

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1078193

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
GG 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

	Side Two	1
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

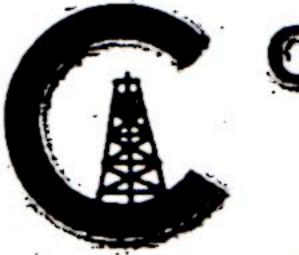
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, 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 Sheets)		Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog		Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		☐ Yes ☐ Yes ☐ Yes	No No No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In C		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record d of Material Used)	Depth		
TUBING RECORD: Size: Set At:			:: Packer At:			Liner R	un:	No		
Date of First, Resumed Production, SWD or ENH			۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			1							
DISPOSITION OF GAS:			METHOD OF COMPLE		TION:		PRODUCTION INTER	RVAL:		
Vented Sold Used on Lease			Open Hole Perf. Dually (Submit.			Commingled (Submit ACO-4)				
(If vented, Submit ACO-18.)				Other (Specify)						



Consolidated

gill Well Services, LLC

36511 **TICKET NUMBER** LOCATION Ottawa FOREMAN Fred Mady

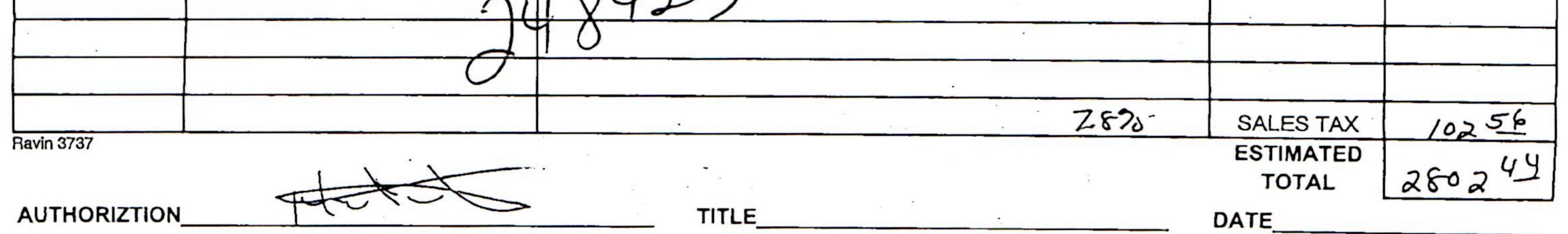
FIELD TICKET & TREATMENT REPORT

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

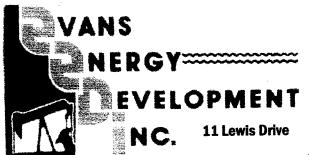
620-431-9210	or 800-467-8676	-	CEME	NT			3.
DATE	CUSTOMER#	WELL NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/13/12	7806	Sobba	#2IW	NW 15	20	20	AN
CUSTOMER							
Ta	ilwater	Inc.		TRUCK #	DRIVER	TRUCK #	DRIVER
AILING ADDR			•	506	FREMAD	Satch	ma
64	121 Avona	Jale DR. Ste 2	12	495	HARBEC	HAB	1
DITY		STATE ZIP COD		369	DERMAS	Din	
OKlah	onica City	.OK 7311	6.	510	ASAMIC	Am	
OB TYPE / C	. /	HOLE SIZE 5718	HOLEDER	TH 764'	CASING SIZE & W	FIGHT 27/4	FUE

HOLE SIZE HOLE DEPTH 769 CASING SIZE & WEIGHT & 18 EVE 518 JOB TYPE LONGSTY. DRILL PIPE TUBING CASING DEPTH OTHER CEMENT LEFT in CASING 22" Plus WATER gal/sk SLURRY VOL SLURRY WEIGHT RATE SBPM DISPLACEMENT 4.37 DISPLACEMENT PSI MIX PSI Fluch Nix+ Pump 100 REMARKS: Establish Dunas rate. Menin 50/50 Ar min ement. 220 + Pump 2 SKS ement hel. Flush Domp + lines U.V. tace. Rubber Loon Displace 2/2 800 # AS1: TD. Pressure monidor to casing MIT Release pressure to sat float 30 mm less une Short Las ma Jalve-Frans Energy Der. Inc-Travis) ACCOUNT . QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL CODE 10

	5401	1	PUMP CHARGE	495	1030°0	
	5406		MILEAGE	•	NIC	
	5402	754	Casing Footage		NIC	
	5407	1/2 minimum	Ton miles	510	17500	
	55020	Zhrs	80 BBC Vac Truck	369	180.00	
						.:
	1124	112 sk	50/50 Por Mix Cement		122640	
	11183	288#	Premium Gel		6048	:
	4402	·)	21/2" Rubber Pluy.		2800	
			0			
99 -	Υ.					į
			c c c c c c c c c c c c c c c c c c c			
		\sim	TOULS			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



Oil & Gas Well Drilling Water Wells Geo-Loop Installation

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

WELL LOG Tailwater, Inc. Sobba #2-IW API#15-003-25,391 March 11 - March 12, 2012

Paola, KS 66071

Thickness of Strata	Formation	<u>Total</u> 16
16	soil & clay	109
93	shale	137
28	lime	158
21	shale	165
7	lime	
44	shale	209 220
11	lime	225
5	shale	261
36	lime	
7	shale	268
21	lime	289
5	shale	294
15	lime	309 base of the Kansas City
168	shale	477
2	lime	479
4	shale	483
4	lime	487
2	shale	489
10	lime	499 oil show
10	shale	509
11	oil sand	520 green, lite bleeding
4	shale	524
25	oil sand	549 green, lite bleeding
1	shale	550
1	coal	551
5	shale	556
19	lime	575
6	shale	581
3	lime	584
18	shale	602
14	lime	616
16	shale	632
5	lime	637
56	shale	693
1	lime & shells	694
10	oil sand	704 brown, good bleeding
6	silty shale	710
4	sand	714 black, no oil show
50	shale	764 TD
00		

Sobba #2-IW

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Drilled a 9 7/8" hole to 22.4' Drilled a 5 5/8" hole to 764'

Set 22.4' of 7" surface casing cemented with 5 sacks of cement.

Set 754.4' of 2 7/8" threaded and coupled 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.