



KANSAS CORPORATION COMMISSION 1056507  
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: NA  
Purchaser: NA

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 #: \_\_\_\_\_

11/30/2010	12/1/2010	12/2/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21707-00-00

Spot Description: \_\_\_\_\_

SE SE SE SW Sec. 29 Twp. 13 S. R. 21  East  West  
200 Feet from  North /  South Line of Section  
2805 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Douglas

Lease Name: RICHARDSON Well #: 1

Field Name: EUDORA SOUTH

Producing Formation: SQUIRREL

Elevation: Ground: 871 Kelly Bushing: 876

Total Depth: 840 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 43 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 160 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: 06/23/2011



1056507

Operator Name: Reusch Well Service, Inc. Lease Name: RICHARDSON Well #: 1  
 Sec. 29 Twp. 13 S. R. 21  East  West County: Douglas

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>SQUIRREL</td> <td>7113</td> <td>720</td> </tr> </table>	Name	Top	Datum	SQUIRREL	7113	720
Name	Top	Datum					
SQUIRREL	7113	720					

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	15	43	PORTLAND	20	

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size:                      Set At:                      Packer At:                      Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil    Bbls.                      Gas    Mcf                      Water    Bbls.                      Gas-Oil Ratio                      Gravity

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**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 # 238413

Invoice Date: 12/08/2010 Terms:

Page 1

REUSCH OIL WELL  
P.O. BOX 520  
OTTAWA KS 66067  
(785)242-6200

RICHARDSON 1  
27280  
SE 29-13-21 DG  
12/02/2010  
KS

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	63.00	9.8400	619.92
1118B	PREMIUM GEL / BENTONITE	338.00	.2000	67.60
Description		Hours	Unit Price	Total
369	80 BBL VACUUM TRUCK (CEMENT)	2.50	100.00	250.00
495	P & A NEW WELL	1.00	925.00	925.00
495	EQUIPMENT MILEAGE (ONE WAY)	30.00	3.65	109.50
510	MIN. BULK DELIVERY	1.00	315.00	315.00

Parts: 687.52 Freight: .00 Tax: 50.18 AR 2337.20  
 Labor: .00 Misc: .00 Total: 2337.20  
 Sublt: .00 Supplies: .00 Change: .00

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



**CONSOLIDATED**  
Oil Well Services, LLC

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

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

TICKET NUMBER 27280

LOCATION Ottawa KS

FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/2/10	7069	Richardson #1	SE 29	13	21	DG
CUSTOMER			TRUCK #			
Mailing Address			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			

CUSTOMER: Reusch Well Service  
 MAILING ADDRESS: P.O. Box 520  
 CITY: Ottawa STATE: KS ZIP CODE: 66067  
 JOB TYPE: Plug HOLE SIZE: 5 7/8" HOLE DEPTH: 840' CASING SIZE & WEIGHT: N/A  
 CASING DEPTH: N/A DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: \_\_\_\_\_  
 SLURRY WEIGHT: \_\_\_\_\_ SLURRY VOL: \_\_\_\_\_ WATER gal/sk: \_\_\_\_\_ CEMENT LEFT in CASING: Full  
 DISPLACEMENT: \_\_\_\_\_ DISPLACEMENT PSI: \_\_\_\_\_ MIX PSI: \_\_\_\_\_ RATE: 4.8 BPM

REMARKS: Establish circulation thru drill pipe. Spot 10 SKS @ 70' - 840' pull to 500' spot 10 SKS @ 500' pull drill pipe to 250'. Fill to surface. Pull remaining drill pipe. Top off well. Wash out drill pipe.

67 SKS Total - 5 SKS 50/50 For Mix Cement 62% Gal

Hat Drilling Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE		925 <sup>00</sup>
5406	30 mi	MILEAGE		109 <sup>50</sup>
5407	Minimum	Ton Miles		315 <sup>00</sup>
5502C	2 1/2 hrs	80 BBL Vac Truck		250 <sup>00</sup>
1124	63 SKS	50/50 For Mix Cement		619 <sup>92</sup>
118B	338#	Premium Gal		67 <sup>60</sup>
		WD # 238413		
			7.3%	50 <sup>00</sup>

AUTHORIZATION: Bob Reusch TITLE: PRES. DATE: 12/8/10  
 SALES TAX ESTIMATED TOTAL: 2337<sup>29</sup>

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

HAT DRILLING  
12371 KS HWY 7  
MOUND CITY, KS 66056  
LICENSE # 33734

*Handwritten notes:*  
11-30-10  
1000-0-1000  
1000-0-1000

Richardson 1  
API # 15-045-21707-00-00  
SPUD DATE 11-30-10

Footage	Formation	Thickness	Set 43' of 7" TD 840' Ran 0' of 2 7/8
2	Topsoil	2	
15	clay	13	
19	river gravel	4	
21	lime	2	
22	shale	1	
25	sand grey	3	
26	shale	1	
43	lime	17	
48	shale black	5	
57	lime	9	
66	shale grey	9	
86	lime	10	
91	shale grey	5	
93	red bed	2	
120	shale grey	27	
134	lime	14	
145	shale grey	11	
147	lime	2	
169	shale	22	
181	lime	12	
202	shale grey	21	
216	lime	14	
218	shale	2	
220	lime	2	
240	shale	20	
250	lime	10	
267	shale black	17	
280	lime	13	
287	shale grey	7	
291	sand	4	
320	lime	29	
327	shale black	7	
369	lime	42	
375	shale	6	
380	sand (gas)	5	
484	shale	104	
488	sand	4	
538	shale	10	
541	lime	3	
545	shale	4	
550	lime	5	
552	shale	2	
563	lime	11	
578	shale	15	
582	lime	4	
593	shale	11	

Footage	Formation	Thickness	
597	sand	4	
600	lime	3	
606	shale grey	6	
614	red bed	8	
617	slate	3	
620	white mulky shale	2	
622	lime	2	
624	shale	2	
626	lime	2	
630	white mulky shale	4	
637	sandy shale	1	
638	sand	1	
639	white mulky shale	1	
644	sand (oil)	5	good odor & bleed
649	sandy shale	3	
713	shale black	66	
720	brown sand	7	
760	shale	40	
765	red bed	5	
814	shale	49	
815	coal	1	
840	shale	25	Dry hole