

**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 # 5062
Name: Geo. R. Shaw
Address: 150 N. Main, Suite 1001
City/State/Zip: Wichita, Kansas 67202
Purchaser: ONEOK
Operator Contact Person: Ron Osterbuhr
Phone: (620) 275-7888
Contractor: Name: Cheyenne Drilling, Inc.
License: 5382

Wellsite Geologist: Ron Osterbuhr

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. _____

10/29/2002 10/31/2002 01/06/2003

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 093-21717

County: Kearny

SW - - - - - Sec. 34 Twp. 24 S. R. 38 ☐ East ☒ West

1650 feet from (S) / N (circle one) Line of Section

1550 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Smalley Well #: 5-34

Field Name: Hugoton

Producing Formation: Chase Group

Elevation: Ground: 3192' Kelly Bushing: 3197'

Total Depth: 2635' Plug Back Total Depth: 2626'

Amount of Surface Pipe Set and Cemented at 267 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2632

feet depth to surface w/ 395 sx cmt.

Drilling Fluid Management Plan ALT 2 278 3/19/03
(Data must be collected from the Reserve Pit)

Chloride content 68,000 ppm Fluid volume 1050 bbls

Dewatering method used haul off free water, then evaporation

Location of fluid disposal if hauled offsite:

Operator Name: Geo. R. Shaw

Lease Name: Smalley #3-34 License No.: 5062

Quarter NW Sec. 34 Twp. 24 S. R. 38 East ☒ West

County: Kearny Docket No.: 18215

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: Ronald A. Osterbuhr

Title: AGENT Date: 1-12-03

Subscribed and sworn to before me this 12th day of January

in 2003

Notary Public: K. Renee Spillman

Date Commission Expires: 2-21-03

KCC Office Use ONLY

☐ Letter of Confidentiality Attached

☒ If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Operator Name: Geo. R. Shaw Lease Name: Smalley Well #: 5-34
 Sec. 34 Twp. 24 S. R. 38 East ☒ West County: Kearny

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	T/Permian	660'	+2537'
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Stone Corral	1932'	+1265'
List All E. Logs Run:		T/Hollenberg	2408'	+ 789'
DSN-G/R-CCL (cased-hole only)		T/Chase	2438'	+ 759'
		T/Winfield	2503'	+ 694'

CASING RECORD <input checked="" 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	12.250"	8.625"	24#	267'	Prem+ C	195sx	2%CC,.25# FC
Production	7.875"	5.500"	14#	2632'	Midcon C	320sx	2%CC,.25# FC
				2632'	Prem+	75sx	.5%HA,2%CC

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
4/spf	2452'-2462', 2504'-2514', 2564'-2572'	2500 gallons of 15% FE/MSA acid;	all perf.
		317bbbls gelled water; 240,000scf N2;	
		99,000# 12-20 "Brady" sand	
TUBING RECORD		Liner Run	
Size	Set At	Packer At	Yes <input checked="" type="checkbox"/> No
2.375"	2603'	none	
Date of First, Resumed Production, SWD or Enhr. 01/06/2003		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.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
		240 mcf	0

Disposition of Gas ☐ Vented ☒ Sold ☐ Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) 2452' - 2572' OA