

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1078153

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	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
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	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operation
Dual Completion Permit #:	Operator Name:
☐ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec Twp S. R East West
GSW Permit #:	County: Permit #:
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 III Approved by: Date:					

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

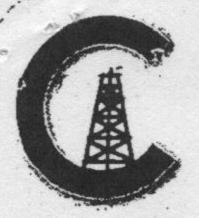
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, 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	d Datum	Sample	
Samples Sent to Geolog		Yes	No	Nam	ie		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 al		RECORD N	ew Used ermediate, producti	ion, etc.		
Purpose of String Size Hole Size Casing We		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					e		Depth		
TUBING RECORD:	NG RECORD: Size: Set At: Packer At:				r At:	Liner R	un:	No		
Date of First, Resumed Production, SWD or ENHR.			۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours			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

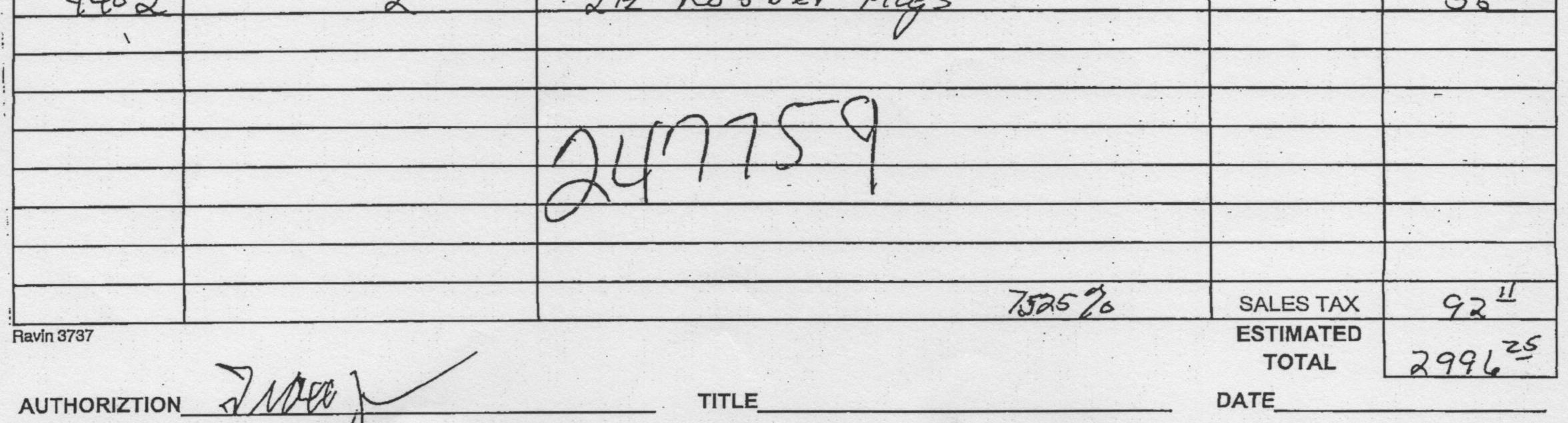
Oil Well Services, LLC

	TICKET NUMBER 36877
	LOCATION Ottawa KS
	FOREMAN Fred Mader
FIELD TICKET & TREATMENT REF	PORT

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

620-431-9210	or 800-467-8676	;	CEMEN	Γ .			•	
DATE	CUSTOMER #	WELL NAME & NUM	SECTION	TOWNSHIP	RANGE	GOUNTY		
2/6/12	4448	Knabe "A" # K	'R-8	SE 10	: 14	22	70	
CUSTOMER								
Kausa	s Resourc	es Expl & Deu.		TRUCK#	DRIVER	TRUCK #	DRIVER	
MAILING ADDRI		J 1.		-506	FREMAD	Sateta	Mxy	
9393	w 11	o th		.495	HARBEC	HAB .	1	
CITY		STATE ZIP CODE		370	GARMOO	GM		
Overla	nd Park	KS 66210.		548	KEICAR	JEG		
JOB TYPE La	ngstring	HOLE SIZE 598	HOLE DEPTH	744	CASING SIZE & WI	EIGHT 278	FEVE	
CASING DEPTH	722	DRILL PIPE	TUBING			OTHER		
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 2.7						ASING 2 - 2's	Plags.	
DISPLACEMENT 4.2 BB DISPLACEMENT PSI MIX PSI RATE SBPM								
REMARKS: Establish circulation. Mix + Pump 100# Premium Cul Flush. Mix x Pump 96 sles 50/50 Por Mix Cement 1/2 Phano Seale/slc. Comment								
Pom	0 96	5/45 50/50 Por	Mix Le	ment 1/2#	Phano Seale,	Isk. Car	nent	
1 (1	F1 , ',						

Surface. Flush sump + lines clean. Displace 2= 2% Robber .To Casing TD kess ure 800 × PS1. Release pressure ALOSS tloat. Talver Shut in casing. set Vtah Brilling ACCOUNT **QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT** UNIT PRICE TOTAL CODE 103000 5401 PUMP CHARGE 495 120 09 5406 30 mi MILEAGE 496 5402 Casing Footage. 722 35000 Minimon Miles 5407 548 Ton B.BC Vac Irude. 80 18000 5502C 370 Zhrs 50/50 Por Mir Cement 105120 96 SKS 1124 262# 5502 Premiun Gel 116B ... 41 92 48# Phenio Seal 1107A 5600 5% Rubber Aluss 4402 2



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

1 - 5 LEASE NAME Knabel OPERATOR KANSAS Exploration START DATE: Leb 02, 2012 WELL# K LOCATION: API # Circulated Cement(#bags) SURFACE PIPE: PIPE: 21/2 SIZE: 722 #FT **PRODUCTION:**