KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #4441	API No. 15
Name: REUSCH WELL SERVICE, INC	Spot Description:
Address 1: PO BOX 520	<u>SE_SW_SW</u> Sec. 9 Twp. 17 S. R. 22 🗹 East 🗌 West
Address 2:	Feet from ☐ North / 🗹 South Line of Section
City: OTTAWA State: KS Zip: 66067 +	4,050 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: BOB REUSCH	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 242-2043	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_ 33734	County: MIAMI
Name: HAT DRILLING	Lease Name: GRANDON Well #: 16 RECEIVE
Wellsite Geologist: NONE	Field Name: PAOLA RANTOUL
Purchaser: PACER	Producing Formation: SQUIRREL DEC 2 3 2
Designate Type of Completion:	
Sesignate Type of Completion.	Total Depth: 721 Plug Back Total Depth: 720 KCC WICH
	Amount of Surface Pipe Set and Cemented at: 20 Feet
☑ Oil ☐ WSW ☐ SWD ☐ SIOW	
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd.	Multiple Stage Cementing Collar Used?
☐ OG ☐ ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane)	If yes, show depth set:Feet
Cathodic Other (Core, Expl., etc.):	If Alternate II completion, cement circulated from: SURFACE 720 feet depth to: 65 w/ 193 113 sx cmt.
f Workover/Re-entry: Old Well Info as follows:	feet depth to: w/ w/ sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name:License #:
ENHR Permit #:	Quarter Sec TwpS. R
GSW Permit #:	County: Permit #:
12/22/09 1/28/10 10/12/10	
Spud Date or Date Reached TD Completion Date or Recompletion Date	

tiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with thi BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFF	IDAVIT	
le ter	roquiroment	4

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 forrect to the best of my knowledge.

Signature: Missaull	U_	
Title: SEC. TREAS	Date: 12/20/2010	

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Side Two

Operator Name: REUSCH WELL SERVICE, INC			_ Lease	Name: _	GRANDON		Well #	_{#:} <u>16</u>			
Sec. 9 Twp. 17					y: MIAMI						
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates line Logs surveyed. At	sed, flowing and shu s if gas to surface te	it-in pressi est, along v	ures, whether sl with final chart(s	hut-in pres	ssure read	ched static level,	hydrostatic pr	ressures, l	ottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional St	heets)	☐ Y	es 🗸 No		V L	og Formation	n (Top), Depth	and Datu	m		Sample
Samples Sent to Geolo	ogical Survey	□ Y	es 🗸 No		Nam			Top 658		1 66	Datum 68
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)				RECEIVED DEC 2 3 2010							
List All E. Logs Run:											
							KCC	WICH	ITA		
		Repo		RECORD	No	ew Used ermediate, producti	on, etc.				
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement		Sacks Jsed		and Percent Additives
SURFACE	9 7/8"	7"				20	PORTLAN	D 6			
PRODUCTION	5 5/8"	2 7/8"				720	50/50 POZ	113			
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD					
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Туре	of Cement # Sacks Used								
Plug Back TD Plug Off Zone											
Shots Per Foot			RD - Bridge Plug Each Interval Perl		·		cture, Shot, Cen			j	Depth
3	658-668					ACID 15% HCL 250 6			658-668		
						FRAC 4000	BROWN SA	ND 100 F	RAC G	EL	658-668
			-	· · · · · · · · · · · · · · · · · · ·							
							 				
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:] Yes ✓	No No			
Date of First, Resumed F	Production, SWD or EN	IHR.	Producing Meth	nod: Pumpi	ing 🗌	Gas Lift C	other (Explain) _				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	ols.	Gas-Oil	Ratio		Gravity
DISPOSITIO	ON OF GAS:			METHOD O	F COMPLI	ETION:		PR	ODUCTIO	N INTER	 ₹VAL:
Vented Sold	Used on Lease		Open Hole	Perf.	Dually		nmingled mit ACO-4)	658-668	3		
(If vented, Submit ACO-18.) Other (Specify)											



LOCATION O Hawa KS
FOREMAN Fred Made

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

FIELD TICKET & TREATMENT REPORT CEMENT

MALLING ADDRESS Well Service MALLING ADDRESS Well Service MALLING ADDRESS Well Service MALLING ADDRESS Well Service MALLING ADDRESS WELL PIPE THOOK BRUNER TRUCK DAVER TOOK JOB TYPE LONG STATE IF CODE THOUR JOB TYPE LONG STATE IF CODE THE STATE THE STATE IF CODE THE STATE THE ST	DATE	CUSTOMER#	WEL	L NAME & NUMI	BER	SECTION	N TOWNSHIP	RANGE	COU	NTY
MALLING ADDRESS MALLING ADDRESS P. D. Box 520 CYTOWN STATE 2PCODE N. STATE 2PCODE W. STATE 36.9 Churk STO Jassyn HOLE SIZE 574 HOLE DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING SUE & WEIGHT 278 "FUF CASING DEPTH 7.72 CASING 28 "FUF CASING DEPTH 7.72 CASING 28 "FUF CASING SURRY VOLL WATER GAINK CHEMPTIC TO THE STATE 48" MIX PS RATE 48" MIX PS	1/28/10	7069	Grandon	/sale #	16	Sw C	7 17	22	m	
MALLING ADDRESS PLO. 30x 520 GITY PLANDS STATE OH LAND STATE SO JA FON OHER SUURRY WEIGHT SUURRY VOL WATER Gallak CEMENT LEFT IN CASING 2½ "Pluy DISPLACEMENT Y. 2. DISPLACEMENT PSI MIXY PUMP 1/5 SMS 50/50 POYM'X COMMAX 2½ "Pluy OHER MARKS: CHILL COSING 1/5 SMS 50/50 POYM'X COMMAX 2½ GAU COLOR STATE OH LAND STATE TO MY LAND STATE OH L	l Re.	usch W.		•		TRUCK	# DRIVER	TRUCK #		
CITY OH AWA STATE CHY WAS STATE CHENT LEFT IN CASING 212 WEIGHT 278 "FOUT OFFICE OF	MAILING ADDRE	ESS			1			1.1.001	Dixiv	
Ottawa No Type Long Ching Hole BIZE 578 HOLE DEPTH 232' CASING SIZE & WEIGHT 278" FUF DOBLY NO THE TUBING SLURRY WEIGHT SLURRY	P.0	. Box 52	٥] .		>			
Detawa RS 66667 Detawa Not this hole size 578 Hole Depth 2.22 Casing Size a Weight 278 Four casing Depth 7.20 Drill Pipe Tubing CASING Depth 7.20 Drill Pipe Tubing SLURRY WEIGHT RATE JBPM RATE JBP						369				
JOB TYPE LONG STATE HOLE SIZE STY HOLE DEPTH 222' CASING SIZE & WEIGHT 278" FUE CASING DEPTH 7220 DRILL PIPE TUBING SLURRY WEIGHT SLURRY VOL WATER Gallak CEMENT LEFT IN CASING 218" PULK DISPLACEMENT 4, 2 DISPLACEMENT PSI MIX PSI REMARKS: Chuck Casand depth with ye live. Mix thum, 100" Premium. Creek Flush. Mix thum, 15 Saks 50/50 Pormix Canada 27, Grel Creek Flush. Mix thum, though 115" Saks 50/50 Pormix Canada 27, Grel Creek Flush. Mix thum, though 15" Saks 50/50 Pormix Canada 27, Grel Creek Flush. Mix thum, though though the Casing To w/4, 2 BBL Fresh water. Pressure to 750" PSI. Ralelse pressure to Set Flock Value. Shut the Casing to Mix thum fresh Water Shut the Casing for tage. NICE WILLEAGE Truck 1/4" Saks 50/50 Por Mix Canada 1/2 Lass 80 BBL Vac Truck 1/4" Saks 1/4" Saks 1/4" Saks 50/50 Por Mix Canada 1/4" Saks 1/4" Saks 1/4" Saks 50/50 Por Mix Canada 1/4" Saks 50/50 Por Mix Ca					_	5/0	Jason			
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DISPLACEMENT 4.2 DISPLACEMENT PSI MIX PSI RATE 4 BPM REMARKS: Chulk Casha depth ul wire line. Mix lum 100 froming Gred Flush. Mixt Pump 115 SKS 50/50 Paymix Cennex 270 Cred Chulk Casha depth ul wire line. Mix lum 100 froming Gred Flush. Mixt Pump 115 SKS 50/50 Paymix Cennex 270 Cred Chulk Casha 270 Casha TO W/ 4.2 BBL fresh water. Pressure to 750 PSI. Release pressure to set float valve. Shut in Easing. Hat Drilling Account Code QUANITY of UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL S401 / PUMP CHARGE CHARGE CHARGE CHARGE (A) S402 20 mi MILEAGE CHARGE CHARGE N/C S403 780 Casha Footage S407 A 1/2 mix man Tom Miles. JY 02 J/2 Las So BBL Vac Truck 1/4 02 1/24 1/3 sKS 50/50 Par Mix Cennex 1/4 50 HO # 232 840 KCC WICHITA WO # 2415 LCC WICHITA WO # 2					_TUBING			OTHER		
REMARKS: Chief Casme depth w/wire Inc. Mixx Pum, 100 Premium Gred Flush Mixx Pump 115 SKS 50/50 Pormix Cennex 270 Cycl Chief Flush Dixx Pump 115 SKS 50/50 Pormix Cennex 270 Cycl Chief Rusher Plus 40 Casma To wy 12 BBL Fresh water. Pressure to 750 PSI. Release pressure to set float Value. Shut in Easing. ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL S401 / PUMP CHARGE (many Pump 5772 S406 20 mi MILEAGE Pump Truck 692 S402 720' Casing Footage N/c S407 Kz Miximum Ton Miles. 35620 1/2 his 80 BBL Vac Truck 1482 1188 2934					WATER gal/s	sk			"Plus	
Cred Flush Mixt Pump 115 SKS 50/50 Por Mix Cannex 270 Cred (Mart to Surface. Flush pump + Mas clean Displace 27% Rubbar Plus to Casing TO w/ 42 BBL Fresh water. Pressure to 750 PSI. Roledse prossure to set float Value. Shut in Easing. Account QUANITY or Units Description of services of product Unit price TOTAL 5401 / PUMP CHARGE (Mart Pump 872) 5402 2001 (as in Footage Wife Store Footage Nice 5402 780' (as in Footage Nice) 5407A 2 Mixture Ton Miles. 5507A 12 Mixture Ton Miles. 5707A 12 Mixture Ton Miles. 1124 1138KS 50/50 Por Mix Comment 1085 1118B 293th French Gel 465 4402 / 22 / 22 Rubbar Plus RECEIVED WINDSTITUTE STIMATED 107011110			DISPLACEMEN	IT PSI	MIX PSI			n	0	<u> </u>
Coment to Surface. Flush pump + Ines ream. Displace 27% Rubber Pluy to casing To w/ 412 BBL Fresh water. Pressure to 550 PSI. Release prossure to sex float Value. Shut in Easing. Hat Drilling. ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL 5401 / PUMP CHARGE (Innest Pump 870 970 970 970 970 970 970 970 970 970 9	REMARKS:	Mick Cash	ne depth	$\frac{\omega}{2}$ $\frac{\omega}{2}$	ce line.	MIXX	Fump 100	Premi	m_	
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	AUTHORIZTION_	NO	7. Am	~~~~	TITLE 104	Danc	unq	DATE		



REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 FAX 620/431-0012

INVOICE			Invoice	••	232846
Invoice Date:		======: Terms:		_	=======
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REUSCH OIL WELL P.O. BOX 520 OTTAWA KS 66067 (785) 242-6200

GRANDON/DALE 16 22532 SW 9-17-22 MI 01/28/2010

'				
	Number Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	113.00	9.2500	1045.25
1118		293.00	.1600	46.88
4402	2 1/2" RUBBER PLUG	1.00	22.0000	22.00
	Description	Hours	Unit Price	Total
368	CEMENT PUMP	1.00	870.00	870.00
368	EQUIPMENT MILEAGE (ONE WAY)	20.00	3.45	69.00
368	CASING FOOTAGE	720.00	.00	.00
369	80 BBL VACUUM TRUCK (CEMENT)	1.50	94.00	141.00
510	MIN. BULK DELIVERY	.50	296.00	148 00

RECEIVED DEC 23 2010 KCC WICHITA

Parts: Labor: Sublt:	.00	Freight: Misc: Supplies:	.00	Tax: Total: Change:	72.97 2415.10 .00	AR	2415.10
Signed			======	======	======	=====: ate	

BARTLESVILLE, OK 918/338-0808

ELDORADO, KS 316/322-7022

EUREKA, Ks 620/583-7664

GILLETTE, WY 307/686-4914

McALESTER, OK 918/426-7667

Оттаwа, Ks 785/242-4044

THAYER, KS 620/839-5269

Date

WORLAND, WY 307/347-4577