

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5455
Name: Crawford Oil & Gas Co LLC
Address: PO Box 1366, 1780 Jason Dr
City/State/Zip: El Dorado KS 67042
Purchaser: none
Operator Contact Person: Larry Dale Crawford
Phone: (316) 377-3373
Contractor: Name: WW Drilling, LLC
License: 33575
Wellsite Geologist: Ted Jochems

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

10/29/08	11/4/08	11/5/08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-195-22584-00-00
County: Trego
SE NE SE NW Sec. 3 Twp. 15 S. R. 21 East West
1702 feet from S / (N) (circle one) Line of Section
2484 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: JA Crawford Well #: 1-3
Field Name: Wildcat

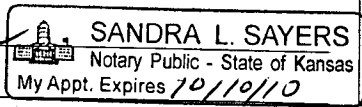
Producing Formation: none
Elevation: Ground: 2077 Kelly Bushing: 2082
Total Depth: 3930 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 201 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan P+ A AH I NCR
(Data must be collected from the Reserve Pit) 3-30-09
Chloride content 21,000 ppm Fluid volume 400 bbls
Dewatering method used Air dry, Backfill
Location of fluid disposal if hauled offsite:
Operator Name: Crawford Oil & Gas Co LLC
Lease Name: Winnie License No.: 5455
Quarter NE Sec. 5 Twp. 15 S. R. 19 East West
County: Ellis Docket No.: _____
API 15051258340000

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: Larry Dale Crawford
Title: OWNER/OPERATOR Date: 1-26-09
Subscribed and sworn to before me this 26th day of January,
2009.
Notary Public: Sandra L Sayers
Date Commission Expires: 10/10/10



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____ **RECEIVED**
 Wireline Log Received **KANSAS CORPORATION COMMISSION**
 Geologist Report Received **JAN 26 2009**
 UIC Distribution **CONSERVATION DIVISION WICHITA, KS**

Operator Name: Crawford Oil & Gas Co LLC Lease Name: JA Crawford Well #: 1-3
 Sec. 3 Twp. 15 S. R. 21 East West County: Trego

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
CDL DIL
PE Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
HEEBNER	3394	-1312
LASING	2434	-1352
BKC	3680	-1598
PAWNEE	3760	-1678
CHEROKEE	3836	-1754
ARBUCKIE	3876	-1794

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	12 1/4	8 5/8	23#	201	common	150	3%cc, 2%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

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 26 2009

CONSERVATION DIVISION
 WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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 Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

QUALITY OILWELL CEMENTING, INC.

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

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

No. 2121

Date	10-30-08	Sec.	3	Twp.	15	Range	21	Called Out		On Location		Job Start		Finish	5:30 AM
Lease	T A Crawford		Well No.	1-3		Location	CRAWFORD		County	TREAS	State	KS			
Contractor	(W) (W) Dicks					6	Owner	FEEL 101 SE 2 2008							
Type Job	SURFACE						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	12 1/4		T.D.	202			Charge To CRAWFORD OIL FMS								
Csg.	8 5/8 23"		Depth	202 201			Street								
Tbg. Size			Depth				City								
Drill Pipe			Depth				State								
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	15		Shoe Joint				CEMENT								
Press Max.			Minimum												
Meas Line			Displace	12.0											
Perf.															
EQUIPMENT							Amount Ordered	150 5x Common							
Pumptrk	E	No.	Cement	Helper			Consisting of	20% GEL 30% CL							
Bulktrk	2	No.	Driver	Driver			Common	150 2							
Bulktrk	Pu	No.	Driver	Driver			Poz. Mix								
JOB SERVICES & REMARKS							Gel.	3 1/2							
Pumptrk Charge			Chloride	5 1/2			RECEIVED KANSAS CORPORATION COMMISSION RECEIVED KANSAS CORPORATION COMMISSION JAN 26 2009 CONSERVATION DIVISION WICHITA, KS								
Mileage			Hulls												
Footage			Salt												
Total							Flowseal	JAN 26 2009							
Remarks:	Kul 5 1/2 8 5/8 23" 150						CONSERVATION DIVISION WICHITA, KS								
							Handling	150 2							
MIX: Pump 150 5x Common							Mileage	.09 PER SQ PER MILE							
20% GEL 30% CL							Sub Total								
15" / 9" 1.36 1/2							Total								
DTG 12.0 55/5 total							Floating Equipment & Plugs								
CLOSE VALVE ON Csg							Squeeze Manifold								
CLCC CMT TO PHT							Rotating Head 8 5/8 WEDGES								
THANKS															
TODD															
DICKS IDE															
PLEASE CALL AGAIN															
Signature							Tax								
							Discount								
							Total Charge								

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY OILWELL CEMENTING, INC.

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

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

No. 2122

Date	Sec. 3	Twp. 15	Range 21	Called Out	On Location	Job Start	Finish 3:00 A.M.
Lease J.A. CRAWFORD	Well No. 1-3	Location CEDAR BLUFF	TRENT County	State KS			
Contractor WW Dels #6	Owner FEEDLOT 3 E SIMO	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 VTA	Hole Size 7 7/8	T.D. 3930	Charge To CRAWFORD OIL & GAS				
Csg.	Depth	Street					
Tbg. Size	Depth	City	State				
Drill Pipe 4 1/2	Depth	The above was done to satisfaction and supervision of owner agent or contractor.					
Tool	Depth						
Cement Left in Csg.	Shoe Joint						
Press Max.	Minimum						
Meas Line	Displace						
Perf.	CEMENT						
EQUIPMENT			Amount Ordered	200 SX 60/40 R2			
Pumptrk 5	No. Cementer/Helper	JOE	Consisting of	4 1/2 CEL 1/4 FIB SEAL			
Bulktrk 2	No. Driver	DOUG	Common	120	8	13	10
Bulktrk P	No. Driver	TOOD	Poz. Mix	80	8	7	10
JOB SERVICES & REMARKS			Gel.	3	8	1	100
Pumptrk Charge	PUMP PLUG		Chloride				
Mileage	36 @ 7.00	252.00	Hulls	RECEIVED KANSAS CORPORATION COMMISSION JAN 26 2009			
Footage	Total		Salt				
Remarks:	1st Plug 3453' 25 SX		Flowseal	CONSERVATION DIVISION WICHITA, KS			
	2nd Plug 1430' 25 SX		Handling				
	3rd Plug 590' 110 SX		Mileage	.09 PER SX PER MILE			
	4th Plug 40' 10 SX		Pump trk Charge	Sub Total			
	R-hole 30 SX		Floating Equipment & Plugs Det hole Plug	Total			
	+ HAWKS		Squeeze Manifold				
	TOOD DOUG		Rotating Head				
	JOE Blake		RECEIVED KANSAS CORPORATION COMMISSION JAN 26 2009				
X Signature	PLEASE CALL 311 114111		CONSERVATION DIVISION WICHITA, KS	Tax			
				Discount			
				Total Charge			

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