

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 ) 242-2043  
CONTRACTOR: License # 33734  
Name: HAT DRILLING  
Wellsite Geologist: NONE  
Purchaser: PACER

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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 #: \_\_\_\_\_  
12/22/09    1/28/10    10/12/10  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 121-28745-00-00  
Spot Description: \_\_\_\_\_  
SE SW SW Sec. 9 Twp. 17 S. R. 22  East  West  
520 Feet from  North /  South Line of Section  
4,050 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: MIAMI  
Lease Name: GRANDON Well #: 16  
Field Name: PAOLA RANTOUL  
Producing Formation: SQUIRREL  
Elevation: Ground: EST 1035 Kelly Bushing: \_\_\_\_\_  
Total Depth: 721 Plug Back Total Depth: 720  
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: SUREAGE 720  
feet depth to: 605 w/ 103 113 sx cmt.

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**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: [Signature]  
Title: SEC. TREAS Date: 12/20/2010

**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: Dlg Date: 12/29/10

Operator Name: REUSCH WELL SERVICE, INC Lease Name: GRANDON Well #: 16  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum SQUIRREL 658 668  <div style="text-align: center;"> <b>RECEIVED</b>  <b>DEC 23 2010</b>  <b>KCC WICHITA</b> </div>
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CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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 7/8"	7"		20	PORTLAND	6	
PRODUCTION	5 5/8"	2 7/8"		720	50/50 POZ	113	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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	658-668	ACID 15% HCL 250	658-668
		FRAC 4000 BROWN SAND 100 FRAC GEL	658-668

TUBING RECORD:	Size: <u>1"</u>	Set At: <u>668</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>10/12/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>658-668</u>
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**CONSOLIDATED**  
Well Services, LLC

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

TICKET NUMBER 22532

LOCATION Ottawa KS

FOREMAN Fred Maden

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/28/10	7069	Grandon/Dale # 16	sw 9	17	22	MI
CUSTOMER Reusch Well Service			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 520			506	Fred		
CITY Ottawa			368	Ken		
STATE KS			369	Chuck		
ZIP CODE 66667			510	Jason		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 722' CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 720' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 4.2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Check casing depth w/ wire line. Mix Pump 100# Premium Gel Flush. Mix Pump 115 SKS 50/50 Por Mix Cement 2% Gel Cement to surface. Flush pump + lines clean. Displace 2 7/8" Rubber Plug to casing TO w/ 4.2 BBL fresh water. Pressure to 750# PSI. Release pressure to set float valve. Shut in casing.

*Fred Maden*

Hot Drilling

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>		870 <sup>00</sup>
5406	20 mi	MILEAGE <u>Pump Truck</u>		69 <sup>00</sup>
5402	720'	Casing Footage		N/C
5407A	1/2 Minimum	Ton Miles.		148 <sup>00</sup>
5562C	1 1/2 hrs	80 BBL Vac Truck		141 <sup>00</sup>
1124	113 SKS	50/50 Por Mix Cement		10 453 <sup>50</sup>
1119B	293 #	Premium Gel		46 <sup>50</sup>
4402	1	2 1/2" Rubber Plug		22 <sup>00</sup>
			RECEIVED	
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			W/O # 232 846	
			KCC WICHITA	
			6.55%	
			SALES TAX	72 <sup>97</sup>
			ESTIMATED TOTAL	2415 <sup>10</sup>

Revin 3737

AUTHORIZATION

*Bob Jones*

TITLE Top Banana

DATE



**CONSOLIDATED**  
Oil Well Services, LLC

**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: 01/29/2010 Terms:

Page 1

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

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	113.00	9.2500	1045.25
1118B	PREMIUM GEL / BENTONITE	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

*1064  
4400*

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Parts:	1114.13	Freight:	.00	Tax:	72.97	AR	2415.10
Labor:	.00	Misc:	.00	Total:	2415.10		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_