr ppr
	5th. 510d mat light drs
	sh gry
	ls w/spt fr 5th. fr w/ls. 5th. 510d
	5th. 510d
	dns BAN - trns
	fr pas loss 15 mm w/sold
	5th. 510d
	sh blk. BAN
	ls fr w/loss fr in foot. p. 5th
	5th. 510d. fr. 5th. 510d
	5th. 510d BAN
	gry. 5th
	ls. 5th. 510d. w/spt. 9.56
	5th. 510d. 5th. 510d
	gry. 5th
	mostly dns w/ barren ls
	fr. 5th. 510d
	v. dns w/ gry. 5th. 510d
	w/ls
	gry. 5th
	ls 1-2 pcs. 5th. 510d. in light
	5th. 510d. 5th. 510d. fr. 5th. 510d.
	dns w/ microp. 5th
	gry. 5th
	ls. fr. pas. 5th. 510d. w/spt. 9.56
	5th. 510d. 5th. 510d. mat.
	light barren
	gry. 5th
	ls. 5th. 510d. w/ls. fr. 5th. 510d.
	fr. 5th. 510d. w/ls. fr. 5th. 510d.
	light w/ - gry. barren
	blk. carb



BUE 3546 - 1989  
 1/12/1991

50

BUE 3574 - 1989  
 1/12/1991

3600

RID - 1615  
 1-25-2014

6740

1989  
 cherry br. barnacles  
 DNS w/ 1/2 LS NS  
 gray sh  
 DNS Qty micropores NS  
 w/whk sh  
 sh gray brn  
 DNS 2mm - wh. ls. fr. xylem  
 NS w/ 1/2 pores  
 sh gray. gen. yk  
 Dico ras. fr. mo suc. sh fr  
 oo fr. xylem 3-6 sm holes  
 spot sat sat in holes  
 w/ 1/2 pores gray sh  
 Dico ras. mo suc. sm diam  
 xylem fr. xylem fr. sh. glad  
 fr. ably gd. sh. sm. strong  
 sm tight. 4 sm  
 Dico ras. ch. mo suc. sh  
 95% strong oo gd sat brn  
 sh  
 xylem sat. pea mo diam  
 xylem gd. fr. xylem. sm w/ 1/2  
 diam sat. spot sh. gd ob  
 sm tight. w/ pr sh  
 Dico ras. wh mo phron  
 xylem fr. gd. xylem. sm diam  
 fr. tight. mod. st. less oo  
 least sat  
 MSTY Barrow wh. ras. sh  
 ch. mo suc. sh. sm diam  
 pr p  
 ras. oo  
 Ras. Helen

2

2

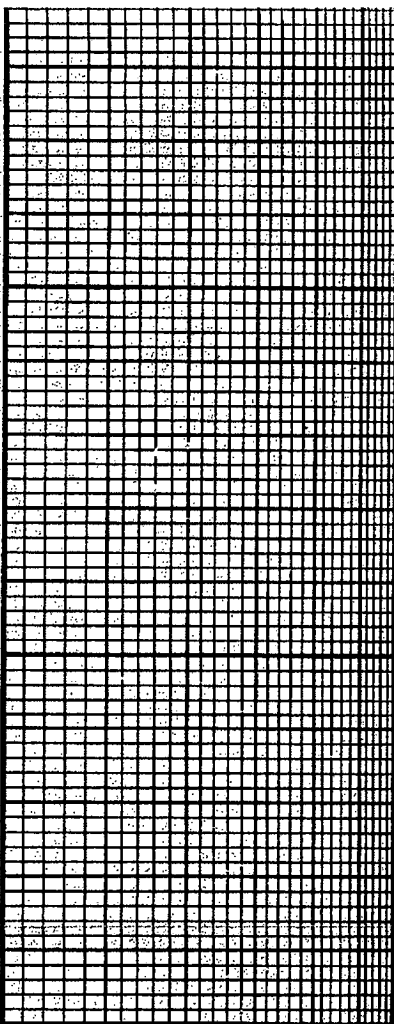
2

2

2

2

2



5" 10" 15" 20" 25"  
DRILLING TIME Minutes/Foot  
Rate of Penetration Decreases

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

WELL SHOWS

REMARKS

OPERATOR Downing - Nelson Oil Co. Inc.  
LEASE Cape Schreiner #1-2 IP AB-LK  
ELEVATION 2057' KB RTD 3177'

LOCATION 1980' ENL 235' ENL  
SEC 2 TWP 13S RNG 17W  
COUNTY Ellis STATE Kansas