

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 6039
 Name: L. D. Drilling, Inc.
 Address: 7 SW 26th Avenue
 City/State/Zip: Great Bend, KS 67530
 Purchaser: NCRA
 Operator Contact Person: L. D. Davis
 Phone: (620) 793-3051
 Contractor: Name: Sterling Drilling Co
 License: 5142
 Wellsite Geologist: Kim Shoemaker

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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. _____

<u>11-3-4</u>	<u>11-11-04</u>	<u>11-18-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 009-24806-00-00
 County: Barton
NW SE SW NW Sec. 31 Twp. 20 S. R. 12 East West
2200 feet from S / (N) (circle one) Line of Section
805 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE (NW) SW
 Lease Name: Doonan Well #: 1-31
 Field Name: Rolling Green East

Producing Formation: Kansas City
 Elevation: Ground: 1853' Kelly Bushing: 1862'
 Total Depth: 3600 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 323 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan All 1 per 1-13-05
 (Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 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: Bease Dowdoff
 Title: Sec/Treas. Date: 1-10-05

Subscribed and sworn to before me this 10 day of January,
 20 05.

Notary Public: Rashell Patten
 Date Commission Expires: 2-2-07



KCC Office Use ONLY

No Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: L. D. Drilling, Inc. Lease Name: Doonan Well #: 1-31
 Sec. 31 Twp. 20 S. R. 12 East West County: Barton

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:

Dual Compensated Porosity Log
 Dual Induction Log
 Sonic Cement Bond Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	Anhydrite 679 +1183	
	Chase 1636 +226	
	Windfield 1691 +171	
	Neva 2146 +284	
	Red Eagle 2212 -284	
	Heebner 3086 -1224	
	Brown Lime 3208 -1346	
	(more log tops on attached)	

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"		323'	60/40 Poz	275	3% cc, 1/4# cell-flake
Production	7 7/8"	5 1/2"	14#	3598'	AA-2(common)	150/15 RH	10% salt, 5# Gil, 8% Fla-322

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	3293-3297		

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3575'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11-19-04	<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
	100		0		

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

DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC. LEASE: Doonan #1-31 Farmout
 NW SE SW NW Sec 31-20-12 W
 WELLSITE GEOLOGIST: KIM SHOEMAKER Barton Co., Kansas
 CONTRACTOR: Sterling Drilling Company ELEVATION: GL: 1853' KB: 1862'
 SPUD: 11/03/04 @ 2:00 pm PTD: 3550'
 SURFACE: Ran 10 jts 8 5/8" Surface Casing, Set @ 323' w/275 sx 60/40 Pozmix 3% CC & 1/4# Cell-Flake, Plug Down @ 12:15 am 11/04/04 by Acid Services
 Cement did Circulate

11/03/04 Move Rig In and Spud
 11/04/04 323' WOC
 11/05/04 1700' for DST #1
 11/06/04 2250' CFS
 11/07/04 2950 Drilling
 11/08/04 3303' Trip in w/tool for DST #2
 11/09/04 3373' for DST #3
 11/10/04 3462' Circulating for Arbuckle
 Will drill to 3507' & Run DST #5
 11/11/04 To Run 5 1/2"
 ** Ran 84 jts of new 5 1/2" Casing, tally 3600' & set @ 3598'
 Cemented w/ 150 sx AA-2 (Common), 10% salt,
 1% defoamer, 25% friction reducer, 8% FLA-322, 5# Gilsonite
 & 75% gas block. Plug Down @ 7:00 pm on 11/11/04.
 By Acid Services, Plugged rathole w/ 15sx, no mousehole.
 *** Note chgs in Jts & csg
 Will Run Cased hole log on Monday, Nov 15th
 -- Moving in used Tank Battery Today
 --- Will run lead line Mondy; weather permitting
 -PERFORATE MID WEEK

DST #1 1594 - 1700 Chase/Windfield

TIMES: 30-45-45-60
 BLOW: 1st Open: bb 10 min
 2nd Open " dec to 5'
 RECOVERY: 200' vswcm, 2% w, 98% m
 IFP: 42-575 ISIP: 405
 FFP: 96-147 FSIP: 438
 TEMP: 77 Degrees

DST #2 3212 - 3303 Lansing A F

TIMES: 30-45-45-60
 BLOW: 1st Open: bb Immediately, gts 5 min
 2nd Open in 10 min 25 mcf, 30 min 11 mcf
 RECOVERY: 2800' CGO 20% g, 80% o, 32 gravity
 120' MGO 10% m, 20% g, 70% o
 IFP: 539-868 ISIP: 916
 FFP: 876-917 FSIP: 921
 TEMP: 106

DST #3 3341 - 3373' Lansing / KC H-I

TIMES: 30-45-45-60
 BLOW: 1st Open: bb 1 min; gas to surf 6 min.
 8.7 mcf, blt to 10 mcf
 2nd Open gas to surf through out 6 mcf
 RECOVERY: 1300' cgo, 10% g, 90% oil, 35 grav
 120' mgo, 10% mud, 20% g, 70% oil
 IFP: 83-224 ISIP: 956
 FFP: 260-397 FSIP: 941
 TEMP: 107 degrees

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DAILY DRILLING REPORT

OPERATOR: L.D. DRILLING, INC.

LEASE: Doonan #1-31 Farmout
NW SE SW NW Sec 31-20-12 W
Barton Co., Kansas

WELLSITE GEOLOGIST: KIM SHOEMAKER

CONTRACTOR: Sterling Drilling Company

ELEVATION: GL: 1853' KB: 1862'

SPUD: 11/03/04 @ 2:00 pm

PTD: 3550'

SAMPLE TOPS:

Anhydrite	687-709'	+1175	
Chase	1635	+227	
Windfield	1690	+172	
Neva	2144	-282	
Red Eagle	2212	-356	
Heebner	3088	-1226	+5 abd prod
Brown Lime	3208	-1346	+12
Lansing	3224	-1362	
Base K/C	3428	-1566	
Cong	3447	-1585	
Arbuckle	3487	-1625	15' low to east 21' hi to south

DST #4 3372 - 3400 LKC J zone

TIMES: 30-45-45-60

BLOW: 1st Open: 2" bbl
2nd Open 1" bbl

RECOVERY: 250' vsocmw, 3% o, 15% m
82% Water, Chl 64,000

IFP: 39-86 ISIP: 1005

FFP: 92-149 FSIP: 1003

TEMP:

DST #5 3496 - 3511' Arbuckle

TIMES: 30-30-30-30

BLOW: 1st Open: Died 20 min
2nd Open Died 2 min

RECOVERY: 5' hocm, 30% oil, 70% mud

IFP: 31-32 ISIP: 65

FFP: 33-34 FSIP: 49

TEMP: 99 degrees

LOG TOPS:

Anhydrite	679	+1183
Chase	1636	+226
Windfield	1691	+171
Neva	2146	+284
Red Eagle	2212	-284
Heebner	3086	-1224
Brown Lime	3208	-1346
Lansing	3223	-1361
Base K/C	3434	-1572
Cong	3447	-1585
Arbuckle	3491	-1629
LTD	3602	-1740
RTD	3600	

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INVOICE NO.
Date 11-11-04
Customer ID

Subject to Correction

FIELD ORDER 9052

Lease Doonan	Well # 1-31	Legal 31-205-12W
County Barton	State KS.	Station Pratt
Depth 3600'	Formation	Shoe Joint 11.76'
Casing 5 1/2" 14#/ft.	Casing Depth 3600'	TD 3600'
Customer Representative L. D. Davis		Treater Clarence R. Messick

CHARGE

L. D. Drilling

AFE Number	PO Number
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Materials Received by **X L D Davis**

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-205	150 st.	AA-2 (common)	-			
D-203	25 st.	60/40 Poz (common)	-			
C-221	782 lb.	Salt (Fine)	-			
C-243	15 lb.	Defoamer	-			
C-244	36 lb.	Cement Friction Reducer	-			
C-195	113 lb.	FLA-322	-			
C-321	750 lb.	Gilsonite	-			
C-312	106 lb.	Gas Blot	-			
C-141	2 gal.	CC-1	-			
C-302	500 gal.	Mud Flush	-			
F-101	6 ea.	Turbolizer, 5 1/2"	-			
F-231	1 ea.	Flapper Type Insert Floar Valve, 5 1/2"	-			
F-143	1 ea.	Top Rubber Cement Plug, 5 1/2"	-			
F-191	1 ea.	Guide Shoe, Regular, 5 1/2"	-			
E-100	50 mi.	Heavy Vehicle Mileage	1-Way			
E-101	50 mi.	Pickup Mileage	1-Way			
E-104	409 TM.	Bulk Delivery				
E-107	175 st.	Cement Service Charge				
R-208	1 ea.	Casing Cement Pump, 3501'-4000'				
R-701	1 ea.	Cement Head Rental				
		Discounted Price =		\$6,805.61		
		Plus taxes				

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10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383 TOTAL



TREATMENT REPORT

Customer ID	Date
Customer L.D. Drilling	11-11-04
Lease Doonan	Lease No.
Well # 1-31	County Barton
Field Order # 9052	Station Pratt
Casing 5 1/2" 14#/ft.	Depth 3600'
Type Job Cement-Long String- New Well	State KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2" 14#/ft.	Tubing Size	Shots/Ft		Cement		RATE	PRESS	ISIP
Depth 3600'	Depth	From	To	150 sacks AA-2 (common) with				
Volume	Volume	From	To	10% salt, 1% Deformer, 2% reducer, 2% FLA-322, 5#/ft	Max Friction			5 Min.
Max Press	Max Press	From	To	.75% Gas blot mixed at	Min			10 Min.
Well Connection Plug Cont	Annulus Vol.	From	To	15#/gal., 6.25 gal./stk., 1.4% flush	Avg			15 Min.
Plug Depth	Packer Depth	From	To		HHP Used cuft/stk.			Annulus Pressure
					Gas Volume			Total Load

Customer Representative L.D. Davis	Station Manager Dave Autry	Treater Clarence R. Messick
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Service Units	109	2206	381	572
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Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:30					Cementer on location to run float Equipment
4:00					Sterling Drilling start to run 84' of new 14#/ft 5 1/2 casing. Run regular guide shoe, 12' shoe joint with auto fill insert in top of shoe joint. Put turbolizers on joints # 1, 3, 5, 7, 9, 11.
4:45					Trucks on location and hold safety meeting
6:00					Casing in well and break circulation with rig mud pump
6:15	350		20	5	Start pre-flushes, 2% HCL
6:19			12	6	Mud Flush
6:21			9	6	H ₂ O spacer
6:22	250		38	6	Start to mix 150 sacks AA-2 cement
6:29					Stop pumping, release plug and wash pump & lines
6:40	100			6	Start Displacement
7:00			88		Plug down, release pressure & insert held
7:05			5	2	Plug mouse hole
7:20					Job Complete
					Thanks
					Clarence R. Messick

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