

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

me

Operator: License # 32429
Name: CRAWFORD OIL & GAS, INC.
Address: P. O. Box 51
City/State/Zip: Coldwater, Kansas 67029
Purchaser: _____
Operator Contact Person: _____
Phone: (316) 582-2612
Contractor: Name: DUKE DRILLING CO., INC.
License: 5929
Wellsite Geologist: Jon Christensen
Design 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. _____
3/28/00 4/15/00 4/18/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date

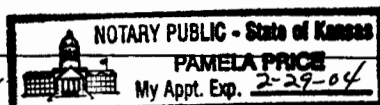
API No. 15 - 033-21076
County: Comanche
65' W. SE. SE. SW Sec. 6 Twp. 34 S. R. 18 ☐ East ☒ West
330 feet from (S) / N (circle one) Line of Section
2245 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: KING Well #: 1
Field Name: Wildcat
Producing Formation: Mississippian
Elevation: Ground: 1895' Kelly Bushing: 1903'
Total Depth: 6200' Plug Back Total Depth: 5518'
Amount of Surface Pipe Set and Cemented at 612' 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 14,000 ppm Fluid volume 600 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

STATE CORPORATION COMMISSION
RECEIVED
JUL 24 2000
WICHITA, KANSAS

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: 7-24-00
Subscribed and sworn to before me this 24th day of July,
19 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: KING Well #: 1
 Sec. 6 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)

Test 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	# Sacs Used	Type and Percent Additives
Conductor		20"		60'	10 Sack Grout		
Surface	12-1/4"	8-5/8"	24#	612'	Lite	225	3%cc, 1/4# Floseal
Production	7-7/8"	4-1/2"	10.5#	5569'	AA-2	170	10% salt, 5# gil, 1/2% FLA322

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
6 spf	5324-30	1000 Gal 15% acid 90 T CO ₂	
6 spf	5346-50	160 sx sand 400 Bbl. Water	
6 spf	5361-66		

UBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5287	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	150	40		

Disposition of Gas **METHOD OF COMPLETION**

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

☐ Open Hole ☒ Perf.
☐ Other (Specify)

Production Interval

