

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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. \_\_\_\_\_

08/28/08	09/04/08	09/05/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22,575-00-00  
County: TREGO  
SW SW NE Sec. 6 Twp. 13 S. R. 22 ☐ East ☒ West  
2090 feet from S N (circle one) Line of Section  
2170 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Mary Lou Well #: 1-6  
Field Name: WILDCAT

Producing Formation: LKC  
Elevation: Ground: 2325 Kelly Bushing: 2333  
Total Depth: 4287 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 227.84 Feet  
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No  
If yes, show depth set 1782 Feet  
If Alternate II completion, cement circulated from 1782  
feet depth to \_\_\_\_\_ w/ 250 sx cmt  
Alt 2-Dlg - 12/18/08

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 240 bbls  
Dewatering method used Haul free fluids

Location of fluid disposal if hauled offsite:

Operator Name: Blackhawk Production Company  
Lease Name: BRULL SWD License No.: 32504  
Quarter NE/4 Sec. 30 Twp. 14 S. R. 18 ☐ East ☒ West  
County: ELLIS Docket No.: E-26232

**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: Ala Downing  
Title: VICE PRESIDENT Date: 11-4-08  
Subscribed and sworn to before me this 4 day of November  
20 08.  
Notary Public: Michele L Meier  
Date Commission Expires: 7/28/09

KCC Office Use ONLY

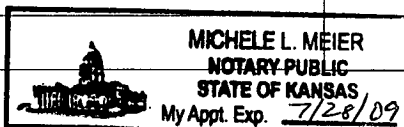
☒ Letter of Confidentiality Received

If Denied, Yes ☐ Date: \_\_\_\_\_

☒ Wireline Log Received

☒ Geologist Report Received

☐ UIC Distribution





Operator Name: DOWNING-NELSON OIL COMPANY, INC. Lease Name: Mary Lou Well #: 1-6  
 Sec. 6 Twp. 13 S. R. 22 ☐ 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, Compensated Density/Neutron and  
 Dual Induction

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
TOP ANHYDRITE	1792'	+544
BASE ANHYDRITE	1835'	+507
TOPEKA	3442'	-1106
HEEBNER	3655'	-1329
TORONTO	3685'	-1349
LKC	3700'	-1364
BKC	3946'	-1610
MARMATON	4056'	-1720

### 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"	23#	227.84'	COMMON	150	2% Gel & 3% CC
Production St.	7 7/8"	5 1/2"	14#	4285.50'	EA/2	150	
			Port Collar	1782'	60/40 Poz	250	

### 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	4182' to 4185'	1250 GAL. OF 15% MUD ACID	3780' to 3784'
4	3780' to 3784'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4021.63		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 10/01/08	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. 35	Gas Mcf 0	Water Bbls. 1	Gas-Oil Ratio 27

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_



Downing & Nelson Oil Company  
PO Box 372  
Hays, KS 67601

API No. 195-22,575-00-00

Mary Lou #1-6  
6-13s-22w

**Continuation of Tops**

Name	Top	Datum
Cherokee Shale	4108'	-1774
Cherokee Sand #1	4142'	-1806
Mississippi	4202'	-1866
Arbuckle	4264'	-1928

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WICHITA, KS



# SWIFT Services, Inc.

KEL  
Mr  
11/03/08

DATE 9-5-08 PAGE NO.

WELL NO.		LEASE		JOB TYPE		TICKET NO.		
1-6		Mary Lee		Cement 5 1/2" Longstring		14642		
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0645							On location - Rig LD-DR
	0845							Start 5 1/2" 14 #/ft casing
								Insert float shoe w/ RUp-Latch Down
								Bundle, Cent-1-3-5-7-9-11-59
								Cement Basket #60
								Port Collar #60 @ 1783'
	1030							Drop fill-up ball 5 JTS off Bottom
	1035							Tag bottom - 1783' 15" CAS
	1040							Start circ & rotate casing
	1110							Fin circ -
			10					Plug RH & MH 45 SKS EA-2
	1115	5	12				300	Pump 500 gal mud flush
		6	20				350	Pump 20 BBL KCL Flush
		5					350	Start mixing 105 SKS FA-2 mud
			25 1/2				100 Vac	Fin cont -
								Wash pump & lines
								Drop Latch Down Plug
	1132	9 1/2					400	Start Displ (104 BBL)
		9	15				350	slow rate
		8	30				300	slow rate
		6 1/2	45				250	slow rate
		6	60				250	slow rate
		6	75				250	
		6	80				300	Casing at press 1.1 PP
		5	90				400	slow rate
		5	103				750	
	1150	0	104				1500	Plug Down - Held - Release & Held
								Wash up & Rack up P.T.
	1200							Job Complete
								Thanks
								LOAN, Blaine & Bob

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WICHITA, KS



# ALLIED CEMENTING CO., LLC. 32182

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>8-28-08</u>	SEC. <u>6</u>	TWP. <u>13</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>6:15p</u>	JOB FINISH <u>6:45p</u>
LEASE <u>Mary Lou</u>	WELL # <u>1-6</u>	LOCATION <u>Ogallah 25 to M rd</u>			COUNTY <u>Trego</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)			<u>3 1/2 W Sinto</u>				

CONTRACTOR Discovery Drilling Rig # 3  
TYPE OF JOB Surface 1-5

OWNER

HOLE SIZE 12 1/4 T.D. 226  
CASING SIZE 8 5/8 DEPTH 222.84  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG. 15'  
PERFS.  
DISPLACEMENT 13.5 bbl

## EQUIPMENT

PUMP TRUCK CEMENTER Shane  
# 366 HELPER Travis  
BULK TRUCK  
# 395 DRIVER Chris Beck  
BULK TRUCK  
# DRIVER

## REMARKS:

Cement Circ

CHARGE TO: Downing Nelson  
STREET  
CITY STATE ZIP

Thanks!

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

## CEMENT

AMOUNT ORDERED 150 Can 32 cc  
2 1/2 Gal

COMMON 150 @ 13.50 2025.00  
POZMIX @  
GEL 3 @ 20.25 60.75  
CHLORIDE 5 @ 51.50 257.50  
ASC @

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HANDLING 158 @ 2.25 355.50  
MILEAGE 110.5k/mile 869.00

TOTAL 3567.75

## SERVICE

DEPTH OF JOB  
PUMP TRUCK CHARGE 991.00  
EXTRA FOOTAGE @  
MILEAGE 55 @ 7.50 412.50  
MANIFOLD @  
@  
@

TOTAL 1403.50

## PLUG & FLOAT EQUIPMENT

@  
@  
8 1/2 Plug @ 66.00  
@  
@



# ALLIED CEMENTING CO., LLC. 32211

PO. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell  
NOON

DATE <u>9-26-08</u>	SEC. <u>6</u>	TWP. <u>13</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>NARY - Lou</u>	WELL # <u>1-6</u>	LOCATION <u>Ogallah 2s 3 1/2 W 1/4s</u>			COUNTY <u>Trego</u>	STATE <u>Kansas</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Fimeo Well Service  
 TYPE OF JOB PORT COLLAR (OPEN & CURE CEMENT)  
 HOLE SIZE 8 5/8 SURFACE T.D. 228  
 CASING SIZE 5 1/2 DEPTH 4285  
 TUBING SIZE 2 3/8 DEPTH  
 DRILL PIPE DEPTH DAN  
 TOOL DAN'S PACKER SERV. DEPTH 1226  
 PRES. MAX 1,000 # MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT T- 6.8 BBL  
 EQUIPMENT

PUMP TRUCK CEMENTER Glenn  
 # 398 HELPER Gray  
 BULK TRUCK  
 # DRIVER Rocky - Chad  
 BULK TRUCK  
 # DRIVER

REMARKS: ANHYD. 1790  
1834

Bridge Plug @ 3576', Load Hole & Test To  
1,000#. (Held)

CHARGE TO: Downing & Nelson Oil  
 STREET  
 CITY STATE ZIP

OWNER (USED 250 SK)  
 CEMENT  
 AMOUNT ORDERED 400 SK 60% 6% GEL  
1/4 # F10-Seal PER SK

COMMON	<u>150</u>	@ <u>13.50</u>	<u>2025.00</u>
POZMIX	<u>100</u>	@ <u>7.50</u>	<u>755.00</u>
GEL	<u>13</u>	@ <u>20.21</u>	<u>263.25</u>
CHLORIDE		@	
ASC		@	
<u>F10 seal 63 lbs</u>		@ <u>2.45</u>	<u>154.35</u>

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HANDLING	<u>413</u>	@ <u>2.25</u>	<u>929.25</u>
MILEAGE	<u>SK/mi 10</u>		<u>1817.20</u>
TOTAL			<u>5944.00</u>

## SERVICE

DEPTH OF JOB	<u>1159.00</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	<u>44</u> @ <u>7.50</u> <u>330.00</u>
MANIFOLD	<u>yes</u> @

TOTAL 1489.00

## PLUG & FLOAT EQUIPMENT

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