

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30717
Name: Downing Nelson Oil Company Inc.
Address 1: P.O. Box 372
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Ron Nelson
Phone: (785) 621-2610
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Ron Nelson
Purchaser: Coffeyville Rescources
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SIOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
11/10/09 11/15/09 11/16/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-25,928-00-00
Spot Description: 30'N & 20' E of
S/2 SW NW Sec. 30 Twp. 13 S. R. 20 East West
2280 Feet from North / South Line of Section
680 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Pfeifer Well #: 2-30
Field Name: Kaiser
Producing Formation: LKC
Elevation: Ground: 2317' Kelly Bushing: 2325'
Total Depth: 4075' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 217 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1638 Feet
If Alternate II completion, cement circulated from: 1638
feet depth to: surface w/ 200 sks

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 16,00 ppm Fluid volume: 240 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.: _____

AH2-Dlg - 2/12/10 ^{sx cm}

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.

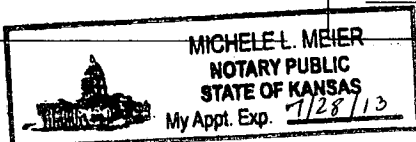
Signature: [Signature]
Title: Vice President Date: 02/05/10
Subscribed and sworn to before me this 5 day of February,
20 10.
Notary Public: Michele L Meier
Date Commission Expires: 7/28/13

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution

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FEB 11 2010



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Operator Name: Downing Nelson Oil Company Inc. Lease Name: Pfeifer Well #: 2-30
 Sec. 30 Twp. 13 S. R. 20 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 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: Micro, Sonic, Compensated Density/Neutron and Dual Induction	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Top Anhydrite</td> <td>1650'</td> <td>+676</td> </tr> <tr> <td>Base Anhydrite</td> <td>1694'</td> <td>+632</td> </tr> <tr> <td>Topeka</td> <td>3333'</td> <td>-1007</td> </tr> <tr> <td>Heebner</td> <td>3567'</td> <td>-1241</td> </tr> <tr> <td>Toronto</td> <td>3585'</td> <td>-1259</td> </tr> <tr> <td>LKC</td> <td>3604'</td> <td>-1278</td> </tr> <tr> <td>BKC</td> <td>3856'</td> <td>-1530</td> </tr> </table>	Name	Top	Datum	Top Anhydrite	1650'	+676	Base Anhydrite	1694'	+632	Topeka	3333'	-1007	Heebner	3567'	-1241	Toronto	3585'	-1259	LKC	3604'	-1278	BKC	3856'	-1530
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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 1/4	8 5/8	20	217	Common	150	2% Gel & 3% CC
Production String	7 7/8	5 1/2	14	4075.62	EA/2	150	
			DV Tool @	1638	SMDC	200	

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	3961' - 3963'	100 gal. 15% Mud Acid	3961' - 3963'

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>4006.27'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>01/12/10</u>		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. <u>40</u>	Gas Mcf <u>0</u>	Water Bbls. <u>5</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Downing & Nelson Oil Company
PO Box 372
Hays, KS 67601

API No. 15-051-25,928-00-00

Pfeifer #2-30

30-13-20w

Continuation of Tops

Name	Top	Datum
Marmaton	3910'	-1584
Cherokee Shale	3947'	-1621
Arbuckle	3962'	-1636

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ALLIED CEMENTING CO., LLC. 041281

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

DATE <u>11-10-09</u>	SEC. <u>30</u>	TWP. <u>#13</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 p.m.</u>	JOB FINISH <u>3:30 p.m.</u>
LEASE <u>PFEIFER</u>	WELL # <u>2.30</u>	LOCATION <u>Ellis 1S 2w 1 1/2S Binto</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Discovery #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 217

CASING SIZE 8 5/8 20# DEPTH 217

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 BCL

OWNER _____

CEMENT AMOUNT ORDERED 150 Com 30% LK 20/60CL

COMMON	<u>150</u>	@	<u>13.50</u>	<u>2025.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>75</u>	@	<u>2.25</u>	<u>168.75</u>
MILEAGE	<u>110 1/2 mile</u>			<u>300.00</u>
TOTAL				<u>2812.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Matt

BULK TRUCK

410 DRIVER John

BULK TRUCK

_____ DRIVER _____

REMARKS:

8 5/8 Casing on bottom. Est Circulation.

Mix Cement & Displace plugs

Cement Circulated!

Thanks!

CHARGE TO: Downing/Nelson

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 20 @ 7.00 140.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

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PLUG & FLOAT EQUIPMENT

TOTAL 1131.00

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

SWIFT Services, Inc.

DATE 11-16-09 PAGE NO. 1

Browning & Nelson

WELL NO. #230

LEASE Pfeifer

JOB TYPE 2-stage

TICKET NO. 16771

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1620							on loc w/ FE
								RTD 4075'
								5 1/2" x 14" x 4075' x 19'
								Cent 1, 2, 5, 7, 9, 12, 58
								Baskets 57
								DV 59 @ 1638'
	1710							Start FE
	1845							Break Circ
	1930	3.5	0			200		Start Mud Flush
		3.5	12/0			200		start KCL flush
	1939	5	20/0			250		start Cement 150 sks EA-2
	1946		86					End Cement
								Wash P&L / Drip L.D. Plug
	1950	6	0					Start Displacement
		5						Catch Cement / start KCL Flush
	2008		99					Land Plug
								Release Pressure / Float Held
	2009							Drop Opening Plug
	2010	2.5	7/4					Plug RH & MH 35 sks SMD
	2019					1100		Open DV
	2020	5	0					Start Cement 165 sks SMD
	2042		91					End Cement
								Drop Closing Plug
	2045	5	0			100		Start Displacement
		4	0			100		circ cement
		4	8			150		catch Cement
	2055		40					Land Plug
								Close DV Tool
								Release Pressure / DV Closed
								1 circ 70 sks to pit
								Thank you
								Neck, Josh F, + Rob

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