

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6655
Name: Crawford Production Company
Address: P.O. Box 727
City/State/Zip: El Dorado, KS 67042
Purchaser: Farmland
Operator Contact Person: Garry F. Crawford
Phone: (316) 321-3942
Contractor: Name: Summit Drilling
License: 30141
Wellsite Geologist: Dean Seeber

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

2-2-01 2-9-01 3-13-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 015-23588-0000
County: Butler
E2 E2 SE Sec. 5 Twp. 27 S. R. 6 East West
1320 feet from (S) N (circle one) Line of Section
330 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: West Beadles Well #: 3
Field Name: Reynolds-S----

Producing Formation: Mississippi
Elevation: Ground: 1396 Kelly Bushing: GL+10ft
Total Depth: 3165 Plug Back Total Depth: 3149
Amount of Surface Pipe Set and Cemented at 211 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 CGF I KGR 1/05/08
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 500 bbls
Dewatering method used _____

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: Garry F. Crawford

Title: Operator Date: 5-14-01

Subscribed and sworn to before me this 15th day of MAY

Notary Public DEREK D. BEAMAN
State of Kansas
My Appf. Exp. 12-14-04

Date Commission Expires: Dec. 14, 2004

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Crawford Production Company Lease Name: West Beadles Well #: 3
 Sec. 5 Twp. 27 S. R. 6 East West County: Butler

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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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		85/8	20#	211	Class A	125	4sx c. chloride
Production		51/2	14#	3149	Class A	125	3sx 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
2-2-1 5 shots	3136 to 3139 Viola formation	250 gal	
2 12 shots	2750 to 2756 Mississippi formation	1500 gal	
	Set plug at 2780		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		27/8	2747			
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
4-12-01			<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	
	2		45		35	

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify)

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 22 2001
 CONSERVATION DIVISION

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC. ORIGINAL 2646

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 02-09-01 COUNTY Butler
 CHG. TO: Crawford Prod. ADDRESS P.O. Box 727
 CITY Eldorado STATE Kansas ZIP 67042
 LEASE & WELL NO. Beadles West #3 SEC. 5 TWP 27S RNG. 6E
 CONTRACTOR Summit Drilling TIME ON LOCATION 3:30P
 KIND OF JOB Production Cwg
 SERVICE CHARGE: DW 855.80

QUANTITY	MATERIAL USED	TYPE		
125 gal	Class A	@	5.70	712.50 x
3 gal	gal	@	9.50	28.50 x
128	BULK CHARGE	@	.89	113.92 x
16	BULK TRK. MILES (6.50 tons x 16 x 16 miles)	mi. Cwg @		85.00 x
16	PUMP TRK. MILES	oneway @ 200 per mile		32.00
	2 hrs @ 4 hrs @ 50.00 per hr.			100.00
1	PLUGS	5 1/2 Top Rubber		51.00 x
	SALES TAX			58.46
	TOTAL			2,037.18

T. D. 3163 CSG. SET AT 3163 VOLUME _____
 SIZE HOLE 7 1/8 TBG SET AT _____ VOLUME _____
 MAX. PRESS. 1100 SIZE PIPE 5 1/2
 PLUG DEPTH 3150 PKER DEPTH _____
 PLUG USED Top Rubber TIME FINISHED 9:30P
 REMARKS: Ran 5 1/2 Cwg to 3163 K.B. - Drop ball for insert Pump Ball through + Circulate - Pump 5 BBL's Fresh H2O followed by 125 gal Class A 26 gal - Wash out pump + line - Release Plug + W. line - Start Disp - Plug @ 1885' Cement @ Shoe 200# - Plug @ 2240 Start life PSI 350# - Plug @ 2950 Final Disp PSI 600# - Bump Plug to 1100# - Tag Plug @ 3150' - Release PSI - direct held! Good Returns throughout job!

EQUIPMENT USED

NAME Chet Johnson UNIT NO. 14 NAME Jim Thomas UNIT NO. 3

CEMENTER OR TREATER

OWNER'S REP.

SERVICE TICKET

ORIGINAL
2644

UNITED CEMENTING & ACID CO., INC.

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4880

DATE 2-3-01 COUNTY Butler
 CHG. TO: Crawford Prod. Co ADDRESS P.O. Box 727
 CITY Eldorado STATE Kansas ZIP 67042
 LEASE & WELL NO. West Beadles # 3 SEC. 5 TWP 27S RNG. 6E
 CONTRACTOR Summit Poly. Co. TIME ON LOCATION 4:00 A
 KIND OF JOB Surface Casing
 SERVICE CHARGE: NW 450.00

QUANTITY	MATERIAL USED	TYPE	
1254	Class A	@ \$7.70	712.50x
44	Calcium Chloride	@ 26.00	104.00x
1294	BULK CHARGE	@ .89	114.81x
12	BULK TRK. MILES	(150 tons x .66 x 12 mi / 15)	85.00x
12	PUMP TRK. MILES	(one way @ 200 per mi)	24.00
	PLUGS	None	
	SALES TAX		59.96
	TOTAL		650.27

T. D. 228 CSG. SET AT 228 VOLUME _____
 SIZE HOLE 12 1/4 TBG SET AT _____ VOLUME _____
 MAX. PRESS. _____ SIZE PIPE 8 5/8 New 20*
 PLUG DEPTH Cement @ 208' PKER DEPTH _____
 PLUG USED _____ TIME FINISHED 6:00 A

REMARKS: Run 8 5/8 Csg to 228' - Break Circulation - Miss Pump
1254 Class A 26 CC - Displace Cement to 208' & Shut In
Circulated Apr 30 up to pit!

EQUIPMENT USED

NAME <u>Chet Johnson</u>	UNIT NO. <u>10</u>	NAME <u>Jim Thomas</u>	UNIT NO. <u>7</u>
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Neal [Signature] CEMENTER OR TREATER
 OWNER'S REP. [Signature]