

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 # 31203
Name: Owen's Pumping Service
Address 1: 640 E Sunset Avenue
Address 2: _____
City: Russell State: KS Zip: 67665 + 3128
Contact Person: Owen McQuade
Phone: (785) 483-6321
CONTRACTOR: License # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: Steve Murphy
Purchaser: _____
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.: _____
11/2/2009 11/8/2009 11/8/2009
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 167-23600-00-00
Spot Description: _____
NE NE SW SW Sec. 13 Twp. 15 S. R. 11 East West
1290 Feet from North / South Line of Section
1265 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: Amy Well #: 1
Field Name: Hoch West
Producing Formation: _____
Elevation: Ground: 1821 Kelly Bushing: 1828
Total Depth: 3385 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 687 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 Att I nr 2-22-10
(Data must be collected from the Reserve Pit)
Chloride content: 27,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: Allow to dry and backfill
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: Owen McQuade
Title: owner operator Date: 2-16-10
Subscribed and sworn to before me this 16th day of February,
20 10.
Notary Public: Cheryl M. Payne
Date Commission Expires: August 30, 2011

NOTARY PUBLIC - State of Kansas
CHERYL M. PAYNE
My Appl. Exp. 8-30-11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
FEB 18 2010

KCC WICHITA

Operator Name: Owen's Pumping Service Lease Name: Amy Well #: 1
 Sec. 13 Twp. 15 S. R. 11 East West County: Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, the 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 checked="" type="checkbox"/> Yes <input 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: Dual Induction Log, Dual Compensated Porosity Log, Micro Resistivity Log, Sonic cement bond log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Annydrite</td> <td>677</td> <td>+1151</td> </tr> <tr> <td>Topeka</td> <td>2579</td> <td>-751</td> </tr> <tr> <td>Heebner</td> <td>2869</td> <td>-1041</td> </tr> <tr> <td>Toronto</td> <td>2886</td> <td>-1058</td> </tr> <tr> <td>Lansing</td> <td>2978</td> <td>-1150</td> </tr> <tr> <td>BKC</td> <td>3253</td> <td>-1425</td> </tr> <tr> <td>Arbuckle</td> <td>3325</td> <td>-1497</td> </tr> </table>	Name	Top	Datum	Annydrite	677	+1151	Topeka	2579	-751	Heebner	2869	-1041	Toronto	2886	-1058	Lansing	2978	-1150	BKC	3253	-1425	Arbuckle	3325	-1497
Name	Top	Datum																							
Annydrite	677	+1151																							
Topeka	2579	-751																							
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Toronto	2886	-1058																							
Lansing	2978	-1150																							
BKC	3253	-1425																							
Arbuckle	3325	-1497																							

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 string	12.25	8.525	23	680'	common	275	3% cc, 2% Gel
production pipe	7.875	5.5	15.50	3378'	common	125	10% salt, 5% Gilsomite

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	3332-49	common	50	3% calcium chloride

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	3348-49	300 gal 15% NE	
2	3332-37	500 gal 15% mud acid	
4	3312-14	zones communicated 1000 gal 28% mud acid	
4	3342-26	zones communicated 1000 gal 28% mud acid	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" 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 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3968

Date	11/18/09	Sec.		Twp.		Range		County	Russell	State	KS	On Location		Finish	5:00 PM	
Lease	Amy		Well No.	/		Location Wilson, 6S, 1/2 W, N + W into										
Contractor	Stewart Well Service Rig #								Owner							
Type Job	Squeeze								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size			T.D.													
Csg.	5 1/2"		Depth		Charge To Owen's Pumping											
Tbg. Size	2 7/8"		Depth		Street											
Tool	Reinhart		Depth		City State											
Cement Left in Csg.			Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.											
Meas Line			Displace		CEMENT											
EQUIPMENT										Amount Ordered						100 sx Com 3% U
Pumptrk	9	No.	Cementer	Paul		Common										
			Helper													
Bulktrk	8	No.	Driver	Blake		Poz. Mix										
			Driver													
Bulktrk	PV	No.	Driver	Rocky		Gel.										
			Driver													
JOB SERVICES & REMARKS										Calcium						
Remarks: Plug at 3371'										Hulls						
Test Tools at 3365' - 1000#										Salt						
Perts - 3332' - 3337'										Flowseal						
- 3348' - 3349'																
Packer Set 3238'										Handling						RECEIVED
Mix 50 sx										Mileage						FEB 18 2010
Squeeze to 1500#																KCC WICHITA
wash Tool Clean										FLOAT EQUIPMENT						
										Guide Shoe						
										Centralizer						
										Baskets						
										AFU Inserts						
										Pumptrk Charge						
										Mileage						
										Tax						
										Discount						
										Total Charge						

Quality Oilwell
Cementing

Thank You!!
C. M. M...
Signature

DEC 15 2009
#2293

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3960

Date	11/8/09	Sec.	13	Twp.	15	Range	11 W	County	Russell	State	KS	On Location		Finish	12:30 AM			
Lease	Amy		Well No.	1		Location Wilson, 6S, 1/2 W, N+W into												
Contractor	Royal Drilling Rig #2							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Type Job	Long String							Hole Size	7 7/8"	T.D.	3385'							
Csg.	5 1/2" 15.50 #		Depth	3378'														
Tbg. Size								Charge To	Owen's Pumping Service									
Tool								Street										
Cement Left in Csg.	7.82'		Shoe Joint	7.82'														
Meas Line								Displace	80 1/4 Bbls.						CEMENT			
EQUIPMENT								Amount Ordered	125 com 10% Salt 5% Gilsontite									
Pumptrk	1	No.	Cementer	Paul		Helper		Common	125 @ 10.00									
Bulktrk	11	No.	Driver	Brandon		Driver		Poz. Mix										
Bulktrk	PU	No.	Driver	Joe		Driver		Gel.										
JOB SERVICES & REMARKS								Calcium										
Remarks:	Rathole - 30 sx							Hulls	Gilsontite 500# @									
	Mousehole - 15 sx							Salt	15 @ 12.50									
	Pump 500 gal. Mud Clear							Flowseal	500 gal. Mud Clear - 48 @ 10.00									
	Mix - 80 sx down 5 1/2"							Handling	RECEIVED									
	Land Plug							Mileage	FEB 18 2010									
	AFU Held							5 1/2" FLOAT EQUIPMENT	KCC WICHITA									
								Guide Shoe	1									
								Centralizer	3									
								Baskets										
								AFU Inserts	1 - Rubber Plug									
Thank You!!								Pumptrk Charge	750									
Owen's								Mileage	28 @ 20.00									
Signature								Tax										
								Discount										
								Total Charge										