

Kansas Corporation Commission Oil & Gas Conservation Division

1075159

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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
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 #:	Quarter Sec Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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.

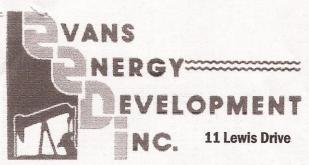
Submitted Electronically

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

Side Two



Operator Name:			Lease Nar	me:			_ Well #:	
Sec Twp	S. R	East West	County: _					
INSTRUCTIONS: Shortime tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shut if gas to surface tes	in pressures, whether s it, along with final charte	shut-in pressur	e reache	d static level,	hydrostatic pres	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional St	neets)	Yes No		Log	Formation	n (Top), Depth ar	nd Datum	Sample
Samples Sent to Geolo		Yes No		Name		Тор		Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) List All E. Logs Run:		Yes No Yes No Yes No						
		CASING	RECORD	Now	Used			
		Report all strings set-		New ce, interme		on, 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
		ADDITIONA	L CEMENTING	/ SOUFF	ZE RECORD			
D. d.		Type of Cement	# Sacks Used		Type and Percent Additives			
1 ldg 0ll 20ll0								
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
TUBING RECORD:	Size:	Set At:	Packer At:	Li	ner Run:	Yes No)	
Date of First, Resumed P	roduction, SWD or EN	Producing Met	hod:	Gas	Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bl	ols.	Gas-Oil Ratio	Gravity
DISPOSITION Vented Sold (If vented, Subn	Used on Lease	Open Hole	METHOD OF CO	OMPLETIC Dually Con Submit ACO	mp. Con	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

> Phone: 913-557-9083 Fax: 913-557-9084

Paola, KS 66071

WELL LOG
Vernon C. Thomas
Thomas #5
API # 15-091-23,563
October 4 - October 6, 2011

	October 4 - October 6, 2011				
Thickness of Strata	<u>Formation</u>	<u>Total</u>			
2	soil & clay	2			
68	sandstone	70			
2	lime	72			
8	shale	80			
4	lime	84			
14	shale	98			
13	.lime	111			
8	shale	119			
7	·lime	126			
7	·shale	133			
26	·lime	159			
9	.shale	168			
16	sandstone	184			
11	lime	195			
58	shale	253			
20	lime	273			
7	shale	280			
15	lime	295			
18	shale	313			
5	lime	318			
7	shale	325			
9	lime	334			
51	shale	385			
19	· lime	404 water			
9	shale	413			
19	lime	432			
4	shale	436			
4	lime	440 base of the Kansas City			
180	shale	620			
11	lime	631			
2	shale	633			
2	lime	635			
2	shale	637			
15	lime	652			
10	shale	662			

Thomas #5	nomas #5 Page 2		
3	lime	665	
9	shale	674	
8	lime	682 brown, lite odor	
23	shale	705	
9	lime	714	
56	shale	770	
5	lime	775	
4	shale	779	
21	lime	800	
40	shale	840	
4	lime	844	
1	broken sand	845	
44	shale	889	
4	grey sand	893	
10	shale	903	
2	lime	905	
6	silty shale	911	
29	shale	940 TD	

Drilled a 9 7/8" hole to 91' Drilled a 5 5/8" hole to 940'

Set 91' of 7" surface casing cemented by Consolidated Oil Service.

Plugged well 15 sacks at 940', 10' sacks at 500', 10 sacks at 300', topped off with cement by Consolidated Oil Well Services.



TICKET NUMBER 32891

LOCATION O + Lawa KS

FOREMAN Fred Wader

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

FIELD TICKET & TREATMENT REPORT

Edgerton RS 66021 S389 DERMIS DAN JOB TYPE Plug HOLE SIZE 578 HOLE DEPTH 940' CASING SIZE & WEIGHT DIA JOB TYPE Plug HOLE SIZE 578 HOLE DEPTH 940' CASING SIZE & WEIGHT DIA SLURRY WEIGHT SLURRY YOL WATER gal/sk CEMENT LEFT IN MIKE PLUB DISPLACEMENT PSI MIX PSI RATE 4 A PM REMARKS: Fiste blick plugar you. The word of ill pipe of the property of the control of the plugar you. Displace to 10 Pull dill pipe & Top of Woll. Courty. Displace to 500' Pull dill pipe & Top of Woll. 80 s ks Fuant Frequence full remained of ill pipe & Top of Woll. 80 s ks Fuant Frequence for Miles 503 3880° 540 b 30mi MILEAGE 768 122° 540 T Minimum Ton Miles 503 389 135° Jily 80 s ks 50 so for Mix Cement 802° Jily 80 s ks 50 so for Mix Cement 802° Jily 903* Pump Charge 503 3880° Jily 903* Pump Charge 503 880° Jily 903* Pump Charge 603 880° Jily 903* Pump Cha	620-431-9210	or 800-467-8676			CEMENT				
TRUCK# DRIVER TRUCK# DRIVER SO3 FREMAD Soft WING 369 ARLWICD ARM D ARM DOB TYPE PLUG HOLE SIZE S 78 HOLE DEPTH 940 CASING SIZE & WEIGHT UIA CASING DEPTH DRILL PIPE SUURRY WEIGHT SLURRY VOL WATER GAING SIZE & WEIGHT UIA CASING DEPTH DISPLACEMENT PSI MX RSIS RATE 4 4 D PM REMARKS: Fold PLISH DUMAP AND AND AND ISSAS COMMAN DISPLACEMENT PSI DISPLACEMENT PSI MX RSIS RATE 4 4 D PM REMARKS: Fold PLISH DUMAP AND AND AND ISSAS COMMAN DISPLACEMENT PSI DISPLACEMENT PSI MX RSIS RATE 4 4 D PM REMARKS: Fold PLISH DUMAP AND AND ISSAS COMMAN DISPLACEMENT PSI DISPLACEMENT PSI MX PUMAP 10 SKS COMMAND DISPLACEMENT PSI MX PUMAP 15 SKS COMMAND DISPLACEMENT PSI DISPLACEMENT PSI MX PUMAP 10 SKS COMMAND DISPLACEMENT PSI MX PUMAP 15 SKS	DATE	CUSTOMER#			BER	SECTION	TOWNSHIP	RANGE	COUNTY
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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.