

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

Operator: License # 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029
Purchaser: PRG
Operator Contact Person: _____
Phone: (316) 582-2612
Contractor: Name: DUKE DRILLING CO., INC
License: 5929
Well-site Geologist: _____

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: SUNRAY AND RINE DRILLING
Well Name: F. W. BRINKMAN #1

Original Comp. Date: 5/12/60 Original Total Depth: 6390'

☐ 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. _____

5/30/00 6/1/00 6/1/00
Spud Date or Date Reached TD Completion Date or
Re completion Date Recompletion Date

API No. 15 - 033-00037-0001

County: Comanche

C SE SE Sec. 3 Twp. 34 S. R. 18 ☐ East ☒ West

660 feet from (S) / N (circle one) Line of Section

660 feet from (E) / W (circle one) Line of Section

Proportions Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: R BLOUNT Well #: 2 "OWWO"

Field Name: Buttermilk East

Producing Formation: Mississippian

Elevation: Ground: 1876' Kelly Bushing: 1884'

Total Depth: 6059' Plug Back Total Depth: 5389

Amount of Surface Pipe Set and Cemented at _____ 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

(Data must be collected from the Reserve Pit)

Chloride content 62,000 ppm Fluid volume 400 bbls

Dewatering method used haul off

Location of fluid disposal if hauled offsite:

Operator Name: GORDON KEANE

Lease Name: HARMON License No.: 5993

Quarter NW Sec. 11 Twp. 33 S. R. 20 ☐ East ☒ West

County: Comanche Docket No.: 22304

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: Mark Cimrick

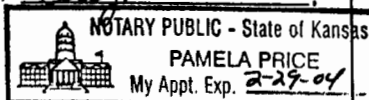
Title: Supt. Operation Date: 8-7-00

Subscribed and sworn to before me this 7th day of Aug.

2000

Notary Public: Pamela Price

Date Commission Expires: Feb. 29, 2004



KCC Office Use ONLY

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

Operator Name: CRAWFORD OIL & GAS, INC. Lease Name: R. BLOUNT Well #: 2 "OWWO"
 Sec. 3 Twp. 34 S. R. 18 ☐ East ☒ West County: Comanche

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:

Spectral Density Neutron
 High Resolution Induction

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

CASING RECORD ☐ New ☐ 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	# Sacs Used	Type and Percent Additives
Conductor		20"					
Surface	12-1/4"	8-5/8"	24#	1489'			
Production	7-7/8"	4-1/2	10.5#	5463.	Class H	125	10% salt, 5% Kaol

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: _____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

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
6 SPF	5252-56		1000 Gal. 15% Acid	90T CO ₂	
6 SPF	5296-5306		160 Sx Sand	400 Bbl. H ₂ O	

TUBING RECORD		Size 2 3/8	Set At 5206	Packer At NA	Liner Run ☐ Yes ☒ No	
Date of First, Resumerd Production, SWD or Enhr. WOPL			Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 250	Mcf	Water 20	Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____