

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1077229

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 East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: 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.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm privide content: ppm Pewatering method used: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License #: Quarter Sec TwpS. R East County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or 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							
Confidential Release Date:							
Wireline Log Received Geologist Report Received							
UIC Distribution							
ALT I II III 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.

rill Stem Tests Taken (Attach Additional Sheets))	Yes	No				on (Top), Depth an		Sample	
amples Sent to Geological	l Survey	Yes	No		Name	9		Тор	Datum	
ores Taken lectric Log Run lectric Log Submitted Elec (If no, Submit Copy)	tronically	☐ Yes ☐ Yes ☐ Yes	☐ No ☐ No ☐ No							
ist All E. Logs Run:										
			CASING	RECORD	Ne	w Used				
		Report a	II strings set-c	onductor, sur	face, inte	rmediate, product	tion, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weigh Lbs. / I		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
ores Taken lectric Log Run lectric Log Submitted Elec <i>(If no, Submit Copy)</i> ist All E. Logs Run:	stronically	☐ Yes ☐ Yes ☐ Yes ☐ Yes Report a Size C	CASING	onductor, sur Weigł	face, inte	w Used rmediate, product	Type of			ent

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 Fo		RD - Bridge P Each Interval F		e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
		,								
DISPOSITIO	ON OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)	Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC)-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Edgerton KS (6021) 303 NEILCRAR NEC 303 DANGAR DG 303 TYPE Long Steven HOLE BIZE 57C HOLE DEPTH 230' CASING SIZE & WEIGHT 278 EUE CASING DEPTH 1919 DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DRILL PIPE LA FALO IN 1230' CASING SIZE & WEIGHT 278 EUE DISPLACEMENT 51 MIX PUIN 100" PLEMENT ENT IN CASING 28' PLU TO SULFACE. FLUSH PUIN TO IN 178 CASING IN 1240' WIT FILE SOLF. CAMENT TO SULFACE. FLUSH PUIN THOSE CLEAN DISPLACE 28' RUBBER PLC'S COL TO DA FALO IN 2000 THE SIGNE 400 PSI. Release PLCSSOLF TO Set FLOASH UNDER SURE YOU ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT STO 2 719' CASING FOR YOU TO SOLF CLEASE FOR ANY CASING STO 2 719' CASING FOR YOUR CLEASE INTERNAL STO 2 719' CASING FOR YOUR LA SIGNE 1124 134 sks 50/50 Pa. MIXY CAMENT 1124 134 sks 50/50 Pa. MIXY CAMENT 1124 134 sks 50/50 Pa. MIXY CAMENT ACCOUNT CLEASE PLOASE PLOASE PLOASE 1124 134 sks 50/50 Pa. MIXY CAMENT ACCOUNT CLEASE PLOASE PLU ACCOUNT CLEASE PLOASE PLU ACCOUNT CLEASE PLOASE PLU ACCOUNT CLEASE PLOASE PLU 1124 134 sks 50/50 Pa. MIXY CAMENT ACCOUNT CLEASE PLOASE PLU ACCOUNT CLEASE PLU ACCOUNT CLEASE PLOASE PLU ACCOUNT CLEASE PLU ACCOUNT PLU ACCOUNT CLEASE PLU ACCOUNT CLEASE PLU ACCOUNT PLU A	in .			·····						
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4402 Jr. Robber Plu 28- SCANNED 28- JURJDA 38- TOTAL 3327 ²	1118B	3	25			2		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
4402 Jr. Robber Plu 28- SCANNED 28- JURJDA 38- TOTAL 3327 ²	1107		34#	FID 5	pail					79.90
Ravin 3737	4402		1	22 1	ubber	- plus	~~~ F	· · · · · · · · · · · · · · · · · · ·		2800
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AUTHORIZTION ______ TITLE_____ DATE______ I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form Johnson County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Thomas A-31 (913) 837-8400 2/29/2012 Lease Owner: ST Petroleum

WELL LOG

hickness of Strata	Formation	Total Depth	
0-26	Soil-Clay	26	
14	Shale	40	
4	Lime	44	
4	Shale	48	
2	Lime	50	
12	Shale	62	
8	Lime	70	
2	Shale	72	
15	Lime	87	
9	Shale	96	
9	Lime	105	
7	Shale	112	
18	Lime	130	
16	Shale	146	
21	Lime	167	
5	Shale	172	
57	Lime	229	
21	Shale	250	
8	Lime	258	
18	Shale	276	
8	Lime	284	
6	Shale	290	
8	Lime	298	
44	Shale	342	
26	Lime	368	
6	Shale	374	
24	Lime	398	
4	Shale	402	
5	Lime	407	
4	Shale	411	
6	Lime	417	
44	Shale	461	
6	Sandy Shale	467	
123	Shale	590	
7	Lime	597	
9	Shale	606	
4	Lime	610	
20	Shale	630	
3	Lime	633	
118	Shale	751	

Johnson County, KS Well: Thomas A-31 Lages Outputs ST Potroloum (913) 837-8400 Commenced Spudding: 2/29/2012

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20	Sand	
108	Shale	771
1	Sand	879
3	Sand	880
5		883
6	Sand	888
3	Sand	894
33	Sandy Shale	897
A DE LA CARACTERIA DE LA COMPACIÓN	Shale	930-TD