

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32109  
Name: Dakota Production Company, Inc.  
Address 1: P.O. Box 350  
Address 2: \_\_\_\_\_  
City: Neodesha State: KS Zip: 66757 + \_\_\_\_\_  
Contact Person: Doug Shay  
Phone: ( 620 ) 325-3909  
CONTRACTOR: License # 330712  
Name: Well Refined Drilling Co., Inc.  
Wellsite Geologist: Dick Cornell  
Purchaser: Oneok

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
 Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

*luc*  
*12/2/09*  
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.: \_\_\_\_\_  
06-29-09      06-30-09      08-06-09  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 205-27775-0000  
Spot Description: Wilson  
\_\_\_\_\_ NW \_\_\_\_\_ NE Sec. 22 Twp. 30 S. R. 16  East  West  
4930 Feet from  North /  South Line of Section  
2290 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Wilson  
Lease Name: Forslund Well #: 22-1  
Field Name: Neodesha  
Producing Formation: Tucker  
Elevation: Ground: N/A Kelly Bushing: \_\_\_\_\_  
Total Depth: 944 Plug Back Total Depth: 939'  
Amount of Surface Pipe Set and Cemented at: 22' 10" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 939  
feet depth to: Surface w/ 105

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: N/A ppm Fluid volume: 100 bbls  
Dewatering method used: Trucked  
Location of fluid disposal if hauled offsite:  
Operator Name: Consolidated Oilwell Services  
Lease Name: Consolidated License No.: 31440  
Quarter \_\_\_\_\_ Sec. 30 Twp. 29 S. R. 18  East  West  
County: Neosho Docket No.: D-28615

*A/FZ-Dlg-1/26/10* sk cmt.

**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: President Date: 12-15-09  
Subscribed and sworn to before me this 15 day of DECEMBER  
20 09.  
Notary Public: [Signature]  
Date Commission Expires: Aug 3, 2013

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

**KATHLEEN M. CHIPS**  
Notary Public - State of Kansas  
My Appt. Expires 8/3/2013

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Operator Name: Dakota Production Company, Inc. Lease Name: Forslund Well #: 22-1  
 Sec. 22 Twp. 30 S. R. 16  East  West County: Wilson

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run: <b>Density, Induction, GR-N</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum <b>See Attached Drilling Log</b>
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*12/29/09*

CASING RECORD <input 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	12.25	8.625	22	22' 10"	Portland	8	
Production	6.75	4.5	9.5	939'	Thick Set	105	

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
3	882'- 887'	200 gal. 15% HCL	
		3 sx. 20/40 Sand	
		25 sx 12/20 Sand	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>N/A</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.	Gas Mcf <u>-0-</u>	Water Bbls. <u>100</u>
		Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	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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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 21330

LOCATION EUREKA

FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-1-09	2294	Forslund 22-1	22	305	166	Wilson
CUSTOMER Danota Production Company Inc			Co. Tools			
MAILING ADDRESS 112 South 5 <sup>th</sup> Street			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Neodesha			463	Shannon		
STATE KS			543	Dane		
ZIP CODE 66757						

JOB TYPE <u>longstring</u>	HOLE SIZE <u>6 3/4"</u>	HOLE DEPTH <u>944'</u>	CASING SIZE & WEIGHT <u>4 1/2"</u>
CASING DEPTH <u>939'</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT <u>13' #</u>	SLURRY VOL <u>31 bbl</u>	WATER gal/sk <u>8.0</u>	CEMENT LEFT in CASING <u>0'</u>
DISPLACEMENT <u>15 Bbl</u>	DISPLACEMENT PSI <u>400</u>	MIX PSI <u>800</u>	RATE

REMARKS: Safety meeting. Rig up to 4 1/2" casing w/ washboard. Break circulation w/ 20 Bbl fresh water. Washdown 5' to PBTD. Pump to sus gel-flush 10 Bbl water spacer, 8 Bbl dye water. Mixed 105 sus thickset cement w/ 5" Kal-seal @ 1/2" 1/4" florete @ 13.4" PPM yield 169. Washout pump + lines shut down release latch down plug. Displace w/ 15 Bbl fresh water. Final pump pressure 400 PSI. Pump plus to 800 PSI wait 2 minutes release pressure. Start hold. Good cement returns to surface = 2 Bbl slurry to pit. Job complete. Rig down.

Thank You

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	50	MILEAGE	3.45	172.50
1126A	105 sus	thickset cement	11.00	1160.00
1166A	525"	5" Kal-seal PPM	.39	204.75
1167	25"	1/4" florete PPM	1.97	49.25
1118A	300"	gel-flush	16	48.00
5407A	3.78	ton-mileage bull tr	1.16	335.24
		4 1/2" latch down plug furnished		
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			subtotal	3359.74
			SALES TAX	124.27
			ESTIMATED TOTAL	3484.01

Ravin 3737

AUTHORIZATION Bob Small

TITLE

DATE

**Well Refined Drilling Company, Inc.**

4230 Douglas Road - Thayer, KS 66776

Contractor License # 33072

620-839-5581 Office; 620-432-6170 Jeff Cell; 620-839-5582 FAX



Rig #:	2	Lic # 32109	S22	T30S	R16E
API #:	15-205-27775-0000		Location	NW,NW,NE	
Operator:	Dakota Producton Company, Inc.		County	Wilson	

112 S. 5th		Neodesha, KS 66757		<b>Gas Tests</b>		
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Well #:	22-1	Lease Name:	Forslund	Depth	Oz.	Orifice	flow - MCF
Location:	4930	FSL	Line	303	2	1/4"	2.37
	2290	FEL	Line	528	1	1/4"	1.68
Spud Date:	6/29/2009			553	9	1/4"	5.05
Date Completed:	6/30/2009			619	7.5	1/4"	4.45
Driller:	Josiah Kephart			640	1.5	3/4"	16.8
<b>Casing Record</b>	<b>Surface</b>	<b>Production</b>		703	2.5	3/4"	21.9
Hole Size	12 1/4"	6 3/4"		803	1	3/4"	14.2
Casing Size	8 5/8"			828	1	3/4"	14.2
Weight				853	3	3/4"	24.5
Setting Depth	22' 10"			878	2	3/4"	20
Cement Type	Portland			903	3	1 1/2"	121
Sacks	8						
Feet of Casing							
Rig Time	Work Performed						

09LF-063009-R2-015-Forslund 22-1-Dakota Production

**Well Log**

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	Overburden	258	263	shale	539	540	coal
2	15	clay	263	265	blk shale	540	542	lime
15	60	shale	265	273	shale	542	554	shale
60	62	lime	273	291	lime	554	555	coal
62	98	shale			oil odor	555	556	lime
98	141	lime	291	307	shale	556	573	shale
141	141.6	coal	307	316	lime	573	583	sand
141.6	259	shale	316	326	shale	583	587	lime
259	152	lime	326	328	coal	587	591	shale
152	158	shale	328	381	shale	591	608	lime
158	173	sand	381	392	lime	608	618	shale
173	174	coal	392	439	shale	618	628	lime
174	196	sand	439	440	coal	628	632	shale
196	197	coal	440	507	shale	632	633	coal
197	216	shale	507	509	coal	633	683	shale
216	232	lime	509	536	lime	683	684	coal
232	245	shale	536	538	shale	684	688	shale
245	258	lime	538	539	lime	688	690	lime

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Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
690	707	shale						
707	708	coal						
708	727	shale						
727	728	coal						
728	737	shale						
737	740	sand						
740	741	coal						
741	817	shale						
817	828	sand						
		odor						
828	843	shale						
843	844	coal						
844	864	shale						
864	944	sand						
864		oil odor						
878		oil odor						
944		Total Depth						

Notes:

09LF:063009;R2:015:Forslund:22-1:Dakota Production

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