

**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 El Paso  
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. ~~AKO~~  
☒ 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. \_\_\_\_\_

10/01/2001 10/03/2001 12/15/2001  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 093-21687-0000  
County: Kearny  
\_\_\_\_\_ se Sec. 28 Twp. 22 S. R. 37 ☐ East ☒ West  
1495 feet from (S) N (circle one) Line of Section  
1505 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Finn Well #: 2B  
Field Name: Hugoton

Producing Formation: Chase  
Elevation: Ground: 3247 ft Kelly Bushing: 3254 ft  
Total Depth: 2939 ft Plug Back Total Depth: 2888 ft  
Amount of Surface Pipe Set and Cemented at 267.57 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 267.57  
feet depth to surface w/ 200 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content 18,000 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.: \_\_\_\_\_

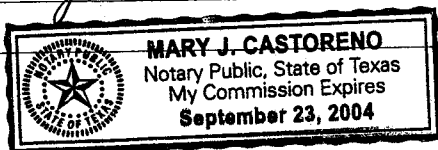
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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. Castoreno  
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: Finn Well #: 2B  
 Sec. 28 Twp. 22 S. R. 37 ☐ 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 ☐ 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:

compensated neutron, litho-density, gamma ray, natural gamma ray spectroscopy, array induction, microlog

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

Name	Top	Datum
Chase	2568	+686
Winfield	2617	+637
Fort Riley	2710	+544
Council Grove	2812	+442

### 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	267.57 ft	premium	200	2% CaCl <sub>2</sub>
production	7-7/8"	5-1/2"	14.00	2938 ft	premium +	610	.6% Halad 322

### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 @ 2576-2580 ft (total of 4 ft, 16 holes)	} acidized with 3000 gal 7-1/2% HCl acid	
4	Krider @ 2584-2588 ft (total of 4 ft, 16 holes)	} fracture treated with 40,000 gal 70 quality	
4	Winfield @ 2618-2630 ft (total of 12 ft, 48 holes)	} and 65 quality nitrogen foam containing	
		} 73,000 lbs 12/20 sand	

TUBING RECORD	Size 2-3/8"	Set At 2687 ft	Packer At na	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 2/12/2002		Producing Method <b>Gas thru annulus, water thru tubing</b> <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. zero	Gas Mcf 80	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_