

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

COPY

Operator: License # 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029
Purchaser: ANR
Operator Contact Person: MARK PINNICK
Phone: (316) 582-2612
Contractor: Name: DUKE DRILLING CO., INC.
License: 5929
Well Geologist: Jon Christensen
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. _____
5-8-00 5/24/00 5/31/00
Sp. Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
STATE CORPORATION COMMISSION

JUL 26 2000

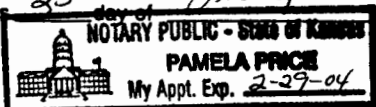
API No. 15 - 033-21,058
County: Comanche
App. SE - NE - SE Sec. 34 Twp. 33 S. R. 18 ☐ East ☒ West
1625 feet from (S) / N (circle one) Line of Section
320 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: R. BLOUNT Well #: 1
Field Name: Buttermilk East
Producing Formation: Heartha & Pawnee
Elevation: Ground: 1891' Kelly Bushing: 1899'
Total Depth: 6030' Plug Back Total Depth: 5244
Amount of Surface Pipe Set and Cemented at 588 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 ALT 1 9H 9/12/00
(Data must be collected from the Reserve Pit)
Chloride content 22,000 ppm Fluid volume 700 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 Pinnick
Title: Supt. Operations Date: 7-25-00
Subscribed and sworn to before me this 25th day of July
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 #:

1 X

Sec. 34 Twp. 33 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:

High Resolution Induction
Spectral Density Neutron
Cement Bond

☐ 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	# Sacks Used	Type and Percent Additives
Conductor		20"		40	10Sack Grout	4 yds	
Surface	12-1/4"	8-5/8"	24#	588	Lite	225	3cc, 1/4# Flocc
Production	7-7/8"	4-1/2"	10.5#	5305	Premium	260	10%Salt, 5% Kals

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
6 spf	4912-15	1000 Gal 15% acid	
6 spf	5096-99		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5045	N/A	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
WOPL	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	300			

Disposition of Gas METHOD OF COMPLETION

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

☐ Open Hole ☒ Perf.
☐ Other (Specify)

Produced to 4912' - 5099'
Produced to 4912' - 5099'

4912' - 4915'
5096' - 5099'