1125896

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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 # 4441
Name: Reusch Well Service, Inc.
Address 1: PO BOX 520
Address 2:
City: OTTAWA State: KS Zip: 66067 + _ _ _ _
Contact Person: BOB REUSCH
Phone: (785) 242-7746
CONTRACTOR: License # 33734
Name: Hat Drilling LLC
Wellsite Geologist: NONE
Purchaser: PACER

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

11/17/2011	11/18/2011	06/25/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-28925-00-00
Spot Description:
NE - SW - SE - SW Sec. 9 Twp. 17 S. R. 22 ☑ East ☐ West
520 Feet from ☐ North / ☑ South Line of Section
3350 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

County: Miami
Lease Name: GRANDON Well #: 19
Field Name:
Producing Formation: SQUIRREL
Elevation: Ground: 1018 Kelly Bushing: 1018
Total Depth: 668 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 661
feet depth to: 0 w/ 106 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

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:** Deanna Garrison **Date:** 03/25/2013

Side Two

[redacted]

1125896

Operator Name: Reusch Well Service, Inc. Lease Name: GRANDON Well #: 19

Sec. 9 Twp. 17 S. R. 22 ☑ East ☐ West County: Miami

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

GAMMA RAY NEUTRON

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
SQUIRREL	618	632

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
SURFACE	9.875	7	20	20	PORTLAND	6	
PRODUCTION	5.625	2.875	6	661	50/50 POZ	106	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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
3	618-632	7166 WATER 4500 SAND	618-632

TUBING RECORD: Size: Set At: Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR.
06/25/2012

Producing Method:
☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

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

SOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 33111
LOCATION Ottawa KS
FOREMAN Fred Made

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/18/11	7069	Grantor-Dale #19	SW 9	17	22	MI

CUSTOMER: Reusch Oil Well

MAILING ADDRESS: P.O. Box 520

CITY	STATE	ZIP CODE
Ottawa	KS	66067

TRUCK #	DRIVER	TRUCK #	DRIVER
506	FREMAD	Safety	mty
495	HARBEC	AJB	
369	DERMAS	DM	
548	REIDET	RD	

JOB TYPE Longstring HOLE SIZE 5 5/8 HOLE DEPTH 670 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 661 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 3.84 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Check casing depth w/ wireline. Mix & Pump 100# Premium Gel Flush. Mix & Pump 106 sks 50/50 Poz Mix Cement 2% Gel. Cement to surface. Flush pump & lines clean. Displace 2½" rubber plug to casing TD w/ 3.84 BBL fresh water. Pressure to 700# PSI. Release pressure to set float valve. Shut in casing

Fred Made

Hot Drilling.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		975.00
5406	25mi	MILEAGE	495		100.00
5402	661	Casing footage			N/C
5407	Minimum	Ton Miles	548		330.00
5502C	1½ hrs	80 BBL Vac Truck	369		135.00
1124	106 sks	50/50 Poz Mix Cement			1107.70
1118B	278#	Premium Gel			55.60
4402	1	2½" Rubber Plug			28.00
			7.55%	SALES TAX	89.94
				ESTIMATED TOTAL	2821.24

246058

Ravin 3737

AUTHORIZTION Bob Reusch 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.