

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 # 32880
Name: J.K. Brown, Inc.
Address: 1732 Wazee St., Ste 204
City/State/Zip: Denver, CO 80202
Purchaser: Duke Energy
Operator Contact Person: Jamie Brown
Phone: (303) 295-2223
Contractor: Name: Murfin Drilling
License: 30606
Wellsite Geologist: Shine Overby

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. _____
12-5-02 12-16-02 1-7-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 025-21245-00-00
County: Clark
980' N of _____
_____ - se Sec. 24 Twp. 34 S. R. 25 ☐ East ☒ West
_____ 2400 feet from (S) / N (circle one) Line of Section
_____ 1320 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Cox Well #: 1

Field Name: McKinney

Producing Formation: Chester

Elevation: Ground: 2026' Kelly Bushing: 2034'

Total Depth: 5850' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 684' circ. to surface 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 N/A ppm Fluid volume 120 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite:

Operator Name: Nichols Water Service

Lease Name: Nichols #3 License No. PIN 84270

Quarter NE Sec. 30 Twp. 6N S. R. 24 ☒ East ☐ West

County: Beaver Docket No.: 407349 OCC #

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: _____

Title: President Date: January 21, 2003

Subscribed and sworn to before me this 21st day of January

19 2003.

Notary Public: Michelle Polich

Date Commission Expires: 4/30/05

KCC Office Use ONLY

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

Operator Name: J.K. Brown, Inc Lease Name: Cox Well #: 1
 Sec. 24 Twp. 34 S. R. 25 ☐ East ☐ West County: Clark

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)

see attached tests

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No

(Submit Copy)

List All E. Logs Run:

Composition neutron and density,
micro resistivity array induction.

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

Name	Top	Datum
Heebner Shale	4385	(3649)
Swope LS	5075	(4959)
Morrow	5425	(4609)
Chester	5618	(4416)

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
Surface	12 $\frac{1}{4}$ "	8 5/8"	24.5	684'	Class A	375	3% CaCl 1/4 lb. Flo-seal
Production	7 7/8"	4 1/2 "	10.5	5844'	Class A	175	5% Fl-160

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	5680'-5701'	1500 Gal 15% HCL	
		50 Ball sealers	

TUBING RECORD		Size 2 3/8"	Set At	Packer At 5623'	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 1-24-03			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 01 Bbls.	Gas Mcf 100 Mcf	Water Bbls. 10 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)