

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

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 LLC
Wellsite Geologist: NA
Purchaser: PACER
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SIOW _____
_____ Gas ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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 _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
12/09/2010 12/13/2010
Spud Date or _____ Date Reached TD _____ Completion Date or _____
Recompletion Date _____ Recompletion Date _____

API No. 15 - 121-28821-00-00
Spot Description: _____
SE NW NW SE Sec. 5 Twp. 17 S. R. 22 East West
2150 Feet from North / South Line of Section
2275 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: MIAMI
Lease Name: REYNOLDS Well #: 1-4
Field Name: PAOLA RANTOUL
Producing Formation: SQUIRREL
Elevation: Ground: 1108 Kelly Bushing: 1113
Total Depth: 736 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 22 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 731
feet depth to: 0 w/ 112 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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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 TRES Date: 05/26/2011
Subscribed and sworn to before me this 26 day of May
2011
Notary Public: [Signature]
Date Commission Expires: 5-12-11

KCC Office Use ONLY

_____ Letter of Confidentiality Received **RECEIVED**
 If Denied, Yes Date: MAY 31 2011
 Wireline Log Received
_____ Geologist Report Received **KCC WICHITA**
 UIC Distribution
Alt 2-Dlg - 6/9/11



Operator Name: REUSCH WELL SERVICE, INC. Lease Name: REYNOLDS Well #: I-4
 Sec. 5 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: GAMMA RAY NEUTRON LOG	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name <u>SQUIRREL</u> Top <u>676</u> Datum <u>685</u>
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	22	PORTLAND	7	
PRODUCTION	6.25	2.875	5	731	50/50/ POZ MIX	112	GEL

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> 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 _____

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: RECEIVED MAY 31 2011 KCC WICHITA
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 27304

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8678

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/10/10	7069	Reynolds I-4	N6 5	17	22	M1
CUSTOMER Reusch Well Service						
MAILING ADDRESS PO Box 520						
CITY Ottawa		STATE KS	ZIP CODE 66067			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			389	Casey Ken	ck	
			368	Ken Han	KH	
			548	Tim War	TW	
			525	Art McD	AM	370

JOB TYPE Logging HOLE SIZE 5 5/8" HOLE DEPTH 731' CASING SIZE & WEIGHT 2 7/8" EVE
 CASING DEPTH 731' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 2 1/2" rubber plug
 DISPLACEMENT 4.25 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS: established circulation, mixed & pumped 100# Premium Gel followed by 10 bbls fresh water, mixed & pumped 114 sks 50/50 Pozmix cement w/ 2% Premium Gel per sk, cement to surface, flushed pump clean, displaced 2 1/2" rubber plug to casing, w/ 4.25 bbls fresh water, pressured to 700 PSI, released pressure to set float valve, shut in casing.

(Well held pressure for 30 minute MIT)

Held safety meeting before job

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE cement pump	368	925.00
5460	20 miles	MILEAGE pump truck	368	73.00
5407	minimum	ton mileage	548	315.00
5502C	2 hrs	80 bbl use truck	370	200.00
1124	112 sks	50/50 Pozmix Cement	9.84	1102.08
1118B	292 #	Premium Gel	.20	58.40
4402	1	2 1/2" rubber plug		23.00
			7.55%	SALES TAX
				ESTIMATED TOTAL
				2785.84

W/O # 238600

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Rev'n 3737

AUTHORIZATION [Signature] 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.



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 # 238600

Invoice Date: 12/13/2010 Terms: 0/0/30,n/30

Page 1

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

REYNOLDS I-4
27304
NE 5-17-22 MI
12/10/2010

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	112.00	9.8400	1102.08
1118B	PREMIUM GEL / BENTONITE	292.00	.2000	58.40
4402	2 1/2" RUBBER PLUG	1.00	23.0000	23.00
Description		Hours	Unit Price	Total
368	CEMENT PUMP	1.00	925.00	925.00
368	EQUIPMENT MILEAGE (ONE WAY)	20.00	3.65	73.00
370	80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00
548	MIN. BULK DELIVERY	1.00	315.00	315.00

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Parts:	1183.48	Freight:	.00	Tax:	89.36	AR	2785.84
Labor:	.00	Misc:	.00	Total:	2785.84		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLDAND, WY
307/347-4577

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

Reynolds I-4
 API # 15-121-28821-00-00
 SPUD DATE 12-9-10

Footage	Formation	Thickness	Set 22' of 7"	
2	Topsoil	2	TD 736'	
8	clay	6	Ran 731.2' of 2 7/8	
20	lime	12		
31	shale	11		
49	lime	18		
60	shale	11		
86	lime	26		
189	shale	103		
224	lime	35		
233	shale	9		
238	lime	5		
275	shale	37		
290	lime	15		
304	shale	14		
379	lime	75		
408	shale	29		
420	sand	12	oil show	
545	shale	125		
553	lime	8		
594	shale	41		
598	lime	4		
614	shale	16		
618	lime	4		
650	shale	32		
654	lime	4		
662	shale	8		
663	lime	1		
674	shale	11		
676	sand w/shale	2	good odor + bleed	
679	sand w/shale	3	good odor + better bleed	75% sand
681	sand w/shale	2	good odor + bleed	50% sand
683	sand w/shale	2	good odor + bleed	40% sand
685	shale w/sand	3	less odor + bleed	20% sand
691	shale w/ little sand	6		
736	shale	45		

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MIDWEST SURVEYS
 LOGGING - PERFORATING - CONSULTING SERVICES
 P.O. Box 68, Osawatomie, KS 66064
 913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API # 15-121-28,821

Company **Reusch Well Service, Inc.**
 Well **Reynolds No. I-4**
 Field **Paola - Rantoul**
 County **Miami** State **Kansas**

Location		Other Services	
2150' FSL & 2275' FEL SE-SW-NW-SE			
Sec 5	Twp 17s	Rge 22e	Elevation
Permanent Datum GL	Elevation NA		K.B. NA
Log Measured From GL			D.F. NA
Drilling Measured From GL			G.L. NA

Date	05-09-2011		
Run Number	One		
Depth Driller	736.0		
Depth Logger	725.5		
Bottom Logged Interval	724.5		
Top Log Interval	20.0		
Fluid Level	Full		
Type Fluid	Water		
Density / Viscosity	NA		
Salinity - PPM Cl	NA		
Max Recorded Temp	NA		
Estimated Cement Top	0.0		
Equipment No.	Location	107	Osawatomie
Recorded By	Steve Windisch		
Witnessed By	Bob Reusch		

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RUN No.	BORE-HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	22.0	7.00"		0.0	22.0
Two	5.625"	22.0	736.0	2.875"		0.0	731.2

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. The interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Drilling Contractor :
 Hat Drilling, Inc.







