

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1099858

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Feet / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GSW Temp. Abd	If yes, show depth set: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to St	ND Dewatering method used:
Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	Fernin #
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

AFFIDAVIT

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.

Submitted Electronically

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

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes No Yes No Yes No</pre>					
List All E. Logs Run:							
		Report all strings set-	conductor, surface, inte	ermediate, producti	on, etc.		1
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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For		RD - Bridge P Each Interval F		e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	λ .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Solo		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC)-18.)		Other (Specify)						



TICKET NUMBER 39504

LOCATION Ottawa KS

FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

and the second se			U EWE	The second s			
DATE	CUSTOMER #	WELL NAME 8	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/21/12	3425	Lutter # -	I-7	5W33	15	20	FR
CUSTOMER)	1 6			这是这些,我将是我们			
40	ghes Dri	11.2		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDR		, ¢ ,		506	Fre Mad	Safely	Ant
12		la i St		666	Ke: Car	SK	12
CITY		STATE ZIP COD	- 21	503	Dan Dest	DD	
Wellsui	lle	KS 660	72				
JOB TYPE La	A CONTRACTOR OF	HOLE SIZE 578		H_775'	CASING SIZE & W	EIGHT 27/	EUE
CASING DEPTH	760 0		IN TUBING	753		OTHER	
SLURRY WEIGH	łΤ	SLURRY VOL	WATER gal/	sk	CEMENT LEFT in	CASING_2%	Plus + 7'
DISPLACEMEN	T_4.37BBL	DISPLACEMENT PSI	MIX PSI		RATE YBAN		0
REMARKS:	Establish	circu laxion	Mix+P.	unp 100 #	Cul Flush	. Mix+	Pumo
108	SKS 50/50	Por mix Cer	nent 2% (rel. Cenyo	of to south	ace. Flu	sh
Dem	0×1mas 1	lean. Displa	ace 25" 2	ubber du	a to an	M CASN	ne.
Pres	sure to	800 # AS1. 140	Id & Mon.	tor avess	bre for 3	omin.	WIT.
Hel	opresson	. shot m	Casing	/ ·			
	<i>r</i>		Ø				
		- 10 I-PRO		1			

Customer Supplied Water

4 Made

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5401)	PUMP CHARGE	1066		10.3000
5406	15 mi	MILEAGE	666		6000
5402	760	Casing foo tage	S./		NIC
5407	Minimum	Ton Miles	503		35000
1124	1085/15	50/50 Por Mix Coment			118260
ILEB	282#	Premim Gel			592
4402	/	Solso Por Mix Coment Premin Gel 22 Robber Plug			2800
					nylafod Hylaiba
			7.570	SALES TAX	99 04
	FRILLS	bel Quine		ESTIMATED TOTAL	2808 54

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, about office, and conditions of service on the back of this form are in effect for services identified on this form

522407 - 97

1.1	ып	GHES DRILLING REPOR	r	1 1650 FS	o., Kansas 31,3	0 ===
Sec.		SILS DRILLING REFOR		1650 FS	9-258	18
		FACE CASING PERMANEN	r csg.	10.1# 10 000		
Well No.L.T.		$\frac{7}{29}$ Size $\frac{279}{864}$ Size $\frac{279}{864}$ Fee 160 p p c Bolt of 50	200	STRATA	FORMATION	T.D
Farm Lutte	Feet	29 Feet 760 p.p.	. 1.0.	THICKNESS	DRILLED	1
	Circu	ilated 2 sx cement Bolt at 150	3		Soil	2,
	D.d.		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1-12	Clay	17
PERATOR	shes Drilli		GHES DRILLING CO.	21	SUGE	64
		Contractor	**************************************	- 0	Lime	70
TE	DRILLED	REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY	16	Shale	19P
17-12			- Decale		Shale	- Porte land
	02	501	W21.2-412	30	Line	107
	2 17	day	(D22,5-440	4	Shale	113
.9'	17 64	Shark-	J225- 66.5	18	Lime	131
2012	64 70	Line	6 4022.5- 89.0	.36	Spalt	167
18 200	70 15	shale	622.5-11.5	17	Lime	183
will -	15 91		(D22,5°134.0	and the second s	snak	20)
		Lime English And	and the second se		Lowe	2.83
in the second		Shall CDArk Csiate 9.			shule	302
	99 109	LIMC	(B)225-179.0		swike	339
	109 113	Shale	(9)225- 201.S		Line	351
	113 131	LIME	Q22.5- 2240	the second se	Shule	370
	131 167	Shule LBRoken 133-139)	(il)22.5-246.5		Lime	394
	167 183	Line	(i) ha 5-219 0		shule	40)
	183 24	shale CSMUNI 185-1892	(1) 201.5 LOU.5		time	42.6
1	1		<u>[15)22.3-291</u> .3		Share	430
	261. 283	CIME	(14)22.5- 314.0	the second s	ime	434
	283 302	Shale (Red Bed 297-301)	(15/2.5- 336.5		shale_	436
91	302 308	Line	(10:225-3590		Shirle	- Annual States
-	302 308	shar	(12)22.5-381.5	the state of the s	Sand	566
1		Lime	(13)22.5-404.0		shale	573
		shak CBroken 3.52-3.56	1 40 - 6 110	21	soly shak	575
30	D70 304	2 mar 00101-cm 3.2 - 0.26		27	shale	602
-70		Lime	(20)22.5- 449.0	21	imp	604
	394 401	Shale (Slate 399-400)	Q22.5- 471.5		sand	606
20'		Lime 2	(2)225- 4994		Linc	619
	426 430	shuk(slate 429-430	(23)22.5- 516.5	101	Nale	694
	130,434		(2922.5- 539.0	1010	like	
		Shew K	(25)22.5-561.5	11 5	late.	654
i di iv					Line	667
Hettine"		lime	20-22.5-534.0	9	shuld,	676
	443 561	Shall (Broken 444-448)	SUN 1471-500)	1. 11	-Truc	682

Well N Farm .	Lutter			ACE CASING PERMANENT CSG				
arın.		a		ACE CASING PERMANENT CSG Size 279"8rd EUE Feel 760" pipe 7 Bolt at 253"	D.	STRATA THICKNESS	FORMATION	T.D.
	Lone		Feet	Feel 160 pipe 1		12	Shale	1044
		1.1	Circula	ated sx cement Bolt at 253	7-7-	8	Lime	702
	11. 14		ñ •	T. D. at Completion	1	5	Shall,	707
OPERAT	OR HUSA	2141	1119 ·	Contractor HUGHES	S DRILLING CO.	9	BRKN SENJ	
	-		minana ana amin'ny sarata dia mampika amin'ny sarata amin'ny sarata amin'ny sarata amin'ny sarata amin'ny sarat	na and a subscription of the subscription of t	PIPE TALLY	39 9	Soing	725
DATE		FROM	ro	REMARKS - TYPE WORK - BILLING REF.		30		135
Tro/	2	56)	Sil	sand Coil Trace	(2D22.5-606.5		Lt Brocked	
		566	and the second with the second	Shall	1822.5-629.0		shale	77
		573		Sandy Shall Coil traced	(49)22.5-651.5	· ·····		
and the state of the				Shunt (BRK 595-599)	(30)22.5-674.0)		
				Lime	30.22 5.696.	<		
		602			(52)225-7194	າ		
	<u> </u>	6A		Sand Carmin . "Shak wither Block)				
1 1	Linner	60,6	619	Shale (BOK 616-619)	(\$3)225-741.5			
	1	819	624	Lime	3922.5-764.0	**************************************		
_		624	644	Shale (Brk 629-632)				
		644	654	Lime			<u> </u>	
		654	665	Shale.				here and the second
		115	1667	LIME (Brower)			1	1
	1	6157	1076	Shall (Slate 667-668)			1	
				Line				
A				Shints			Januar Marina	Constant State
		au	1011	LIME (Soft 6910700 Some]	Rkaling)			
		011	102	CINCS (301) OTO THE SOUTH A	sigering	2000-00-000		1.1
Part in	1	702	101	Shale Broken Sanch > Remarks				
1591	innel	1707	116	Sand Sanci 205-3				
• /	2	716	725	and vi				
		725	755	Share Cline Brack 75DC				
62		755	1759	Lt Brown sand				<u> </u>
21/1		759	775	Shart	-			
			T.D.	~ 1				1
		8-21	-12	Set 7160 of 278" 8rd	EVE			
1 1 1 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	-	Bolt est 753' used 3			6 G S	1.

1.5