

**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: Val Energy, Inc.
 License: 5822
 Wellsite Geologist: Kim Shoemaker
 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>12-16-04</u>	<u>12-23-04</u>	<u>12-30-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 185-23282-00-00
 County: Stafford
SW - NE - NW - _____ Sec. 21 Twp. 21 S. R. 13 East West
900 feet from S (circle one) Line of Section
1690 feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE (NW) SW
 Lease Name: Samuel Well #: 1
 Field Name: Shaeffer - Rothgarn
 Producing Formation: Arbuckle
 Elevation: Ground: 1899 Kelly Bushing: 1905
 Total Depth: 3700 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 367 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
 (Data must be collected from the Reserve Pit) *ALT I with 6-21-07*
 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: Bessie Newkiff
 Title: Sec/Treas. Date: 1-25-05
 Subscribed and sworn to before me this 25th day of January,
 20 05.
 Notary Public: Rashell Patten
 Date Commission Expires: 2-2-07

Rashell Patten
 NOTARY PUBLIC - STATE OF KANSAS
 Rashell Patten
 My Appt. Exp. 2-2-07

KCC Office Use ONLY

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

Operator Name: L. D. Drilling, Inc. Lease Name: Samuel Well #: 1
 Sec. 21 Twp. 21 S. R. 13 East West County: Stafford

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:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3228	-1323
Brown Lime	3352	-1447
Lansing	3364	-1459

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	367'	60/40 poz	350	2% gel 3% cc 1/4 cel.
Production	7 7/8"	5 1/2"		3700'	AA-2/60/40 Common	150/25	Gil, Salt

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

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TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	3697'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
1-1-05			<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: Samuel #1
 90' N & 40' E of SW NE NW
 WELLSITE GEOLOGIST: KIM SHOEMAKER Section: 21-21-13 W
 Stafford County, Kansas
 CONTRACTOR: Val Energy Inc. ELEVATION: GR: 1899
 KB: 1905
 SPUD: 12-16-04 2:30 A.M. PTD: 3650'
 SURFACE: Ran 10 jts 28# used 8 5/8" Surface Casing, Tally 354' Set @ 367'
 w/350 sx 60/40 Pozmix 2% Gel 3% CC, Plug Down @ 5:45 a.m. 12-17-04
 Did Circulate by Acid Service

12-16-04 Rigging Up & Rig Repairs
 12-16-04 97' and Drilling
 12-17-04 370' WOC
 12-18-04
 12-19-04
 12-20-04 2915' Drilling
 12-21-04 3445' Drilling
 12-22-04 3641' Drilling Trip in after DST #1
 12-23-04 3700' Pulling DST #2
 Preparing to Run 5 1/2" Production Casing

DST #1 3581 - 3641 Conglomerate
 TIMES: 15-30-5-0
 BLOW: 1st Open: Weak Surface blow 6 min
 2nd Open: no blow
 RECOVERY: 25' drilling mud
 IFP: 56-57 ISIP: 123
 FFP: 58-60 FSIP:
 TEMP: 101 degrees

DST #2 3632 - 3700' Arbuckle
 TIMES: 30-30-45-60
 BLOW: 1st Open: Strong Blow
 2nd Open:
 RECOVERY: 200' gip 2940' cgo
 60' frothy gassy oil
 IFP: 495-926 ISIP: 1193
 FFP: 974-1175 FSIP: 1219
 TEMP:

SAMPLE TOPS:

Heeb.	3228	-1323	-14 prod to N
Brown Lime	3352	-1447	-15
Lansing	3364	-1459	-14
Base Kansas City	3585	-1680	
Conglomerate Sand	3606	-1701	
Viola	3612	-1707	
Loner Simpson Sand	3636	-1731	
Arbuckle	3685	-1780	
RTD	3700	-1795	

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TREATMENT REPORT

Customer ID	Date
Customer: L.D. DELG.	12-16-04
Lease: SAMUEL	Lease No. _____ Well # _____

Field Order # 9179	Station PRATT	Casing 8 5/8	Depth 367	County STAFFORD	State Ks
Type Job 8 5/8	NEW WELL	Formation TD: 385	Legal Description 21-215-13W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 350 SKS 60/40 P02	RATE	PRESS	ISIP	
Depth 369	Depth	From	To	Pre Pad 3% CC 1/4" C.F.	Max		5 Min.	
Volume 22	Volume	From	To	Pad 14.5 #/GAL 1.25 #	Min		10 Min.	
Max Press 1200	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 354	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative Rick	Station Manager D. AULRY	Treater T. SEGA
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Service Units	123	226	346	571
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					called out 12-16-04
12:00					on loc w/ TRK's & SAFETY MTG
					Run 10 JT's 8 5/8 28" CSG USED
					SET @ 367
2:00 AM					START CSG 12-7-04
5:00 AM					CSG ON BOTTOM
5:10					Hook up to CSG & BREAK CIRC W/ REG
5:20	190		10	4	START Pumping 6 H2O
					START MIX Pump 350 SKS 60/40 P02
					2% GEL 3% CC 1/4" C.F. & 14.5 #/GAL
			77.9		SHUT DOWN RELEASE 8 5/8 WOODEN PLUG
5:40	100			4	START DESP
5:45	200		22	2	Plug down
5:46					CLOSE VALVE ON CSG
					GOOD CIRC TRK JO3
					CIRC CMT TO SURFACE RECEIVED
					150' 14 3/4 hole
					135' 12 1/4 hole
					JO3 COMPLETE
					THANKS

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INVOICE NO.
Date 12-23-04
Customer ID

Subject to Correction

FIELD ORDER 9137 ✓

Lease Samuel
County Stafford
Well # 1
State KS
Legal 21-215-13W
Station Pratt
Depth
Formation
Shoe Joint
Casing 5 1/2
Casing Depth
TD 3700
Job Type 5 1/2 L.S. New Well
Customer Representative L.O. Davls
Treater Bobby Drake

CHARGE L.O. Drilling Inc.

AFE Number
PO Number

Materials Received by X L.O. Davls

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	150sk.	AA2 (common)	-			
D203	25sk.	100/40 Por (common)	-			
C221	776lb.	Salt (fine)	-			
C243	15lb.	Deframer	-			
C244	36lb.	Cement Friction Reducer	-			
C195	113lb.	FLA-322	-			
C321	749lb.	Gilsonite	-			
C312	106lb.	Gas Blok	-			
C302	500gal	Mud Flush	-			
F101	5ea.	Turbolizer, 5 1/2	-			
E100	50mi.	Heavy Vehicle Mileage				
E101	50mi.	Pickup Mileage				
E104	413tm.	Bulk Delivery				
E107	175sk.	Cement service charge				
R208	1ea.	Cement Pump, 3501'-4000'				
R701	1ea.	Cement Head Rental				
		Discounted Price	6566.48			

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TOTAL



TREATMENT REPORT

Customer ID			Date		
Customer <i>L.O. Drilling Inc.</i>			<i>12-23-04</i>		
Lease <i>Samuel</i>		Lease No.		Well # <i>1</i>	
Field Order # <i>9137</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>	Depth	County <i>Stafford</i>	State <i>Ks.</i>
Type Job <i>5 1/2 L.S. New Well</i>			Formation	Legal Description <i>21-215-130</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft	<i>Cent.</i>	Acid <i>150 gals. AAZ</i>		RATE	PRESS	ISIP
Depth <i>3651</i>	Depth	From	To	Pre Pad <i>15.0 #/gal 1.44 ft³</i>		Max		5 Min.
Volume <i>89</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>3437</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>L.O. Davis</i>	Station Manager <i>Dave Autry</i>	Treater <i>Bobby Drake</i>
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Service Units	<i>119</i>	<i>380</i>	<i>457</i>	<i>335</i>	<i>571</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:00</i>					<i>On Location - Safety Meeting</i>
<i>2:30</i>					<i>Run Csg. - Cent. on 1, 3, 5, 7, & 9</i>
<i>6:30</i>					<i>Csg. on Bottom</i>
<i>6:35</i>					<i>Hook up to Csg. - Break Circ. w/ Rig</i>
<i>6:45</i>	<i>1200</i>				<i>Set Packer Shoe</i>
<i>6:47</i>	<i>150</i>		<i>12</i>	<i>3.0</i>	<i>Mud Flush</i>
<i>6:51</i>	<i>150</i>		<i>5</i>	<i>3.0</i>	<i>H₂O Spacer</i>
<i>6:53</i>	<i>200</i>		<i>38</i>	<i>4.0</i>	<i>Mix Cement @ 15.0 #/gal</i>
<i>7:06</i>					<i>Clear Pump & Lines - Release Plug</i>
<i>7:09</i>	<i>225</i>			<i>8.0</i>	<i>Start Disp.</i>
<i>7:17</i>	<i>700</i>		<i>60</i>	<i>7.6</i>	<i>Lift Pressure</i>
<i>7:20</i>	<i>1000</i>		<i>90</i>		<i>Plug Down</i>
<i>7:27</i>					<i>Plug Rat & Mouse Hole</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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