

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM ORIGINAL  
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>11/07/06</u>	<u>11/24/06</u>	<u>11/25/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15-195-22,407-00-00  
County: TREGO

NE NW Sec. 27 Twp. 13 S. R. 21  East  West  
606 feet from S / N (circle one) Line of Section  
1810 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: CRYSTAL Well #: 1-27  
Field Name: WILDCAT

Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2333' Kelly Bushing: 2341'  
Total Depth: 4175' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 222.78 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set Port Collar @ 1675 Feet  
If Alternate II completion, cement circulated from NONE  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan PA A H II NH 0-30-08  
(Data must be collected from the Reserve Pit)  
Chloride content 16,000 ppm Fluid volume 300 bbls  
Dewatering method used EVAPORATION

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

**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: 03/06/07  
Subscribed and sworn to before me this 6 day of March  
20 07  
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

**RECEIVED**  
**MAR 08 2007**

**MICHELE L. MEIER**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 7/28/09

**KCC WICHITA**

Operator Name: DOWNING-NELSON OIL COMPANY, INC Lease Name: CRYSTAL Well #: 1-27  
 Sec. 27 Twp. 13 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 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:  <b>Sonic, Micro, Dual Induction, Dual Receiver and Compensated Density</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>TOP ANHYDRITE</td> <td>1702</td> <td>+639</td> </tr> <tr> <td>BASE ANHYDRITE</td> <td>1746</td> <td>+595</td> </tr> <tr> <td>TOPEKA</td> <td>3404</td> <td>-1063</td> </tr> <tr> <td>HEEBNER</td> <td>3633</td> <td>-1292</td> </tr> <tr> <td>TORONTO</td> <td>3655</td> <td>-1313</td> </tr> <tr> <td>LKC</td> <td>3671</td> <td>-1330</td> </tr> <tr> <td>BKC</td> <td>3918</td> <td>-1577</td> </tr> <tr> <td>MARMATON</td> <td>3994</td> <td>-1653</td> </tr> </table>	Name	Top	Datum	TOP ANHYDRITE	1702	+639	BASE ANHYDRITE	1746	+595	TOPEKA	3404	-1063	HEEBNER	3633	-1292	TORONTO	3655	-1313	LKC	3671	-1330	BKC	3918	-1577	MARMATON	3994	-1653
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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
<b>SURFACE</b>	12 1/4"	8 5/8"	20	222.78	COMMON	150	2% Gel & 3% CC
<b>Production St.</b>	7 7/8	5 1/2	14	4174.17	EA/2	150	

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	4089' to 4093'	30 sx Common Cement with Slickem	4089'-4093'
4	4006' to 4010'	500 GALLONS 15% MUD ACID	4006'-4010'
4	4077' TO 4080'	250 GAL. OF 7.5% ACID, 500 Gal. 15% Mud Acid	4077'-4080'
		1500 GAL. 7 1/2% INS ACID	4077'-4080'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input 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 <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	Production Interval <input type="checkbox"/> Other (Specify) _____
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Downing & Nelson Oil Company  
PO Box 372  
Hays, KS 67601

API No. 15-195-22,407-00-00

Crystal #1-27

27-13-21

Continuation of Tops

Name	Top	Datum
Cherokee Shale	4034	-1693
Cherokee Sand	4077	-1736
Conglomerate Chert/Sand	4088	-1747
Arbuckle	4124	-1783

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MAR 08 2007  
KCC WICHITA



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



# Invoice

DATE	INVOICE #
11/24/2006	11156

**PAID DEC 21 2006**

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

# 5122

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	Crystal	Trego	Discovery Drilling...	Oil	Development	Cement LongStri...	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	4.00	160.00
578D-L	Pump Charge - Long String - 4175 Feet				1	Job	1,250.00	1,250.00
281	Mud Flush				500	Gallon(s)	0.75	375.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	26.00	52.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	310.00	310.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	235.00	235.00T
402-5	5 1/2" Centralizer				7	Each	80.00	560.00T
403-5	5 1/2" Cement Basket				1	Each	280.00	280.00T
404-5	5 1/2" Port Collar				1	Each	2,300.00	2,300.00T
419-5	5 1/2" Rotating Head Rental				1	Each	250.00	250.00T
325	Standard Cement				150	Sacks	11.00	1,650.00T
284	Calseal				7	Sack(s)	30.00	210.00T
283	Salt				750	Lb(s)	0.20	150.00T
285	CFR-1				70	Lb(s)	4.00	280.00T
276	Flocele				38	Lb(s)	1.25	47.50T
581D	Service Charge Cement				150	Sacks	1.10	165.00
583D	Drayage				313.16	Ton Miles	1.00	313.16
	Subtotal							8,587.66
	Sales Tax Trego County						5.80%	388.57

Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!	<b>Total</b>	\$8,976.23
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RECEIVED

MAR 08 2007

KCC WICHITA

Allied Cementing Co., Inc  
P.O. Box 31

Russell, KS 67665

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\* I N V O I C E \*  
\*\*\*\*\*

Invoice Number: 105622

Invoice Date: 11/29/06

# 5090

Sold Downing Nelson Oil Co. Inc  
To: P. O., Box 372  
Hays, KS  
67601

PAID DEC 21 2006

Cust I.D.....: Down  
P.O. Number...: Crystal 1-27  
P.O. Date.....: 11/29/06

Due Date.: 12/29/06  
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	10.6500	1704.00	T
Gel	3.00	SKS	16.6500	49.95	T
Chloride	5.00	SKS	46.6000	233.00	T
Handling	168.00	SKS	1.9000	319.20	E
Mileage	50.00	MILE	15.1200	756.00	E
168 sks @.09 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Mileage pmp trk	50.00	MILE	6.0000	300.00	E

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of 417.71  
ONLY if paid within 30 days from Invoice Date

Subtotal: 4177.15  
Tax.....: 115.24  
Payments: 0.00  
Total....: 4292.39

417.71  

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3874.68

RECEIVED  
MAR 08 2007  
KCC WICHITA