KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

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JPIO	Form ACO-1
16/1/2	September 1999 Form Must Be Typed
·'V4/	

Operator: License # 9313	API No. 15 - 099-24135-00-00
Name: James D. Lorenz	County: Labette
Address: 543A 22000 Road	
City/State/Zip: Cherryvale, Kansas 67335-8515	1650 feet from N (circle one) Line of Section
Purchaser: No pipeline available at this time	4290 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: James D. Lorenz	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 328-4433	(circle one) NE SE NW SW
Contractor: Name: L & S Well Service, L.L.C.	Lease Name: LORENZ Well #: 25
License: 33374	Field Name: Dartnell
Wellsite Geologist: none	Producing Formation: Bartlesville
Designate Type of Completion:	Elevation: Ground: 900 Kelly Bushing: 905
New Well Re-Entry Workover	Total Depth: 1006 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22' to 0' (8 5/8") Fee
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes V No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1002
Operator:	feet depth to surface w/ 15th sx cmt.
Well Name:	14. # 0 0 00
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+ II 7-9-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hare-CFISMED KANSAS CORPORATION COMMISSION
Other (SWD or Enhr.?) Docket No	Operator Name:
12/21/06 12/22/06 12/23/06	Lease Name: MAY 1 4 2007se No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter SecCONSERVATION DIVISION
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log-TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well-All requirements of the statutes, rules and regulations promulgated to regulations.	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
nerein are complete and correct to the best of my knowledge.	
Signature: Selen L. Snend	KCC Office Use ONLY
Title: Agent Date: 3-15-07	Letter of Confidentiality Received
is Marcia	If Denied, Yes Date:
• • • • • • • • • • • • • • • • • • • •	Wireline Log Received
20 <u>07</u> (hai a Baar)	Geologist Report Received
Notary Public: Y MA J. TVIWY	ISA J. LORENZ UIC Distribution
Date Commission Expires: 2-19-2008 Machine Expires	Public - State of Kansas pires 2-19 - 2008
My Appt. Exp	HIES OF TOTAL STUDY

- A A		•					
₽			Side Two		٠.		
Operator Name: Jan	nes D. Lorenz		Lease Name	LORENZ	*	Well #: 25	
Sec. 33 Twp. 3		✓ East	County: Labe			***	
INSTRUCTIONS: S tested, time tool ope temperature, fluid re	how important tops a in and closed, flowing covery, and flow rate:	and base of formations por grand shut-in pressures, s if gas to surface test, a sinal geological well site r	enetrated. Detail whether shut-in p long with final ch	all cores. Repo	l static level, hydr	ostatic pressure	es, bottom hole
Drill Stem Tests Take		☐ Yes 📝 No		Log Forma	tion (Top), Depth	and Datum	Sample
Samples Sent to Ge		∏Yes ✓ No	Na	me		Тор	Datum
Cores Taken	ological outvey	Yes No			•		
Electric Log Run		✓ Yes No			•		
(Submit Copy)				•			
List All E. Logs Run:							
Ortler's Log Open Hole Gemme Ray Neutron Diff Temp.				•		٠.	
		CASING Report all strings set-o	RECORD 🗸		ction, 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`	11"	8 5/8"	20.	20'-0'	Portland	6	
Production	6 3/4"	41/2"	1002'	1002'-0'	owc	1510	
			4 . 3				
<u> </u>		ADDITIONAL	CEMENTING / SO	QUEEZE RECOR	D		
Purpose:Perforate	Depth Top Bottom	Type of Cement	#Sacks Used Type and Percent Additives				
Protect Casing Plug Back TD			,				
Plug Off Zone		ų.					
	DEDEOD AT	ON RECORD - Bridge Plug	ne Cot/Time	Acid F	acture Shot Com-	ot Saucezo Becca	4
Shots Per Foot		Footage of Each Interval Per		(acture, Shot, Cemer Amount and Kind of M		Depth
1	3 1/8" Slick tag gun	(9 shots)		RECEIVED 820-			820-828'
1	1 3 1/8" Slick tag gun (9 shots) 832				832-840'		
				MAY	1 4 2007		
		-			ATION DIVISION CHITA, KS	· · · · · · · · · · · · · · · · · · ·	
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes No		, <u>I</u>
Date of First, Resume Awaiting pipeline	rd Production, SWD or E	nhr. Producing Met	hod Flow		oing Gas L	ift Othe	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf W	ater	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	COMPLETION	s.i.	· Production Inte	erval		
Vented Sold		Open Hole	Perf.	Dually Comp.	Commingled		
(If vented, S	ubmit ACO-18.)	Other (Speci	ify)	· · · · · · · · · · · · · · · · · · ·		·	

L S Well Service, L.L.C.# 33374 543 22000 ROAD CHERRYVALE, KANSAS 67335-8515 620-328-4433 OFFICE

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TICKET NUN	MBER_	20070	123
LOCATION	LB		_
FOREMAN	JL		

CEMENT TREATMENT REPOR	T
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STOMER					
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(7) SET FLOAT SHOE - SHUT IN RECEIVED KANSAS CORPORATION COMMIS		· ·			
KANSAS CORPORATION COMMITTEE	(A) SET FL	OAT SHOE - SHUT IN	١ .		RECEIVED
\mathbf{v}_{a}			· Markey	K	ANSAS CURPURATION COMMISSION

MAY 1 4 2007

CONSERVATION DIVISION

- a 1

Drill Log

James D. Lorenz .

Lorenz #25 S33, T31,R18 Labette Co, KS API#099-24135-0000

	•
0-2	DIRT
	SAND STONE
47.400	
	SHALE
	LIME
	BLACK SHALE
195-197	SHALE
197-199	LIME
199-213	SHALE
213-215	BLACK SHALE
215-260	LIME
	SHALE
	LIME
	BLACK SHALE
273-280	
280-305	
305-335	
	SANDY SHALE
	SHALE
	BLACK SHALE
	LIME
	BLACK SHALE
432-491	SHALE
491-520	LIME
520-524	BLACK SHALE
524-553	LIME
553-557	BLACK SHALE
557-560	LIME
560-591	SHALE
591-592	COAL
	SHALE
	SAND
	SANDY SHALE
656-657	
657-680	
680-698	
	SAND ODOR
705-830	SHALE
830-842	SANDY SHALE
842-846	SHALE
846-860	SAND
860-906	SANDY SHALE
906-910	BLACK SHALE
910-936	SHALE
936-962	SANDY SHALE
962-964	COAL
964-976	SHALE
070 4000	

976-1006

LIME

12-21-06 Drilled 11" hole and set 22' of 8 5/8" surface casing Set with 7 sacks Portland cement

12-22-06 Started drilling 6 3/4" hole

12-22-06 Finished drilling to T.D. 1006'

345' 20" ON 1/2" ORIFICE 435' 23" ON 1/2" ORIFICE 525' 25" ON 1/2" ORIFICE 556' 25" ON 1/2" ORIFICE 616' 25" ON 1/2" ORIFICE 646' 21" ON 1/2" ORIFICE 706' 21" ON 1/2" ORIFICE 736' 22" ON 1/2" ORIFICE 826' 22" ON 1/2" ORIFICE 916' 28" ON 1/2" ORIFICE 946' 28" ON 1/2" ORIFICE 976' 38" ON 1/2" ORIFICE

RECEIVED KANSAS CORPORATION COMMISSION

T.D. 1006'

MAY 1 4 2007