

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30717  
Name: DOWNING NELSON OIL COMPANY, INC  
Address: PO BOX 372  
City/State/Zip: HAYS, KS 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: RON NELSON  
Phone: (785) 621-2610  
Contractor: Name: DISCOVERY DRILLING CO., INC.  
License: 31548  
Wellsite Geologist: RON NELSON

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>12/05/05</u>	<u>12/12/05</u>	<u>12/13/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,316-00-00  
County: TREGO  
SW SW SE Sec. 11 Twp. 14 S. R. 21  East  West  
125 sks \_\_\_\_\_ feet from S / N (circle one) Line of Section  
2470 \_\_\_\_\_ feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: ERLEKA UNIT Well #: 1-11  
Field Name: WILDCAT

Producing Formation: LKC  
Elevation: Ground: 2231 Kelly Bushing: 2239  
Total Depth: 4083 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 222.57 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1585 Feet  
If Alternate II completion, cement circulated from 1585  
feet depth to SURFACE w/ 180 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Ait II ncr  
(Data must be collected from the Reserve Pit) 10-27-08  
Chloride content 13,000 ppm Fluid volume 300 bbls  
Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. MAR 23 2006 Twp. 14 S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

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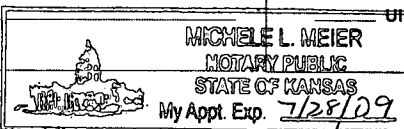
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]  
Title: VICE PRESIDENT Date: 03/22/2006

Subscribed and sworn to before me this 22 day of March,  
2006

Notary Public: [Signature]  
Date Commission Expires: 7/28/09



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
UIC Distribution

Operator Name: DOWNING NELSON OIL COMPANY, INC Lease Name: ERLEKA UNIT  
 Sec. 11 Twp. 14 S. R. 21  East  West County: TREGO

*Handwritten:* Mch 12 2010

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	1596	+643
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BASE	1638	+601
List All E. Logs Run:		TOPEKA	3306	-1067
		HEEBNER	3543	-1304
		TORONTO	3562	-1323
		LKC	3580	-1341
		BKC	3825	-1586
		MARMATON	3910	-1671

Micro, Sonic, Dual Induction, Compensated Density / Neutron

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	12 1/4"	8 5/8"	20	222.57	COMMON	150	2% GEL & 3% CC
Production	7 7/8	5 1/2"	14	4079.73	EA/2	150	
			DV TOOL @	1585	SMDC	110	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	3993' - 3996'	250 GAL. OF 15% MUD ACID	
4	3650' - 3653'	250 GAL. OF 15% MUD ACID	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4029.63		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
01/31/06	<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
	15	0	15	

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

# SWIFT



Services, Inc.

P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



## Invoice

DATE	INVOICE #
12/12/2005	9489

BILL TO
Downing Nelson Oil Co. Inc. PO Box 372 Hays, KS 67601

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• Acidizing

• Cement

• Tool Rental

PAID DEC 21 2005

#003609

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-11	Erleka Unit	Trego	Discovery Drilling	Oil	Development	5-1/2" 2-Stage L...	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	4.00	160.00
579D	Pump Charge - Two-Stage - 4079 Feet				1	Job	1,600.00	1,600.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	0.75	375.00T
402-5	5 1/2" Centralizer				7	Each	60.00	420.00T
403-5	5 1/2" Cement Basket				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	250.00	250.00T
408-5	5 1/2" D.V. Tool & Plug Set - Top Joint #60 - 1585 Feet				1	Each	2,800.00	2,800.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
419-5	5 1/2" Rotating Head Rental				1	Each	250.00	250.00T
325	Standard Cement				150	Sacks	9.00	1,350.00T
330	Swift Multi-Density Standard (MIDCON II)				180	Sacks	11.50	2,070.00T
276	Flocele				83	Lb(s)	1.10	91.30T
283	Salt				750	Lb(s)	0.20	150.00T
284	Calseal				7	Sack(s)	30.00	210.00T
285	CFR-2				71	Lb(s)	4.00	284.00T
290	D-Air				2	Gallon(s)	20.00	40.00T
581D	Service Charge Cement				330	Sacks	1.10	363.00
583D	Drayage				670.28	Ton Miles	1.00	670.28
Subtotal								11,608.58
Sales Tax Trego County							5.80%	511.29

Thank You For Your Business &  
Best Wishes For A Wonderful Holiday Season!!

Total

\$12,119.87



CHARGE TO:  
 DOWNING & NELSON  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET  
 No 9489

PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS CITY, KS	WELL/PROJECT NO. 1-11	LEASE ERLEKA UNIT	COUNTY/PARISH TREGO	STATE KS	CITY	DATE 12-12-05	OWNER same
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DISCOVERY DRILLING	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 5 1/2" - 2 STAGE LONGSTRAW	WELL PERMIT NO.	WELL LOCATION REGA - LAKE RD - 2 E, 2 S, 1/2 W, 2 S		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 104	40				4.00	160.00
579		1			PUMP SERVICE - 2 STAGE	1	JOB	4079	FT	1600.00	1600.00
221		1			LIQUID KCL	4				25.00	100.00
281		1			MOD FLUSH	500				.75	375.00
402		1			CENTRALIZES	7		5 1/2	"	60.00	420.00
403		1			CEMENT BASKET	1				225.00	225.00
407		1			INSERT FLOAT SHOE W/ FOLLOW	1				250.00	250.00
408		1			DV TOOL & PLUG SET TOP JT # 60	1		1585	FT	2800.00	2800.00
417		1			DV LATCH DOWN PLUG - BAFFLE	1				200.00	200.00
419		1			ROTATING HEAD RENTAL	1	JOB			250.00	250.00

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**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

*Thomas* [Signature]  
 DATE SIGNED 12-12-05 TIME SIGNED 2:00 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 #1	6380.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#2	5228.58
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	11,608.58
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	511.29
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				reqn 5.8%	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	12,119.87
<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.

SWIFT OPERATOR: *Wade Wise* APPROVAL: \_\_\_\_\_

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

### TICKET CONTINUATION

TICKET No. 9489

CUSTOMER: DOWNING - NELSON  
WELL: ERIEVA UNIT 1-11  
DATE: 12-12-05  
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325		1				STANDARD CEMENT	EA-2	150	SBS		9.00	1350.00	
330		1				SWIFT MULTIZ-NEWSITY STANDARD		180	SBS		11.50	2070.00	
276		1				FLOCEL		83	LBS		1.10	91.30	
283		1				SALT		750	LBS		.20	150.00	
284		1				CALSEAL		7	SBS	700	LBS	30.00	210.00
285		1				CFR-2		7	LBS		4.00	28.00	
290		1				D-ADD		2	GAL		20.00	40.00	
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581		1				SERVICE CHARGE				CUBIC FEET	330	1.10	363.00
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES		TON MILES	670.28	1.00	670.28

CONTINUATION TOTAL 5228.58

JOB LOG

SWIFT Services, Inc.

DATE 12-12-05 PAGE NO. 7

CUSTOMER DOWNING & NELSON	WELL NO. 1-11	LEASE ERLEKA UNIT	JOB TYPE 5 1/2" 2-STAGE LOGGING	TICKET NO. 9489
------------------------------	------------------	----------------------	------------------------------------	--------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							ON LOCATION
	2215							START 5 1/2" CASING IN WELL
								TD-4083 SET @ 4079.73
								TP-4079.73 5 1/2 #/FT 14
								ST-20.53
								CONNECTIONS - 1, 3, 5, 7, 9, 11, 59
								CMT BSKT - 60
								DV TOOL @ 1585 TOP JT # 60
	0010							DROP BALL - CIRCULATE ROTATE
	0100	6	12		✓	500		PUMP 500 GAL MUD FLUSH
	0102	6	20		✓	500		PUMP 20 BBLs KCL FLUSH
	0108	5 1/2	36		✓	400		MIX CMT - 150 SKS EA-2
	0117							WASH OUT PUMP & LINES
	0118							RELEASE DV LATCH DOWN PLUG
	0120	6 1/2	0		✓			DISPLACE PLUG
		6 1/2	89			700		SHUT OFF ROTATE
	0136	6 1/2	99			1750		PLUG DOWN - PST UP LATCH IN PLUG
	0138					OK		RELEASE PST - HEW
	0141							DROP DV OPENING PLUG
	0152				✓	1100		OPN DV TOOL - BREAK CIRCULATION
	0152	6	20		✓	300		PUMP 20 BBLs KCL FLUSH
	0157		4 1/2					PLUG RH-MH
	0200	6	100		✓	250		MIX CMT - 180 SKS SWS
	0217							WASH OUT PUMP & LINES
	0218							RELEASE DV CLOSING PLUG
	0220	6	0		✓			DISPLACE PLUG
	0226	5	38.7			1750		PLUG DOWN - PST UP CLOSE DV TOOL
	0228					OK		RELEASE PST - HEW
								CIRCULATE 20 SKS CMT TO POT
								WASH UP
	0.330							JOB COMPLETE

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THANK YOU  
WANG, DUSTY, BRETT

# ALLIED CEMENTING CO., INC. 25683

Federal Tax I.D.#

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

SERVICE POINT K

DATE <u>12-5-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>9:00pm</u>	JOB START <u>10:30pm</u>	JOB FINISH <u>11:00pm</u>
LEASE <u>ERLEKA</u>	WELL # <u>1-11</u>		LOCATION <u>RIGA 7S 2E 2S 14W</u>		COUNTY <u>TRECO</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR DISCOVERY #2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 8 5/8 DEPTH 222

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 COM 376.00  
28 GEL

COMMON	<u>150</u>	@	<u>870</u>	<u>1305.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>14.00</u>	<u>42.00</u>
CHLORIDE	<u>5</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER MARK

# 366 HELPER CRAIG

BULK TRUCK

# 362 DRIVER BREAN

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

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HANDLING	<u>158</u>	@	<u>1.60</u>	<u>252.80</u>
MILEAGE	<u>6 1/2</u>	@	<u>74.00</u>	<u>474.00</u>
TOTAL				<u>2263.80</u>

REMARKS:

CEMENT CIRC

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 670.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 50 @ 5.00 250.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: DOWNING - NELSON

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 920.00

PLUG & FLOAT EQUIPMENT

<u>8 5/8 wood</u>	@	<u>55.00</u>
_____	@	_____
_____	@	_____
_____	@	_____

ERLEKA UNIT #1-11  
125' FSL & 2470' FEL  
Section 11-14S-21W  
Trego County, Kansas

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COMPLETION

- 12-29-05 Moved in KC Well Service Single Drum and rigged up. Ran 4 7/8" Bit on 4 Drill Collars and 2 3/8" Upset Tubing. Ran down and tagged DV Tool. Came up and shut down.
- 12-30-05 Began drilling on DV Tool. Had DV Tool drilled out and reamed clean at 1:00 PM. Pulled Tubing, Collars, and Bit. Ran Correlation Bond Log.
- 12-31-05 down thru 1-2-06
- 1-3-06 Rigged down Single Drum and moved off.
- 1-6-06 Moved in KC Well Service Double Drum and rigged up. Casing Swabbed well down to 3125'. Perforated Arbuckle 3993' to 3996' with 4 shots per foot Expendable. Perforated the "E" zone from 3650' to 3653' and the "C" zone from 3612' to 3616' with 4 shots per foot Conventional Guns. Goo show of oil on two of the Guns. Ran casing swab one time and 50' gassy oil on top with good show thru out.
- 1-7-06 and 1-8-06 Shut Down.
- 1-9-06 Ran 5 1/2" Bridge Plug and Packer on 2 3/8" Upset Tubing (New). Set Bridge Plug at 4005'. Left Packer swinging at 3975'. Fluid at 2050'. Made one 1500' pull- all oil. 1950' fillup. 450' water below. Heavy oil. Swab fell through oil very slowly. Set Packer at 3975'. Swabbed down. Let set 15 min.- Dry. Released packer and spotted 250 gal. 15% Mud Acid over the Arbuckle Perfs- 3993' to 3996'. Set Packer at 3975'. Slowly went up to 800# over about 45 min. Staggering at 800# through out the job. 3 1/2 hours to get acid in the zone. Let set overnight. Total Load- 21.5 Bbl.
- 1-10-06 Fluid was down 1400'. Swab down- 14 Bbl., short 7.5 Bbl. Of the load. 15 min.- 160' fluid, 5% oil and muddy. Released packer and went after Bridge Plug. Reset Bridge Plug at 3633'. Set Packer at 3567'. Swabbed down to seating nipple. Let set 15 min.- 60' oil. 2<sup>nd</sup> 15 min.- 400' oil. Released Packer and Spotted 250 gal. 15% Mud Acid over the "C" zone from 3612' to 3616'. Set packer at 3567'. Slowly pressured to 1000#. Dropped 100# in 20 min. Release pressure and swabbed back hot acid. Let set 15 min.- dry. Went back through figures on Plug and Packer for 3<sup>rd</sup> time and we are set in Blank Pipe. Released Packer and went after Bridge Plug. Tried to reset Bridge Plug between "C" and "E" zones and could not get it to set. Decided to set at 3661', below "D" zone at 3650' to 3653'. Spotted 250 gal. 15% Mud



Acid over the "C" and "E" zones. Set Packer at 3567'. Loaded just right. Staged in 1 Bbl. At 200#. Started pumping at 8 GPM at 200# to 475# and small break to 400# then back to 475#. After 3 Bbl. In we increased rate to 1/3 BPM at 500# and broke back to 450# at end of the job. ISIP- 400#. Total Load- 24 Bbl. 5 min.- 350#. 10 min.- 300#. Released back 1 Bbl. Swab down- 16.24 Bbl. Last pull 35% oil.

- 1-11-06 Fluid at 1050'. Oil is heavy. Taking a long time for swab to drop through. 300' water on bottom. 2600' fill up. Swab down- 31.9 Bbl. Bob Goodrow caught a sample. Grind out was 6% water and 1% Mud. Put on 15 min. pulls- 1<sup>st</sup> hour- 5.80 Bbl. 90% oil. Next 15 min.- 375'. Treated with 1000 gal. 15% Double NE Acid with Mud additives. Loaded 1.5 Bbl. Late. Started treating at 200# at 1.5 BPM and by 3 Bbl. in formation we were down to 1 BPM at 400# and got a little break back to 350# with 4 Bbl. In formation. At 6 Bbl. In we were at 400# and we ended up treating the rest of the way at 400# to 500# and back. ISIP- 400#. 5 min.- 300#. 10 min.- 275#. 15 min.- 225#. Total Load- 46 Bbl. Swab down- 30 Bbl. Put on 15 min. pulls. 1<sup>st</sup> Hour- 7.54 Bbl., 90% oil. Hitting about 700' fluid but only coming out with 500' fluid.
- 1-12-06 Overnight fill up- 2300', fluid at 1300' from surface. Taking a long time to drop through heavy oil. Swab down- 12.18 Bbl. 90% oil. 1<sup>st</sup> hour- 6.38 Bbl., 90% oil. Hitting 475' to 375' per pull every 15 min. Released Packer and went after Bridge Plug. Released Plug and pulled one joint. Wind is too bad. Shut down.
- 1-13-06 Pulled Tubing, Packer, and Bridge Plug. Ran 15' Mud Anchor, 1.1' Seating Nipple, and 128 joints- 4029.63'-2 3/8" Upset Tubing with 1-4' Sub on top. Started running 2" X 1 1/2" X 12' Metal To Metal Insert Pump on 3/4" Rods.
- 1-14-06 Finished running rods. Ran 160-4000'- 3/4" Sucker rods with 18' ponies. Tore down and moved off.

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OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30717  
Name: DOWNING NELSON OIL COMPANY, INC  
Address: PO BOX 372  
City/State/Zip: HAYS, KS 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: RON NELSON  
Phone: (785) 621-2610  
Contractor: Name: DISCOVERY DRILLING CO., INC.  
License: 31548  
Wellsite Geologist: RON NELSON

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, 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./SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ Plug Back Total Depth  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

12/05/05      12/12/05      12/13/05  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 195-22,316-00-00  
County: TREGO  
\_\_\_\_\_ SW \_\_\_\_\_ SE Sec. 11 Twp. 14 S. R. 21  East  West  
125 sks \_\_\_\_\_ feet from S / N (circle one) Line of Section  
2470 \_\_\_\_\_ feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: ERLEKA UNIT Well #: 1-11  
Field Name: WILDCAT

Producing Formation: LKC  
Elevation: Ground: 2231 Kelly Bushing: 2239  
Total Depth: 4083 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 222.57 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1585 Feet  
If Alternate II completion, cement circulated from 1585  
feet depth to SURFACE w/ 180 sx cmt.

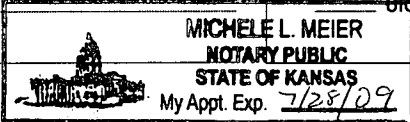
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 13,000 ppm Fluid volume 300 bbls  
Dewatering method used EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. 23 R. \_\_\_\_\_ East  West   
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_  
**RECEIVED**  
**MAR 23 2006**  
**KCC WICHITA**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Al Downing  
Title: VICE PRESIDENT Date: 03/22/2006  
Subscribed and sworn to before me this 22 day of March,  
2006.  
Notary Public: Michele L Meier  
Date Commission Expires: 7/28/09

**KCC Office Use ONLY**  
\_\_\_\_\_ Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_\_ Wireline Log Received  
\_\_\_\_\_ Geologist Report Received  
\_\_\_\_\_ Distribution



Operator Name: DOWNING NELSON OIL COMPANY, INC Lease Name: ERLEKA UNIT Well #: 1-11  
 Sec. 11 Twp. 14 S. R. 21  East  West County: TREGO

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Micro, Sonic, Dual Induction, Compensated  
 Density / Neutron

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
ANHYDRITE	1596	+643
BASE	1638	+601
TOPEKA	3306	-1067
HEEBNER	3543	-1304
TORONTO	3562	-1323
LKC	3580	-1341
BKC	3825	-1586
MARMATON	3910	-1671

CASING RECORD  New  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	12 1/4"	8 5/8"	20	222.57	COMMON	150	2% GEL & 3% CC
Production	7 7/8	5 1/2"	14	4079.73	EA/2	150	
			DV TOOL @	1585	SMDC	110	

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
4	3993' - 3996'	250 GAL. OF 15% MUD ACID	
4	3650' - 3653'	250 GAL. OF 15% MUD ACID	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4029.63		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
01/31/06	<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
	15	0	15	

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

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

COPY

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30717  
Name: DOWNING NELSON OIL COMPANY, INC  
Address: PO BOX 372  
City/State/Zip: HAYS, KS 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: RON NELSON  
Phone: (785) 621-2610  
Contractor: Name: DISCOVERY DRILLING CO., INC.  
License: 31548  
Wellsite Geologist: RON NELSON  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  
12/05/05 12/12/05 12/13/05  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 195-22,316-00-00  
County: TREGO  
SW SW SE Sec. 11 Twp. 14 S. R. 21  East  West  
125 sks \_\_\_\_\_ feet from S / N (circle one) Line of Section  
2470 \_\_\_\_\_ feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: ERLEKA UNIT Well #: 1-11  
Field Name: WILDCAT  
Producing Formation: LKC  
Elevation: Ground: 2231 Kelly Bushing: 2239  
Total Depth: 4083 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 222.57 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1585 Feet  
If Alternate II completion, cement circulated from 1585  
feet depth to SURFACE w/ 180 \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 13,000 ppm Fluid volume 300 bbls  
Dewatering method used EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. W 23 2806 R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

RECEIVED

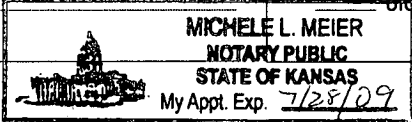
KCC WICHITA

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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.

Signature: Al Downing  
Title: VICE PRESIDENT Date: 03/22/2006  
Subscribed and sworn to before me this 22 day of March,  
20 06  
Notary Public: Michele L Meier  
Date Commission Expires: 7/28/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
Orig Distribution



Operator Name: DOWNING NELSON OIL COMPANY, INC Lease Name: ERLEKA UNIT Well #: 1-11  
 Sec. 11 Twp. 14 S. R. 21  East  West County: TREGO

**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 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 <i>(Submit Copy)</i>  List All E. Logs Run:  Micro, Sonic, Dual Induction, Compensated Density / Neutron	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>1596</td> <td>+643</td> </tr> <tr> <td>BASE</td> <td>1638</td> <td>+601</td> </tr> <tr> <td>TOPEKA</td> <td>3306</td> <td>-1067</td> </tr> <tr> <td>HEEBNER</td> <td>3543</td> <td>-1304</td> </tr> <tr> <td>TORONTO</td> <td>3562</td> <td>-1323</td> </tr> <tr> <td>LKC</td> <td>3580</td> <td>-1341</td> </tr> <tr> <td>BKC</td> <td>3825</td> <td>-1586</td> </tr> <tr> <td>MARMATON</td> <td>3910</td> <td>-1671</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	ANHYDRITE	1596	+643	BASE	1638	+601	TOPEKA	3306	-1067	HEEBNER	3543	-1304	TORONTO	3562	-1323	LKC	3580	-1341	BKC	3825	-1586	MARMATON	3910	-1671
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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	12 1/4"	8 5/8"	20	222.57	COMMON	150	2% GEL & 3% CC
Production	7 7/8	5 1/2"	14	4079.73	EA/2	150	
			DV TOOL @	1585	SMDC	110	

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				

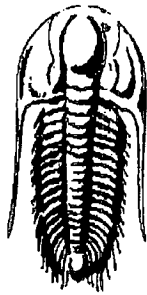
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4	3993' - 3996'	250 GAL. OF 15% MUD ACID	
4	3650' - 3653'	250 GAL. OF 15% MUD ACID	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	4029.63		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
01/31/06			<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
	15	0	15		

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson**

P.O. Box 372  
Hays, Ks 67601

ATTN: Ron Nelson

**11-14s-21w-Trego**

**Erleka Unit 1-11**

Start Date: 2005.12.10 @ 22:00:35

End Date: 2005.12.11 @ 05:19:04

Job Ticket #: 23380      DST #: 1

15-195-22316-00-00

RECEIVED  
MAR 23 2006  
KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Downing-Nelson

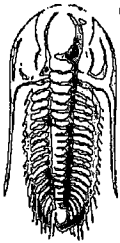
Erleka Unit 1-11

11-14s-21w-Trego

DST # 1

LKC "C, D, E"

2005.12.10



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Dow ning-Nelson

Ereka Unit 1-11

P.O. Box 372  
Hays, Ks 67601

11-14s-21w-Trego

Job Ticket: 23380

DST#: 1

ATTN: Ron Nelson

Test Start: 2005.12.10 @ 22:00:35

### GENERAL INFORMATION:

Formation: **LKC "C, D, E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:11:04

Time Test Ended: 05:19:04

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 15

Interval: **3590.00 ft (KB) To 3660.00 ft (KB) (TVD)**

Reference Elevations: 2239.00 ft (KB)

Total Depth: 3660.00 ft (KB) (TVD)

2231.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: **6799** Inside

Press@RunDepth: 127.73 psig @ 3600.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.12.10

End Date: 2005.12.11

Last Calib.: 2005.12.11

Start Time: 22:00:35

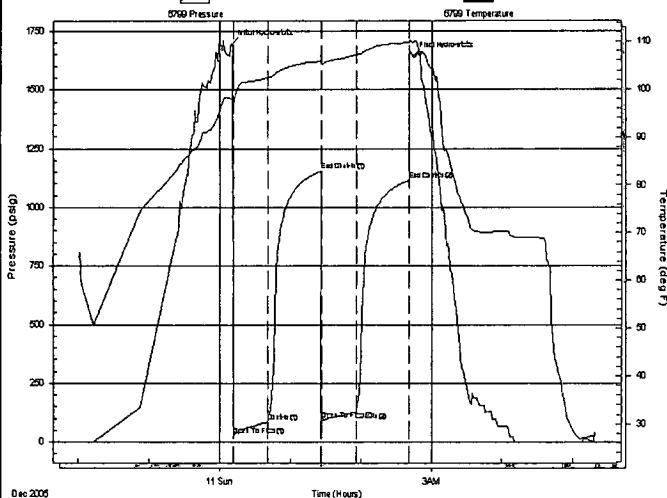
End Time: 05:19:04

Time On Btm: 2005.12.11 @ 00:09:49

Time Off Btm: 2005.12.11 @ 02:43:49

**TEST COMMENT:** IFF - bottom bucket in 6 min.  
ISI - 1/4" blow built to 1" dropped to 1/2"  
FFP - bottom bucket in 7 min.  
FSI - 1/4" blow built to 4 1/2"

Pressure vs. Time



### PRESSURE SUMMARY

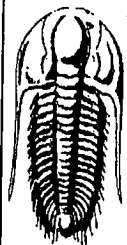
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.87	98.08	Initial Hydro-static
2	26.19	97.56	Open To Flow (1)
31	84.79	102.40	Shut-In(1)
76	1153.08	105.80	End Shut-In(1)
77	95.47	105.38	Open To Flow (2)
106	127.73	107.17	Shut-In(2)
151	1114.66	109.72	End Shut-In(2)
154	1639.55	109.85	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCO 5% G, 65% O, 30% M	0.43
315.00	FREE OIL: 20% G, 80% O	4.42

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson

Erleka Unit 1-11

P.O. Box 372  
Hays, Ks 67601

11-14s-21w-Trego

Job Ticket: 23380

DST#: 1

ATTN: Ron Nelson

Test Start: 2005.12.10 @ 22:00:35

### Tool Information

Drill Pipe:	Length: 3544.00 ft	Diameter: 3.80 inches	Volume: 49.71 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 49.86 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial lb
Depth to Top Packer:	3590.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.02 ft			
Tool Length:	90.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

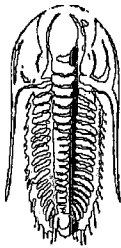
Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3575.00	
Hydraulic tool	5.00			3580.00	
Packer	5.00			3585.00	20.00 Bottom Of Top Packer
Packer	5.00			3590.00	
Stubb	1.00			3591.00	
Perforations	9.00			3600.00	
Recorder	0.01	6799	Inside	3600.01	
Change Over Sub	1.00			3601.01	
Drill Pipe	30.00			3631.01	
Change Over Sub	1.00			3632.01	
Perforations	25.00			3657.01	
Recorder	0.01	13548	Outside	3657.02	
Bullnose	3.00			3660.02	70.02 Bottom Packers & Anchor

**Total Tool Length: 90.02**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson

Ereka Unit 1-11

P.O. Box 372  
Hays, Ks 67601

11-14s-21w-Trego

Job Ticket: 23380

DST#: 1

ATTN: Ron Nelson

Test Start: 2005.12.10 @ 22:00:35

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
50.00	MCO 5% G, 65% O, 30% M	0.428
315.00	FREE OIL 20% G, 80% O	4.419

Total Length: 365.00 ft

Total Volume: 4.847 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 925' GIP

