



KANSAS CORPORATION COMMISSION 1071953
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 Resources

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 #: _____
01/07/2012 01/11/2012 01/12/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-051-26254-00-00
Spot Description: _____
SW NE NW SE Sec. 3 Twp. 13 S. R. 17 East West
335 Feet from North / South Line of Section
1900 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Schmidt 'B' Well #: 9
Field Name: _____
Producing Formation: Arbuckle
Elevation: Ground: 2044 Kelly Bushing: 2052
Total Depth: 3672 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 221 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1202 Feet
If Alternate II completion, cement circulated from: 1202
feet depth to: 0 w/ 105 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 17000 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: Doanna Gantoni Date: 02/13/2012



1071953

Operator Name: Downing-Nelson Oil Co Inc Lease Name: Schmidt 'B' Well #: 9
 Sec. 3 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 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: Micro Dual Induction Compensated Density/Neutron	<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	8.0625	23	221.14	Common	150	2% Gel & 3% CC
Production Casing	7.875	5.5	14	3670	EA/2	150	

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>3588.92</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR: <u>01/31/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>0</u>	Water Bbls. <u>30</u>	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 checked="" 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: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Schmidt 'B' 9
Doc ID	1071953

Tops

Top Anhydrite	1232'	+820
Base Anhydrite	1270'	+782
Topeka	3020'	-968
Heebner	3263'	-1211
Toronto	3282'	-1230
LKC	3309'	-1257
BKC	3542'	-1490
Arbuckle	3572'	-1520

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Perforations

4	3572' to 3576'	100 gallons 15% Mud Acid	3572' to 3576'
4	3488' to 3490'	250 gallons 15% Mud Acid	3488' to 3490' & 3469' to 3471' & 3473' to 3475'
4	3469' to 3471' & 3473' to 3475'	250 gallons 15% Mud Acid	3441' to 3445'
4	3441' to 3445'	250 gallons 15% Mud Acid	3380' to 3384'
4	3380' to 3384'	250 gallons 15% Mud Acid	3336' to 3340'
4	3336' to 3340		

JOB LOG

SWIFT Services, Inc.

DATE 1-11-12 PAGE NO. 1
 TICKET NO. 31237

CUSTOMER Downing/Nelson WELL NO. #9 LEASE Schwartz 'B' JOB TYPE Cement Test Stage

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							14 #4 5 1/2
	2315							D 3672' location - R ₃ LD DP / R ₃ Start 5 1/2" 14 #/ft casing to 3670' Insert 7/8" Shave L / Auto R ₁ D.V. LD B.C. 1% - S.T. - 19' = 3651 (89 BBL) Cont - 1-3-5-7-9-11-58 BSH #59 D.V. #59 collar @ 1202' = (29 1/4 BBL) Drop R ₁ up ball 1000s out Fin run casing Start C ₁ / Rotate Fin C ₁ - Hook up for 1st stage Pump 500 gal Hard Flush Pump 20 BBL KCL Flush Start 150 SKS EAT-2 Fin cont - Wash out Pump throat Drop D.V. LD Plug - Start Displ Last 14 BBL KCL Flush Plug Down - Hold - Release / Hold Drop D.V. opening tool Plug R ₁ - 30 SKS M.H. 15 SKS SMD Hook up for 2nd stage Open D.V. with KCL Flush Start 100 SKS SMD @ 11.2 #/gal Fin cont - Drop D.V. casing Plug Start Displ Plug Down - D.V. closed - Hold 50 SKS cont C ₁ to R ₁ Job Complete Wash up & Pack up
1/12	0100							
	0115							
	0200							
		5	12					300
		6	20					350
		4 1/2						300
		4 1/2	36					
			75					
	0230		89					500 / 100
	0235		9					
			5					
	0300	6	0					1250 / 400
		5						
			65					
		5						300
	0330		29					50 / 100
	0415							

Frank
 Don, Brian
 & Brandon

ALLIED CEMENTING CO., LLC. 042389

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

SERVICE POINT: Grand Junction, KS

DATE <u>1-7-12</u>	SEC. <u>3</u>	TWP. <u>13</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 pm</u>	JOB FINISH <u>6:30 pm</u>
LEASE <u>Schmidt B</u>	WELL.# <u>9</u>	LOCATION <u>Catherine, 1/2 east to Cadell</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>RE, 2 north, 1/2 west south side</u>							

CONTRACTOR <u>Discovery Rig #3</u>	OWNER <u>Dowling - Nelson</u>
TYPE OF JOB <u>Surf-see</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>222</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>221</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSO. <u>15 FT</u>	
PERFS.	
DISPLACEMENT	

CEMENT	AMOUNT ORDERED	UNIT	PRICE	TOTAL
COMMON	<u>150</u>	@	<u>16.25</u>	<u>2,437.50</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>158 x 20 x .11</u>			<u>347.60</u>
				TOTAL <u>3,495.35</u>

REMARKS:

Pipe in bottom, break circulation with Rig pump. Hook up, mix 150 sks Class A + 100 cc 2 1/4 gel. Displace with 17.12 bbl. fresh water. Shut in cement and circulate. Plug down @ 6:30 pm. Rig down.

SERVICE

DEPTH OF JOB	<u>221</u>		
PUMP TRUCK CHARGE		@	<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE <u>Hwy 40</u>	<u>40</u>	@	<u>7.00</u>
MANIFOLD <u>Hwy 40</u>	<u>40</u>	@	<u>4.00</u>
TOTAL <u>1546.00</u>			

CHARGE TO: Dowling - Nelson
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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 GAVEN PASCHER
SIGNATURE John Dowling

SALES TAX (If Any)	<u>35</u>
TOTAL CHARGES	<u>5060.35</u>
DISCOUNT	<u>508.20 @ 1248.35</u>
	<u>3,812.00</u>

IF PAID IN 30 DAYS

DRILL STEM TESTS

No.	Interval	SP/Time	GP/Time	FP/Time	RP/Time	SB/Time	REMARKS

EXPOSED AND RECONSTRUCTED **Refractive Anhydrite 3572-76 LKC 7 3428-96**

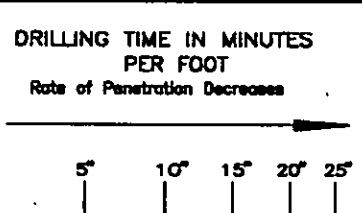
I 3460-71 & 3473-75 H 3441-45 F 3329-32

C 3336-40

Ken Nelson

LEGEND

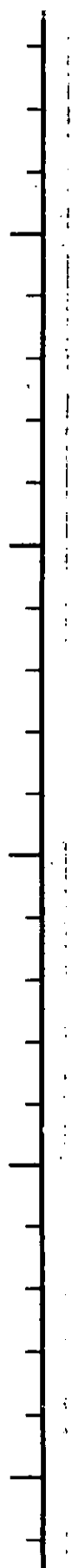
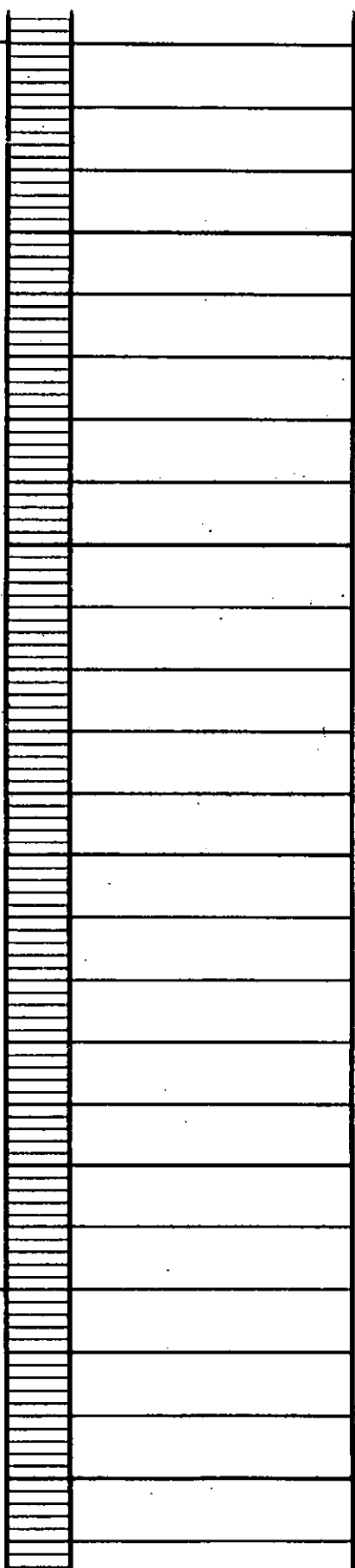
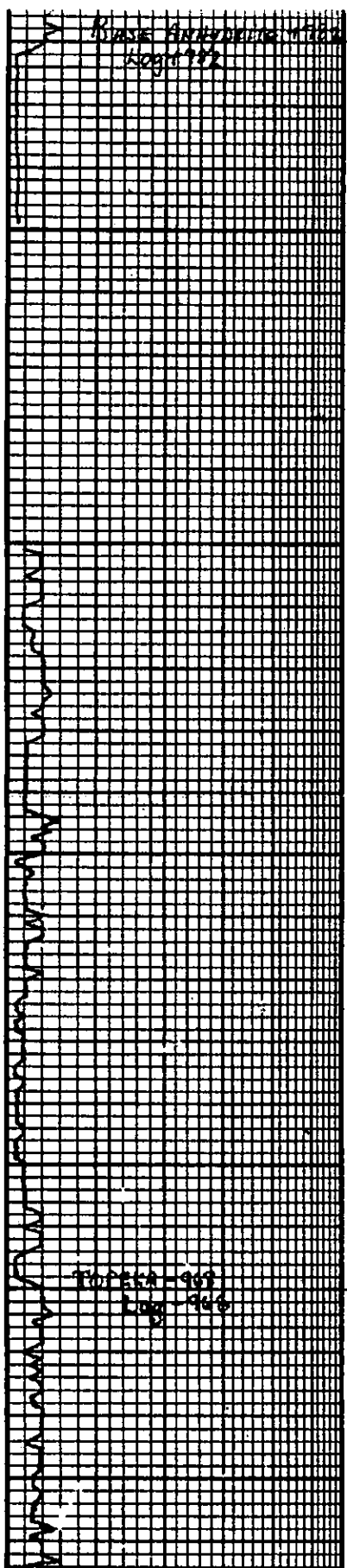
								
Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool. Lime	Chert	Dolomite

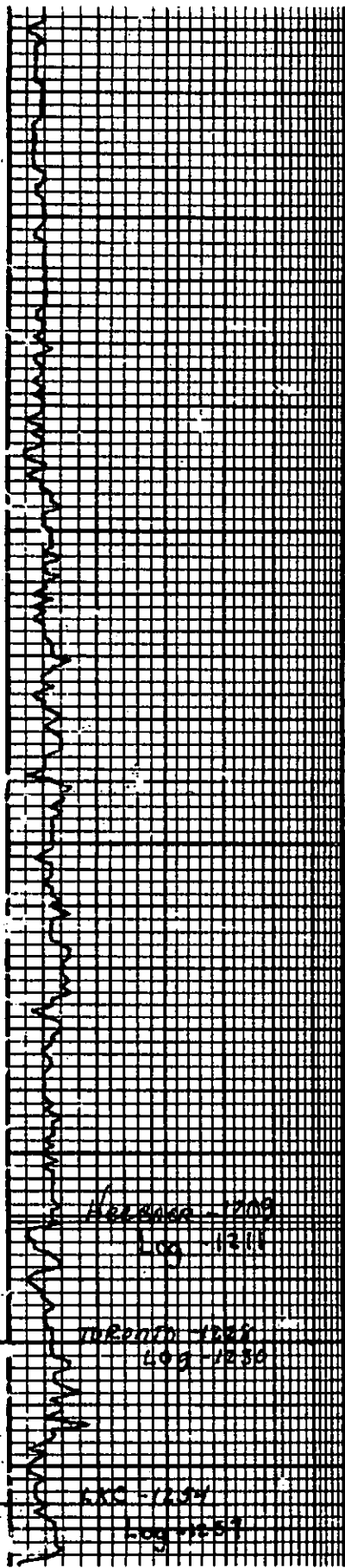


NEL501-8

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1200				
50				

DRILLING TIME 1200
50





3100

50

3200

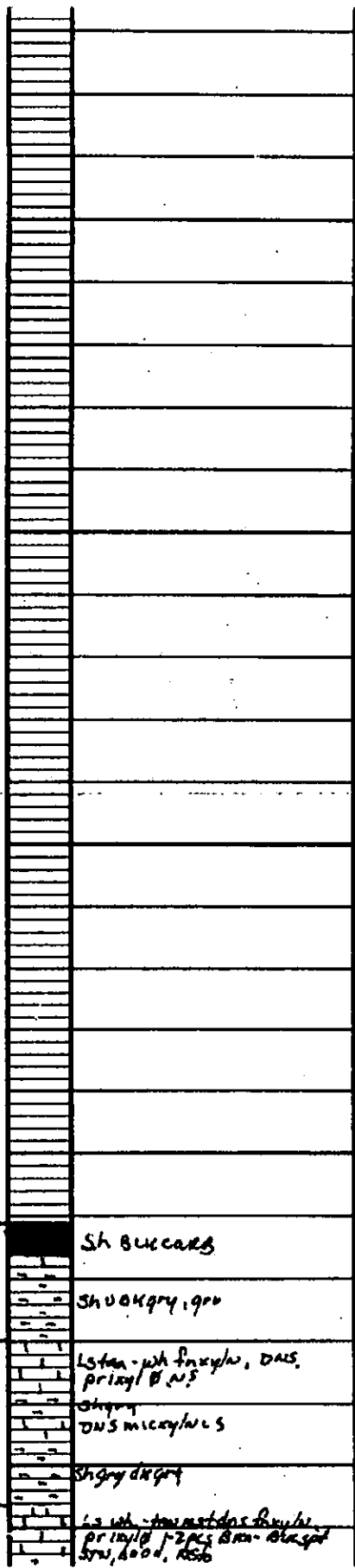
50

3300

Helenas 1200
Log 11200

Mentch 1200
Log 1030

LXC-1254
Log 10254



Sh Buccard

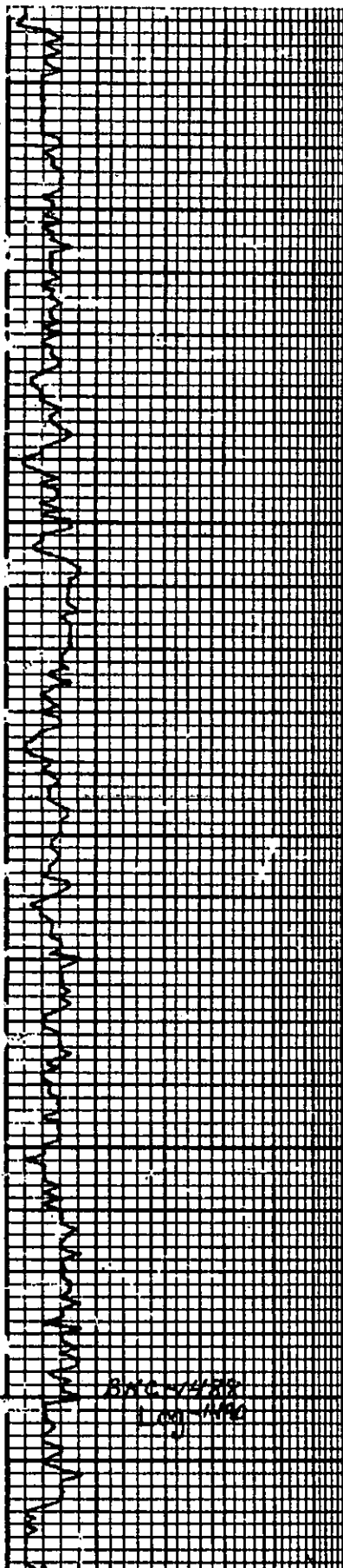
Sh uakry 190

Lsten - wh fraxyls, DAS,
pringl BNS

Shgry
DNS micayls

Shgry dkgr

Ls wh - mms dcs fraxyls
pringl BNS Brn - Blazpt
5m, 600, 1500



50

3400

50

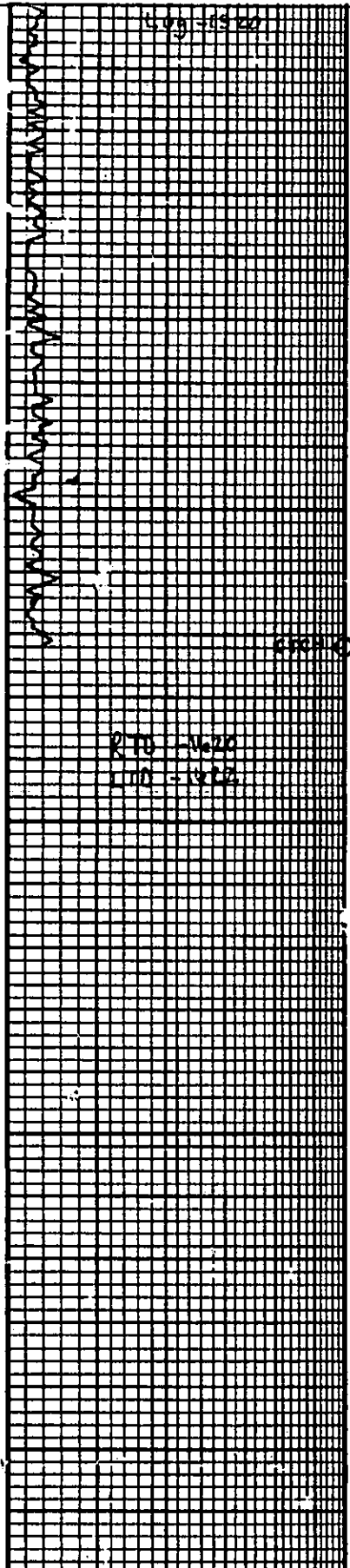
3500

50

SA BANCARE
 CRKY LMS, S Smv das microp
 TRMS NS
 SA GRY BAN
 LS wh, sm ool-foss frags w/ fr int
 Pass 1-2 fr labls, 1-2 w/sto, fr ool
 BAN - BUC SPT SPT SPT
 frags ool v fray lg gry LS pr BUC
 STGRY
 LS BAN-gry mist fr - v fray fr pr
 sm ool - fr ool edge sm pr fr fray
 SPT - fr ool
 frags ool BAN
 SA BANCARE
 SH v dr gr
 LS wh, sm ool-foss frags w/ fr int
 frags 1-2 fr labls, 1-2 w/sto, sm ool
 fray 1-2 fr labls, fr ool
 SA CHRY GRAY SPT PASS AS w/ fr
 fr ool SPT, BUC fr ool
 fray SPT
 LS wh, sm ool-foss frags w/ fr int
 frags 1-2 fr labls, 1-2 w/sto, sm ool
 fray 1-2 fr labls, fr ool
 frags ool BAN
 SA BANCARE
 SH dr gry, gry
 LS wh, sm ool-foss frags w/ fr int
 Pass 1-2 fr labls, 1-2 w/sto, fr ool
 BAN - BUC SPT SPT SPT
 frags ool v fray lg gry LS pr BUC
 STGRY
 SH BAN GRAY
 LS BAN - TRAY frags mat. ool
 not fr labls w/ 1-2 fr labls, 1-2 w/sto, fr ool
 frags 1-2 fr labls, fr ool
 frags mic ool w/ fr int fray fr ool
 SH BAN GRAY
 LS BAN - wh sm tot ool-foss w/ fr
 ool int ool & fray, sm BAN ool sm
 fray SPT, SPT fray BAN fr labls
 frags ool BAN - mic ool
 SH BANCARE
 SH v dr gry, gry, BAN
 LS BAN, frags fr ool, fray fray
 ool, pass, 1-2 fr labls, 1-2 w/sto, fr ool
 SPT fray
 frags mic ool BAN - mic ool
 ool, pass NS
 SH BANCARE
 LS BAN fray w/ BAN ool, fray
 fray in fray fray fray fray fray
 fray fray - mic ool
 SA GRAY, BAN, RO
 wackies so
 v dr gr BAN - BAN mic ool
 w/ fray fray
 SHS dr gry gr BAN
 sm v dr gr wackies gr BAN

BAN
 BAN
 BAN
 BAN
 BAN

Log - 1920



RTO - No 25
LTD - 1920

3600

50

3700

Doco Ben 3m in suc. light, pro
w/ set ben - 3m in suc. light
w/ set ben - 3m in suc. light
3m in suc. light, 1920

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Doco 2m - 3m in suc. light, pro
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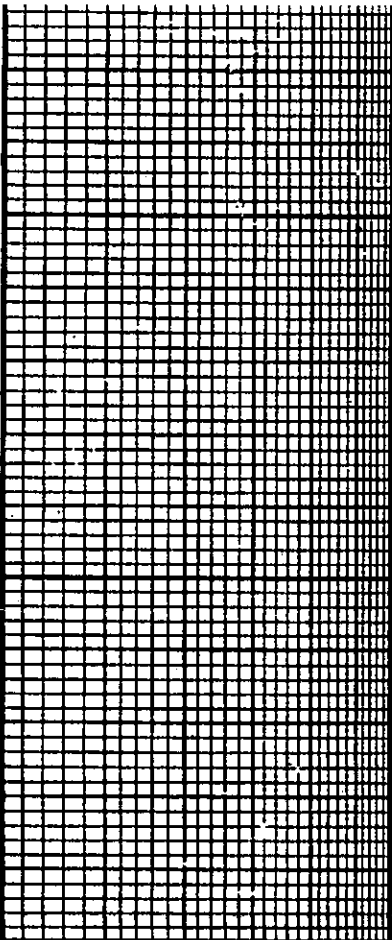
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w/ set ben - 3m in suc. light
3m in suc. light, 1920

Doco 2m - 3m in suc. light, pro
w/ set ben - 3m in suc. light
w/ set ben - 3m in suc. light
3m in suc. light, 1920

Ranch



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

DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

OPERATOR DROGL
 LEASE SCHMIDT B #19 IPRG-ARB
 ELEVATION 2252' KB RTD 3672'

LOCATION 335' ENL & 1900' FEL
 SEC 3 TWP 13s RNG 17w
 COUNTY FULLS STATE KANSAS