

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: PL connection is Duke Energy
Operator Contact Person: Nancy A. FitzSimon
Phone: (210) 826-0700 ext 223
Contractor: Name: SUPERIOR WELL SERVICING
License: 32297
Wellsite Geologist: N/A
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: Osborn Heirs Company
Well Name: Rupp #1
Original Comp. Date: 10/17/78 Original Total Depth: 3065 ft
☐ Deepening XXX Re-perf. ☐ Conv. to Enhr./SWD
☒ Plug Back 2690 ft Plug Back Total Depth
☐ Commingled Docket No.
☐ Dual Completion Docket No.
☐ Other (SWD or Enhr.?) Docket No.

6/10/02 6/21/02
~~Spud Date or~~ Date Reached TD ~~Completion Date or~~
Recompletion Date Recompletion Date

API No. 15 - 093-20572-DDD1
County: Kearny
W/2 - E/2 - S/2 Sec. 2 Twp. 21 S. R. 38 ☐ East ☒ West
2640 feet from (S) / N (circle one) Line of Section
1260 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW
Lease Name: Rupp Well #: 1

Field Name: Hugoton
Producing Formation: Chase (Krider)

Elevation: Ground: 3367 Kelly Bushing: 3374

Total Depth: 3065 Plug Back Total Depth: 2690

Amount of Surface Pipe Set and Cemented at 348 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 348

feet depth to surface w/ 200 sx cmt.

Drilling Fluid Management Plan 98 RERWORK JH 08/02/02
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

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

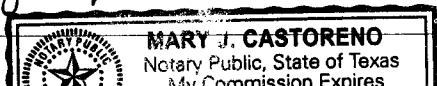
Title: Engineering Manager Date: 6/26/02

Subscribed and sworn to before me this 26th day of June

~~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: Rupp Well #: 1
 Sec. 2 Twp. 21 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 ☐ 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: **NONE**

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

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"	24#	348	Cl "H"	200	3% CC
production	7-7/8"	5-1/2"	14#	3054	lite	500	
					pozmix	200	18% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☒ Plug Back TD ☐ Plug Off Zone	2690	prem plus	140 sxs	2% CC; 1.34 cf/sxs yield; 14.80 ppg
				(cement retainer set at 2690 ft)

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
1	2704-2764 ft	squeezed under cement retainer @ 2690'	
4	2652-2658 ft	Acidized w/ 1200 gal 7-1/2% HCl acid &	
		Fraced w/ 13,600 gal N2 foam & 37,520 lb sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-3/8"				
Date of First, Resumed Production, SWD or Enhr.	Producing Method				
6/25/02	☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	20	0		

Disposition of Gas METHOD OF COMPLETION

Production Interval

2652' - 2658'

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

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