

Operator Name: DOWNING-NELSON OIL CO., INC. Lease Name: Darnell-McCellan Farms Well #: 1-21
 Sec. 21 Twp. 9 S. R. 21W East West County: Graham

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">CDNL/GR, DIL, Sonic, Microlog</p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: right;">Top</th> <th style="text-align: right;">Datum</th> </tr> </thead> <tbody> <tr> <td>Top Anhy.</td> <td style="text-align: right;">1724</td> <td style="text-align: right;">+537</td> </tr> <tr> <td>Base Anhy.</td> <td style="text-align: right;">1758</td> <td style="text-align: right;">+503</td> </tr> <tr> <td>Topeka</td> <td style="text-align: right;">3214</td> <td style="text-align: right;">-954</td> </tr> <tr> <td>Heebner</td> <td style="text-align: right;">3426</td> <td style="text-align: right;">-1165</td> </tr> <tr> <td>Toronto</td> <td style="text-align: right;">3449</td> <td style="text-align: right;">-1189</td> </tr> <tr> <td>LKC</td> <td style="text-align: right;">3464</td> <td style="text-align: right;">-1203</td> </tr> <tr> <td>BKC</td> <td style="text-align: right;">3681</td> <td style="text-align: right;">-1420</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: right;">3771</td> <td style="text-align: right;">-1510</td> </tr> </tbody> </table>	Name	Top	Datum	Top Anhy.	1724	+537	Base Anhy.	1758	+503	Topeka	3214	-954	Heebner	3426	-1165	Toronto	3449	-1189	LKC	3464	-1203	BKC	3681	-1420	Arbuckle	3771	-1510
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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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	20	221.44	Common	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3772	EA/2	150	
			DV Tool @	1681	SMDC	190	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
	Open Hole	none	3771

TUBING RECORD	Size Set At 2 3/8" 3771	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		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.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC. 13956

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>12-17-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>3:45 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:15 PM</u>
LEASE <u>McCELLAN</u> WELL # <u>1-21</u>				LOCATION <u>CHURCH OF GOD IN 172 W</u>		COUNTY <u>RENNER</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DISCOVERY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/2 T.D. 225

CASING SIZE 8 5/8 DEPTH 221

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 13 BBL

OWNER

CEMENT

AMOUNT ORDERED 150 LBM 3% CC
2% GEL

COMMON	<u>150</u>	@	<u>7.45</u>	<u>1072.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.45</u>	<u>172.50</u>
MILEAGE	<u>54 1/2</u>	@	<u>1 MILE</u>	<u>450.00</u>
TOTAL				<u>1875.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER MARK

345 HELPER DAVE

BULK TRUCK

213 DRIVER GARY

BULK TRUCK

DRIVER

REMARKS:

SERVICE

WIRC CEMENT

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>525.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>60</u>	@	<u>35.00</u>
PLUG	<u>8 5/8 WOOD</u>	@	<u>45.00</u>
		@	
		@	
TOTAL <u>775.00</u>			

CHARGE TO: DOWNING - NELSON

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

RECEIVED

JAN 31 2005

KCC WICHITA

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



CHARGE TO: Downing Nelson
 ADDRESS:
 CITY, STATE, ZIP CODE:

RECEIVED
 JAN 31 2005
 KCC WICHITA

TICKET No 6194
 PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays 16 WELL/PROJECT NO. 1-21 LEASE Darnell-McClellan COUNTY/PARISH Boonville Graham STATE KS CITY DATE 1-9-04 OWNER Same
 2. TICKET TYPE SERVICE CONTRACTOR RIG NAME/NO. Discovery SHIPPED VIA 105 DELIVERED TO N.W. Palco ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE 4/5 WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	40	mi			2.50	100.00
579					Pump charge	1	SA				1500.00
281					mud flush	500	gal			60	300.00
221					Liquid KCC	4	gal			19.00	76.00
405					PER shoe	1	SA				1250.00
408					D.V.	1	SA				2150.00
417					D.V, Latch Down Plug & Baffle	1	SA				200.00
402					Centralizers	7	SA			44.00	308.00
403					Cement Basket	1	SA				125.00
					From Continuation						440.63

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 1-9-04 TIME SIGNED 9 00 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				10410 63
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX 417.73
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 10,828.36
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

OPERATOR [Signature] APPROVAL

Thank You!

LOG

SWIFT Services, Inc.

DATE 1-9-04 PAGE NO.

CUSTOMER Downing Nelson

WELL NO. 1-21

LEASE Darnell-McClellan Farms JOB TYPE 2-stage 4/3

TICKET NO. 6194

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							on loc RTD 3776 LTD 3777
	1045							ST 5 1/2 CSG 14# Run PKR shoe, D.V. Latch Down Baffle, B Con on Collars ^{13, 15, 17, 19, 21, 23} SET PKR shoe 3772 1 Basket on ^{top} JT 48 w/ Cent D.V. on Top of JT 49 1681 Feet Total CSG 3778 Shoe Joint 42.50
								CSG on bottom hook up + circ 1300 set PKR shoe + circ circ w/ mud final circ Plug Rathole w/ 15 SKS Plug mouse hole w/ 10 SKS ST 500 gal mud flush 20 BBL KCL water. 750 SKS EA-2
		6	12 20 37 BBL					7 0 45 BBL water 47 BBL mud
		4						900 Plug Down Release PSI Plug held
	1310							DROP @ D.V. opening Bomb
	1312							1100 open D.V. + Pump 30 BBL mud
	1327							300 ST 190 Pump 20 BBL KCL water Pump 190 SKS SMD 1/4 # floater final CMT
	1335	6	105					1250 Release Plug + ST Disp Plug Down CMT DID Circ To PK APPROX 20 SKS To Pit
	1405	5	41					1430 Job Complete

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