Amended

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

Name: L. D. Drilling, Inc. Address: 7 SW 28th Avenue County: Barton EZ. SW, NW Sec. 16 Twp, 19 S. R. 14	Operator: License #	API No. 15 - 009-24777-00-00
Address: 7 SW 26th Avenue City/State/Djc. Great Bend, KS 67530 1980	I D Drilling Inc	County: Barton
Seed Entrol Seed Floor Congress Control Congress Congress Control Congress Congres		E/2 _ SW_ NW Sec. 16 Twp. 19 S. R. 14 East V West
Operator Contact Person. — L. D. Davis Operator Contact Person. — L. D. Davis Confractor: Name: Vonfield Driling, Inc. License. 9431 Wellste Geologist. Jim Musgrove Designate Type of Completion: — New Well — Re-Entry — Workover — Oil — SWD — SIGW — Temp. ARRECE IVE Emount of Surface Pipe Set and Cemented at _ 833 — Feet Multiple Stage Cementing Collar Used? — Well Fill 1810 Dry — Other (Core, WSW, Expl., Cathodic, et JUN 1 8 200) If yes, show depth set _1897 — Pug Back Total Depth:		1980 feet from S / N circle one) Line of Section
Portion Contact Person: L. D. Davis		990 feet from E / (Circle one) Line of Section
Contractor: Name: Vonfeldt Drilling, Inc. License: 9431 License: 9431 Wellstite Geologist: Jim Musgrove Designate Type of Completion: Producing Formation: Herrington/Krider Elevation: Ground: 1904' Kelly Bushing: 1909' Total Depth: 3619 Pug Back Total Depth: 1810 Dry Other (Core, WSW, Eptl., Cathodic, et July 1 8 20 of the part of Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Gore of Core, WSW, Eptl., Cathodic, et July 1 8 20 of the Secondary o	Operator Contact Person: L. D. Davis	
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Wellste Goologist: Jim Musgrove Field Name: Heizer Froducing Formation: Herrington/Krider Flevation: Ground: 1904 Kelly Bushing: 1909 Total Depth: 3619 Pug Back Total Depth: 36		Lease Name: Canfield Well #: 1
Wellsite Geologist: Jim Musgrove Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp. ARECE IVE Brown to 15 Surface Pipe Set and Cemented at 833 Feet Multiple Stage Comenting Collar Used? Well Stage Comenting Collar Used? Other (Core, WSW, Expt., Cathodic, et JUN 1 8 20 Hz, Sandar Collar Used? Organia Comp. Date: Original Total Depth: Completion Commission and Surface Pipe Set and Cemented at 833 Feet Multiple Stage Comenting Collar Used? Well Name: Original Comp. Date: Original Total Depth: Commission Beach or Commission and Stage Commenting Collar Used? Plug Back Depth: Gore Commission Date or Recompletion Docket No. Other (SWD or Enhr.?) Doul Completion Docket No. Other (SWD or Enhr.?) Doul Completion Docket No. Other (SWD or Enhr.?) Doul Completion Date Reached TD Competion Date or Recompletion Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filled with the Kanasa Corporation Commission, 130 S. Market - Room 2078, Wichita, Kanasa 87202, within 120 days of the spud date, recompletion, workover or conversion of a well. Full 82-3-108, 82-3-108 and 82-3-107 apply. Information of skids two of this form will be held confidential for a pariod of 12 months). One copy of all wireline logs and geologist well report shall be attached with this 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 (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 (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 DE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-411 form with all temporarily abendoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry hav		
Designate Type of Completion: Well Mane: Original Comp. Date: Corminigled Doul Completion Other (SWD or Enh. 2) Doul Completion Doul Co	Wellsite Geologist: Jim Musgrove	Producing Formation: Herrington/Krider
New Well Re-Entry Workover Total Depth: 3619 Plug Back Total Depth: 1810		Elevation: Ground: 1904' Kelly Bushing: 1909'
Oil SWD SIOW Temp. APRECEIVE Multiple Stage Cementing Collar Used? Notary Public: Notar		· ·
Dry Other (Core, WSW, Expl., Cathodic, et JN 1 8 2004 if yes, show depth set 1887 Feel Multiple Stage Cementing Collar Used? Type Norward If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: KCC WIC If Workover/Re-entry: Old Well Info as follows: Multiple Stage Cementing Collar Used? If Workover/Re-entry: Old Well Info as follows: KCC WIC If Will Info as follows: If Workover/Re-entry: Old Well Info as follows: Multiple Stage Cementing Collar Used? If Workover/Re-entry: If Workov	•	
Dry Other (Core, WSW, Expl., Cathodic, ed. DN 18 2004 it yes, show depth set 1887 Feel if Workover/Re-entry: Old Well Info as follows: KCC WIC HTM ternate il completion, cement circulated from 1590 feet depth to 1750 w, 150 sx cmt. Well Name: Original Comp. Date: Criginal Total Depth: Commingled Comp. Date: Conv. to Enhr/SWD Plug Back Total Depth Depending Re-perf. Conv. to Enhr/SWD Plug Back Total Depth Docket No. Dual Completion Docket No. Dual Completion Docket No.	V Gas ENHB SIGN	Multiple Stage Comenting Coller Used?
If Workover/Re-entry: Old Weil Info as follows: KCC WICH Taternate II completion, cement circulated from 1590 feet depth to 1750	Other (Care WGW First Cathedia all IN 1 8 20	
Operator:	Other (Core, wsw, Expl., Cathodic, etc.) 14	reet
Well Name: Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to Enhr./SWD Plug Back Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Other (SWD or Enhr.?) Docket No. 12-20-03 12-30-03 Date Reached TD Completion Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filled 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 32-3130, 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 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 compiled with and the statements herein are complete and correct to the best of my knowledge. **NOTARY PUBLIC - STATE OF KANSAS** Drilling Fluid Management Plan - Articum the Reserve Pit) Author Chloride content ppm Fluid volume bbls Docket No		1750 150
Original Comp. Date:Original Total Depth:	•	feet depth tosx cmt.
Deepening		Drilling Fluid Management Plan Amended Low 10/07
Deepening Re-perf. Conv. to Enhr./SWD Plug Back Plug Back Total Depth Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 12-20-03 12-30-03 12-30-03 Spud Date or Recompletion Date Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichila, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Flule 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 tor 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: Secretary/Treasurer Date: 5-21-04 Notary Public: MOTARY PUBLIC-STATE of KANSAS	Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) All #
Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. 12-20-03 12-30-03 Spud Date or Recompletion Date 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 writine 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 compiled with and the statements herein are complete and correct to the best of my knowledge. Signature: Notary Public: Notary Public: STATE of KANSAS Continued of fixed disposal if hauled offsite: Operator Name: License No.:	Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
	Plug BackPlug Back Total Depth	Dewatering method used
	Commingled Docket No	
12-20-03 12-30-03 12-30-03 12-30-03 12-30-03 Date Reached TD Date Recompletion Date or Recompletion Date Date Recompletion Date Docket No.: County: Docket No.: East West County: Docket No.: Docket	Dual Completion Docket No	•
12-30-03 12-30-03 12-30-03 Date Reached TD Date Recompletion Date or Recompletion Date	Other (SWD or Enhr.?) Docket No	Operator Name:
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Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Flule 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: Secretary/Treasurer Date: 5-21-04 Subscribed and sworn to before me this day of Motary Public: STATE of KANSAS NOTARY PUBLIC - STATE of KANSAS Wireline Log Received Geologist Report Received UIC Distribution		County: Docket No.:
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Signature: Secretary/Treasurer Date: 5-21-04 Subscribed and sworn to before me this 218th day of Motary Public: Motary Public: Notary Public: NOTARY PUBLIC - STATE OF KANSAS KCC Office Use ONLY Letter of Confidentiality Received If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution	Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs	er or conversion of a well. Flule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
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Subscribed and sworn to before me this 2184 day of 150 molecular and sworn to be 150 molecular and 150	Signature: Desire Weuseff	KCC Office Use ONLY
Wireline Log Received Geologist Report Received UIC Distribution	Title: Secretary/Treasurer Date: 5-21-04	Letter of Confidentiality Received
20 04 . Wireline Log Received	Subscribed and sworn to before me this 2184 day of 100 LA	If Denied, Yes Date:
Notary Public: NOTARY PUBLIC - STATE OF KANSAS	— · · · · · · · · · · · · · · · · · · ·	Wireline Log Received
NOTARY PUBLIC - STATE OF KANSAS	20 <u>0-1</u> . On on on	Geologist Report Received
Date Commission Expires: 2-2-07 Rashell Patten		
Rasnew Patter	Date Commission Expires: 2-3-07 NOTARY PUBLIC - STATE	OF KANSAS
	Rashell Pa	tten

nailed 52104 52

Side Two

ORIGINAL

Operator Name: L. [D. Drilling, Inc.			Lease	e Name:_	Canfield		. Well #:1			
	19 S. R. 14	East	☑ West	Count	n						
tested, time tool ope temperature, fluid re	how important tops a n and closed, flowing covery, and flow rate s surveyed. Attach f	g and shut-i s if gas to s	n pressures, urface test, a	whether s long with	hut-in pre	essure reached	static level, hydro	static pressui	es, bottor	n hole	
Drill Stern Tests Take		✓ Ye	s No			og Formatio	on (Top), Depth a	op), Depth and Datum		Sample	
Samples Sent to Ge	ological Survey	☑ Ye	s □No		Nam	e		Тор)atum	
Cores Taken		— □ Ye									
Electric Log Run (Submit Copy)		✓ Ye			(See	Attached)					
ist All E. Logs Run:											
Dual Induction Dual Compensated Gamma Ray Neutro Sonic Cement Bone	on										
		Report		RECORD onductor, s		w Used ermediate, product	ion, etc.				
Purpose of String	Size Hole Drilled		Casing In O.D.)	We Lbs.	ight /Ft	Setting Depth	Type of Cement	# Sacks Used		nd Percent	
Surface	7 7/8	8 5/8		23#		832'	Johnstia	0000	1/4# flocele		
Production		5 1/2		14#		3619'		150	EA/2		
			ADDITIONAL	CEMENTI	ING / SOL	JEEZE RECORD					
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре с	f Cement	#Sacks				ercent Additives			
Shots Per Foot	PERFORATI	ON RECORD	- Bridge Plug	s Set/Type)	Acid, Frac	ture, Shot, Cement	Squeeze Reco	rd		
	Specify Footage of Each Interval Perforated					(Amount and Kind of Material Used) Depth					
2	6 shots 4" HEC 3543-3546					400 Gal 15% NEFE Acid 500 Gal 15% NE Acid					
2	12 shots 3306-3312 20 shots 1749-1759					1250 Gal 15% NEFE Acid					
2	16 shots 1768-1776										
	Plug @ 3360		er amen miritariya mashida sumada da da a masm								
TUBING RECORD	Size 2 7/8	Set At 1790'		Packer /	At	Liner Run	Yes No		L		
Date of First, Resumer 1-26-04	d Production, SWD or E	nhr.	Producing Meth		Flowing] Pumpin	g Gas Lift	Oth	er (Explain)	2	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 9000	Mcf	Wate	er Bt	ols. Ga	as-Oil Ratio	•	Gravity	
Disposition of Gas	METHOD OF C	OMPLETION				Production Interv	⁄al				
Vented Sold	Used on Lease	[Open Hole Other (Specia	Perl	ı. 🗆 c	Qually Comp.	Commingled				



DRILLERS WELL LOG

ORIGINAL

Date Commenced: December 20, 2003 Date Completed: December 30, 2003

L.D. Drilling, Inc. Canfield #1 E/2 SW NW Sec. 16-19S-14W

Barton County, Kansas

Elevation:

1904' G.L.

1909' K.B.

0 - 253' Lime

253 - 2350' Sand & Shale

2350 - 3281' Shale & Lime

3281 - 3620' Shale

3620' R.T.D.

FORMATION DATA

Anhydrite

830'

Surface Pipe: Set 23#, new, 8 5/8" casing @ 833' with 300 sacks Swift Multi Set Standard, 1/4# flocele.

Production Pipe: Set 14#, new, 5 1/2" casing with 150 sacks EA/2.

AFFIDAVIT

STATE OF KANSAS ss: **COUNTY OF RUSSELL**

Alan Vonfeldt of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Alan Vonfeldt

Subscribed and sworn to before me this 1th day of January

My Commission Expires:

August 30, 2007

NOTARY PUBLIC - State of Kansas CHERYL M. PAYNE
My Appt. Exp. 830-37