

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 Company  
Address: P.O. Box 1366  
City/State/Zip: El Dorado, Kansas 67042  
Purchaser: NCRA  
Operator Contact Person: Larry Dale Crawford  
Phone: ( 316 ) 377-3373  
Contractor: Name: American Eagle Drilling  
License: 33493  
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)

II 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. \_\_\_\_\_

1-3-2006	1-11-2006	2-22-2006
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195223170000  
County: Trego  
SW SW SW NE Sec. 31 Twp. 14S S. R. 21W  East  West  
2530 feet from S (N) (circle one) Line of Section  
2400 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: CBCF Well #: 1-31  
Field Name: Wildcat  
Producing Formation: Cherokee  
Elevation: Ground: 2078' Kelly Bushing: 2085'  
Total Depth: 4160 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 208 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1465 Feet  
If Alternate II completion, cement circulated from 1465  
feet depth to surface w/ 165 sx cmt.

**Drilling Fluid Management Plan** A1+ II NR  
(Data must be collected from the Reserve Pit) 11-3-08  
Chloride content 4200 ppm Fluid volume 6800 bbls  
Dewatering method used Evaporation 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: [Signature]  
Title: Operator Date: 5-1-06  
Subscribed and sworn to before me this 1st day of May,  
20 06.

Notary Public: Sandra L. Sayers  
Date Commission Expires: 10/10/06

 **SANDRA L. SAYERS**  
Notary Public - State of Kansas  
My Appt. Expires 10/10/06

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

**RECEIVED**  
**MAY 02 2006**  
**KCC WICHITA**

Operator Name: Crawford Oil Company Lease Name: CBCF Well #: 1-31  
 Sec. 31 Twp. 14S S. R. 21W  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: <b>DIL/CDL/PE/Sonic Log</b> <b>DUAL RECEIVER CEMENT LOG</b>	<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>Stone Corral</td> <td>1448</td> <td>+637</td> </tr> <tr> <td>Heebner</td> <td>3450</td> <td>-1365</td> </tr> <tr> <td>Lansing</td> <td>3489</td> <td>-1404</td> </tr> <tr> <td>BKC</td> <td>3754</td> <td>-1669</td> </tr> <tr> <td>Pawnee</td> <td>3825</td> <td>-1740</td> </tr> <tr> <td>Cherokee Shale</td> <td>3909</td> <td>-1824</td> </tr> <tr> <td>Kutina</td> <td>3960</td> <td>-1876</td> </tr> <tr> <td>Mississippian</td> <td>4000</td> <td>-1915</td> </tr> </table>	Name	Top	Datum	Stone Corral	1448	+637	Heebner	3450	-1365	Lansing	3489	-1404	BKC	3754	-1669	Pawnee	3825	-1740	Cherokee Shale	3909	-1824	Kutina	3960	-1876	Mississippian	4000	-1915
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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	12 1/4"	8 7/8"	24#	208'	Common	175	2% gel 3% cc
Production	7 7/8"	5 1/2"	15.5 R-3	4105	EA-2	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1465'	SMD	250	1/4 # flocele
Cementing of	port collar to protect	fresh water		

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
4	3941-3945    16 Holes	none	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 7/8 "	3966.78'			<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
3-9-2006			<input type="checkbox"/> Flowing <input checked="" 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		
	28.5		0		42		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

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JOB LOG

SWIFT Services, Inc.

DATE 1-11-06 PAGE NO. 7

CUSTOMER: CRAWFORD OIL WELL NO. 1-31 LEASE CBCF JOB TYPE 5 1/2" LONG STRING TICKET NO. 9523

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0030							ON LOCATION
	0230							START 5 1/2" CASING IN WELL
								TD- 4160 SITE 4107
								TP- 4109 5 1/2" / FT 15.5
								SI- 35'
								CORRECTIONS - 1, 2, 3, 4, 5, 6, 7, 8
								CMT BENT - 62, 63
								PORT COLLAR = 1465 TOP JOINT 62
	0715							DROP BALL - CALCULATE ROTATE
	0750	6	12		✓		450	PUMP 200 GAL MUD FLUSH "
	0752	6	20		✓		450	PUMP 20 BBS KILL FLUSH "
	0757		4					PLUG RH
	0800	5 1/2	36		✓			MIX CEMENT - 150 SPS EA-2 "
	0807							WASH OUT PUMP - LINES
	0808							RELEASE LATCH DOWN PLUG
	0810	6 1/2	0		✓		300	DISPLACE PLUG "
		6 1/2	87				750	SHOT OFF ROTATING
	0825	6	97				1750	PLUG DOWN - PSE UP WITH NEW PLUG
	0828						OK	RELEASE PSE - HELD
								WASH-UP
	0900							JOB COMPLETE

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THANK YOU  
WARR, DUSTY, SWAJE



**JOB LOG**

**SWIFT Services, Inc.**

DATE 1-25-06 PAGE NO. 7

CUSTOMER CRAWFORD OIL WELL NO. 1-31 LEASE CRCF JOB TYPE CSMWT PORT COLLAR TICKET NO. 9742

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
								2 7/8 x 5 1/2 PORT COLLAR @ 1465'
	0900				✓		1000	PSI TEST CASING - HELD
	0905	3	3	✓			400	OPEN PORT COLLAR - 2HT RATE
	0910	4	139	✓			400 <sup>AK</sup>	MAX CMWT 250 SKS SAA 1/4" /K FLOOR
	0940	3 1/2	7 1/2	✓			550	DISPLACE CMWT
	0950				✓		1000	CLOSE PORT COLLAR - PSI TEST - HELD
								CIRCULATE 15 SKS CMWT TO BIT
	1000	3	25		✓		400	RW 4.0'S CIRCULATE CLEAN
								WASH UP TRUCK
								PULL TOOL
	1030							JOB COMPLETE

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KGC WICHITA

THANK YOU  
WAYNE, MISTY, BERTT

# ALLIED CEMENTING CO., INC.

22457

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: New City

DATE <u>1-3-06</u>	SEC. <u>31</u>	TWP. <u>14</u>	RANGE <u>21</u>	CALLED OUT <u>1:45pm</u>	ON LOCATION <u>3:00pm</u>	JOB START <u>6:45pm</u>	JOB FINISH <u>7:15pm</u>
LEASE <u>CBCF</u>	WELL # <u>1-31</u>	LOCATION <u>4+147 det 9/4W 2 1/2 E 1/4 W</u>		COUNTY <u>Prigg</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>1W</u>			

CONTRACTOR American Eagle Drilling #1 OWNER \_\_\_\_\_

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 213

CASING SIZE 8 5/8 DEPTH 208

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

DISPLACEMENT 12 1/2

CEMENT AMOUNT ORDERED 165 Cum 3" ICC 2" Head

COMMON	<u>165 cu</u>	@	<u>8.70</u>	<u>1,435.50</u>
POZMIX		@		
GEL	<u>3 cu</u>	@	<u>14.00</u>	<u>42.00</u>
CHLORIDE	<u>5 cu</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>173 cu</u>	@	<u>1.60</u>	<u>276.80</u>
MILEAGE	<u>34</u>	@	<u>173 cu</u>	<u>352.92</u>
TOTAL				<u>2297.22</u>

REMARKS:

New 23#  
circ 8 5/8 casing pump  
mix cement, pump plug w/ 12 1/2 GBL  
cement chd Circ.

Thanks

CHARGE TO: Crawford Oil Co  
STREET P.O. Box 1366  
CITY El Dorado STATE KS ZIP 67042

SERVICE

DEPTH OF JOB 208

PUMP TRUCK CHARGE 670.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 34 @ 5.00 170.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

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**KCC WICHITA** TOTAL 840.00

PLUG & FLOAT EQUIPMENT

8 7/8 Top WOOD @ 55.00 55.00

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or

Allied Cementing Co., Inc  
P.O. Box 31

Russell, KS 67665

\*\*\*\*\*  
\* I N V O I C E \*  
\*\*\*\*\*

Invoice Number: 100172

Invoice Date: 01/12/06

Sold Crawford Oil Company  
Co: P. O. Box 1366  
Eldorado, KS  
67042-1366

Cust I.D.....: CrawOi  
P.O. Number...: CBCF #1-31  
P.O. Date.....: 01/12/06

Due Date.: 02/11/06  
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	165.00	SKS	8.7000	1435.50	T
Oil	3.00	SKS	14.0000	42.00	T
Chloride	5.00	SKS	38.0000	190.00	T
Handling	173.00	SKS	1.6000	276.80	E
Mileage	34.00	MILE	10.3800	352.92	E
173 sks @.06 per sk per mi					
Surface	1.00	JOB	670.0000	670.00	E
Mileage pmp trk	34.00	MILE	5.0000	170.00	E
VP	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$ 319.22  
ONLY if paid within 30 days from Invoice Date

Subtotal: 3192.22  
Tax.....: 99.90  
Payments: 0.00  
Total....: 3292.12

319.22  
3,972.90

# 10322  
~~32~~

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