

## KANS'AS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

WELL HISTORY - DESCRI	PTION OF WELL & LEASE
OPERATOR: License #5983	API No. 15 - 207-27649 * 00 - 00
Name: Victor J. Leis	Spot Description:
Address 1: P.O. Box 223	E2 W2 NE SW Sec. 20 Twp. 24 S. R. 16 F East West
Address 2:	1,980 Feet from North / South Line of Section
City: Yates Center State: KS Zip: 66783 +	1,960 Feet from East / W West Line of Section
Contact Person: Ryan M. Leis	Footages Calculated from Nearest Outside Section Corner:
Phone: ( 785 ) 313-2567	□NE □NW □SE ØSW
CONTRACTOR: License #_ 33900	County: Woodson
Name: Steven A. Leis	Lease Name: Hash Well #: 5
Wellsite Geologist: n/a	Field Name: Vernon
Purchaser: Pacer	Producing Formation: Squirrel
Designate Type of Completion:	Elevation: Ground: 1074 EST. Kelly Bushing: n/a
	Total Depth: 1079 Plug Back Total Depth: n/a
	Amount of Surface Pipe Set and Cemented at: 43 Feet
☑ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: n/a Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 1079
Cathodic Other (Core, Expl., etc.):	feet depth to: surface w/ 137 sx cmt.
If Workover/Re-entry: Old Well Info as follows: RECEIVED	SA CIRI.
Operator:	Orilling Fluid Management Plan
Well Name: NOV 1 4 2011	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENTR CHILDREN SWD	Chloride content: ppm Fluid volume: bbts
Deepening Re-perf. Conv. to ENHAR Conv. to SWD	Dewatering method used:
Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name: n/a
Dual Completion Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R
GSW Permit #:	County: Permit #:
11/30/2010 12/1/2010 12/17/2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
ACEDANIT	VCC Office Line CALLY
AFFIDAVIT  I am the affiant and I hereby certify that all requirements of the statutes, rules and	regu- KCC Office Use ONLY

I am the affiant and I hereby certify that 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:

abla		
1		
	2/2/	
Date:	2/3/1L	

KCC Office Use ONLY	
Letter of Confidentiality Received	
Date:	
Confidential Release Date:	
Wireline Log Received	
Geologist Report Received	:
UIC Distribution	1 1
ALT   I VII   III Approved by: Date: 1	2311

Operator Name: Vic	tor J. Leis			Lease	Name: _	Hash		Well #:5			
Sec. 20 Twp.24	Twp.24S. R.16				County: Woodson						
INSTRUCTIONS: Shitime tool open and clorecovery, and flow ratine Logs surveyed. A	osed, flowing and shu es if gas to surface to	ıt-in pressi est, along v	ures, whether so with final chart(s	hut-in pres	sure rea	ched static level,	hydrostatic pre	ssures, bottom	hole temp	perature, fluid	
Drill Stem Tests Taker (Attach Additional		Y	es 📝 No		ØL	og Formatio	n (Top), Depth	and Datum		Sample	
Samples Sent to Geological Survey  Cores Taken  Electric Log Run  Electric Log Submitted Electronically  (If no, Submit Copy)		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _	☐ Yes ☑ No ☐ Yes ☑ No ☑ Yes ☐ No ☐ Yes ☑ No ☐ Yes ☑ No		1	Name see attached		Тор	ļ	Datum	
List All E. Logs Run: Gamma ray/ n	eutron										
		Pen		RECORD	N4	ew Used	ion of				
Purpose of String	Size Hole Drilled	Sb	ze Casing t (in O.D.)	Wei	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives	
Surface	10"	7"		23.5		43'	portland	10	n/a		
Casing	5 7/8"	2 7/8"		6.5	····	1078'	50/50 pos	137	n/a		
	1	<u> </u>	ADDITIONAL	. CEMENTI	NG / SQL	JEEZE RECORD			<u> </u>		
Purpose:  —— Perforate  —— Protect Casing  —— Ptug Back TD  —— Ptug Off Zone	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type an	1 Percent Additive:	3		
Shots Per Foot	PERFORATION RECORD - Bridge Ptugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) De						Depth				
2	20 shots 998-1008'				1	Frac. with 50	00# gelled w	ater and sand		998'	
			KCC \	NICHI	TA					-	
			<del></del>	-						<u> </u>	
TUBING RECORD:	Size:	Set At:		Packer A	vt:	Liner Run:	Yes [] I	ło			
Date of First, Resumed 12/22/2010	Production, SWD or El	IHR.	Producing Meth	nod: Pumpir	y []	Gas Lift C	Other (Explain)	-	<del></del>		
Estimated Production Per 24 Hours	Oii 10	Bbls.	Gas 0	Mcf	Wat	er Bi	bls.	Gas-Oil Ratio		Gravity 26.0	
Vented Solo	ON OF GAS:  Used on Lease  bmit ACO-18.)		_	METHOD OF	_	/ Comp. Con	nmingled mit ACO-4)	PRODUCTI	ON INTER	IVAL:	



¥. #.

Ravin 3737

27283 TICKET NUMBER LOCATION OHLAWA KS FOREMAN Fred Made

PO Box 884, 620-431-9210	Chanute, KS '66720 F or 800-467-8676	TELD TICKET & TRI CEM		RT	Treating	. (
DATE	CUSTOMER# W	/ELL NAME & NUMBER	SECTION	Tollandin	··	
12/9/10				TOWNSHIP	RANGE	COUNTY
CUSTOMER	TOSES   MAS	L # 5	Sw 20	24	1,6	wo
_ M	lidwan Oil Co.			1000		<b>在在一个</b>
MAILING ADDR	ESS 6		TRUCK#	- DRIVER	TRUCK#	DRIVER
P.	0. Box 1000		-506	Fred	Frank M	<u> </u>
CITY	STATE	ZIP CODE		Casay (	1 0	
. m:	mi: DK	74354	\$5/100		RID	
JOB TYPE A				eeil C#	\$ 510	Trult
CASING DEPTI	<i>d</i> :	C 4 HOLEDE	РТН <u>#0 80</u> °С	ASING SIZE & 1	WEIGHT 2/8	EVE
		TUBIKG_	· .		OTHER_	
SLURRY WEIG	HTSLURRY VO	L WATER 9	al/sk Ci	EMENT LEFT IN	CASING 24	Plus
DISPLACEMEN	T 6.27 BBLDISPLACEN	ENT PSI MIX PSI_	R	ATE SOP	M	1
		laxion. Mix +/			Gal Flu	
M			ye min +			81
50	50 Por Mix Ce	ment 6% bed	~F. A		102 SKS	
<u> </u>	ush pump + line	s clean. Disp	1 1 1	35 sks		ment
Ca	SW 70 w/ 6	27 BBL Fresh		ubberg		
R	lease dressure	Jan Jan Jan		, <u> </u>	to 700	PSI
	4.63	to sex floax	· Valva. 31	with C	ashy.	
<b>4</b>	eve Leis Drilling.			Leul	Made	
	THE LESS DITTON		·			
ACCOUNT	T					
CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PRODU	JCT	UNIT PRICE	TOTAL
5401	,	PUMP CHARGE				
5406	12 of 65 mi	MILEAGE				92500
3402	1078'					118.63
5407A		Cash Foota	<u>9e</u>			N/C
	278.46	for Miles	·	#5/0		3345
5407A	1/2 Minutes 43	Ton Miles		જાર		15750
5501C	2hrs	Transport				27400
					<del></del>	old 31
<u> </u>					<del></del>	
1124	96 sks	Solon 4			<u>-</u> Ì	
1124	7.5.	50/50 Pm M	111 Coment		<del></del>	94464
	355 Ks	Owc Ceme	wt			59500
INFB	614	fromire al	REC	Fn	- 1	12280
4402		225" Rubbe	- Plus Ma	EIVED	T	239

SALES TAX ESTIMATED 3567 TOTAL AUTHORIZTION DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the fact of the fact of the fact of the form are in effect for services identified on this form.

7.3%

Spud Date: 12-01-2010 T.D. 1079

Footage taken	Sample type	<u> </u>	l
1_3	soil		
3_12.	clay	<del></del>	
12 26	shale	<del></del>	
26_29	broken lime		
29 40	shale		
40_44	lime		
44 122	shale		
122 393	lime		
393_438	white shale		
438_443	lime		
443_521	shale		
521 584	lime	•	
584_594	shale		·
594_617	lime		
617_621	shale		
621 647	lime		
647_806	shale		
806_810	lime		
810_836	brown lime		
836_841	hard lime		
841_843	shale		
843_845	lime		
845_855	lime		
855_901	sandy lime		
901_905	lime		
905_913	shale		
913_915	lime		
915_919	shale		
919_924	lime		
924_934	shale		
934 938	lime	<del></del>	
938_954	shale		
954_959	lime		
959_973	shale		
973_979	lime .		
979_981	shale	<del></del>	
981_983	lime		
983 985	shale		
985_987	lime		RECO
987_991	shale		"ECEIVED
991 993	lime		RECEIVED NOV 1 4 2011 CC WICHITA
993_996	shale		···· 1 4 2011
996_999	oil sand	K	۱۱۰ کی ۱۱
999_1002	——————————————————————————————————————	, 81	O WICHITA
1002_1004	broken sand		TITA
	broken sand		
1004_1037	shale		
1037_1038 1038_1040	lime		
1040_1041	shale		
1041_1045	lime		
	broken oil sand		
1045_1079	shale		