

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5249

Name: Osborn Heirs Company

Address P. O. Box 39

City/State/Zip Kendall, Kansas 67857

Purchaser: Duke Energy

Operator Contact Person: Art Childers

Phone (316) 373-2701

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: None

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

Plug Back _____ PBTB _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

1-13-2000 1-15-2000 2-05-2000
Spud Date Date Reached TD Completion Date

API NO. 15- 093- 21655-0000

County Kearny

- - E/2 - NE Sec. 15 Twp. 21S Rge. 38 X W

1,320 Feet from S (circle one) Line of Section

1,250 Feet from E (circle one) Line of Section

Stobages Calculated from Nearest Outside Section Corner:
NE SE, NW or SW (circle one)

Lease Name Wright Well # 1

Field Name Hugoton

Production Formation Hugoton Chase

Elevation: Ground 3,356' KB 3,361'

Total Depth 2,915' PBTB 2,851'

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2,911'
feet depth to _____ surface w/ 550 sx cmt.

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

Chloride content 44,000 ppm Fluid volume 2,700 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 on 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 Arthur P. Childers

Title Engineer Date 5-15-2000

Subscribed and sworn to before me this 15 day of May 2000.

Notary Public Becky Lusung

Date Commission Expires 4-17-02

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

Operator Name Osborn Heirs Company Lease Name Wright Well # 1

Sec. 15 Twp. 21S Rge. 38 East West County Kearny

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: SDL-DSN CSNG HRIL

Log **Formation (Top), Depth and Datums** Sample

Name	Top	Datum
Herrington - Krider	2,583'	+ 778'
Winfield	2,624'	+ 737'
Towanda	2,662'	+ 709'
Fort Riley	2,700'	+ 661'

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	209'	Premium Plus	200	2% CaCl2 and 1/4 #/sx. flocele
Production	7-7/8"	5-1/2"	14	2,911'	Halliburton Lite	450	1/4 #/ sack flocele
					Premium Plus	100	1% CaCl2, 0.6% Halad - 322, and 1/4 #/sx. Flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record
4	Winfield 2,624' to 2,628'	Acidize with 2,500 gallons 7-1/2% HCl w 144 1.1 SG ball sealers.
4	Winfield 2,632' to 2,639'	Erac with 21,600 gallons 70 quality N2 foam and 6,000 gallons 65 N2 foam with 60,200 # 12-20 sand.
4	Towanda 2,665' to 2,670'	
4	Towanda 2,673' to 2,677'	
4	Towanda 2,684' to 2,688'	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	2,741'	----	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method			
4-19-2000		Pumping			
Estimated Production Per 24 Hours		Oil	Gas	Water	Other (Explain)
		Bbls.	Mcf	Bbls.	Flowing Pumping Gas Lift Gravity
		-----	110	170	Gas-Oil Ratio

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 2,624' -2,688' overall

(If vented, submit ACO-18.) Other (Specify) _____

Production Interval