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 # 5249
Name: Osborn Heirs Company
Address: P. O. Box 17968
City/State/Zip: San Antonio, Tx 78217
Purchaser: pipeline connection is pending (Williams)
Operator Contact Person: Nancy A. FitzSimon
Phone: (210) 826-0700 ext 223
Contractor: Name: Cheyenne Drilling
License: 5382
Wellsite Geologist: na

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.

10/06/2001	10/08/2001	01/08/2002
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21766-0000
County: Finney
___ - ___ - ___ - SW Sec. 09 Twp. 24 S. R. 31 ☐ East ☑ West
1250 feet from (S) / N (circle one) Line of Section
1250 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Miller-Ritchey Well #: 1B
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 2908 ft Kelly Bushing: 2915 ft
Total Depth: 2810 ft Plug Back Total Depth: 2757 ft
Amount of Surface Pipe Set and Cemented at 341.65 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set ___ Feet
If Alternate II completion, cement circulated from 341.65
feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 9500 ppm Fluid volume ___ bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: ___ License No.:
Quarter ___ Sec. ___ Twp. ___ S. R. ___ ☐ East ☐ West
County: ___ Docket No.:

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: Nancy A. FitzSimon
Title: Engineering Manager Date: 2/26/02
Subscribed and sworn to before me this 26th day of February,
XX 2002
Notary Public: Mary J. Castorena
Date Commission Expires:

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

Operator Name: Osborn Heirs Company Lease Name: Miller-Ritchey Well #: 1B

Sec. 09 Twp. 24 S. R. 31 ☐ East ☑ West County: Finney

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, dual spaced neutron, gamma ray, high resolution induction, spectral gamma ray

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

Name	Top	Datum
Herrington	2670	+245
Krider	2694	+221
Winfield	2758	+157

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
surface	12-1/4"	8-5/8"	23.00	341.65 ft	premium	300	2% CaCl2
production	7-7/8"	5-1/2"	14.00	2804.57 ft	premium +	510	1% CaCl2

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
4	Herrington @ 2676-2688 ft (total 12 ft, 48 holes)	} acidized with 3000 gal 7-1/2% HCl acid	
4	Krider @ 2700-2714 ft (total 14 ft, 56 holes)	} fracture treated with 15,000 gal 70 quality	
		} nitrogen foam containing	
		} 21,000 lbs 16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2728 ft	na	☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr.: Shut-in, waiting on pipeline connection

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

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

Disposition of Gas: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other *(Specify)*

Production Interval