

26-21s-38w

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL** WELL HISTORY - DESCRIPTION OF WELL & LEASE

**COPY**

Operator: License # 5249  
Name: Osborn Heirs Company  
Address: P. O. Box 17968  
City/State/Zip: San Antonio, TX 78217  
Purchaser: na  
Operator Contact Person: Nancy a. FitzSimon  
Phone: ( 210 ) 826-0700 ext 223  
Contractor: Name: Cheyenne Drilling  
License: 5382  
Wellsite Geologist: Richard Hall (cert. no. 4749)

API No. 15 - 093-21697  
County: Kearny  
SW. SW Sec. 26 Twp. 21 S. R. 38  East  West  
660 feet from (S) / N (circle one) Line of Section  
660 feet from E / (W) (circle one) Line of Section

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Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Martin Well #: 1  
Field Name: Hugoton  
Producing Formation: na

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abn.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground: 3357 ft Kelly Bushing: 3369 ft  
Total Depth: 5300 ft Plug Back Total Depth: 4008 ft  
Amount of Surface Pipe Set and Cemented at 443 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2905 Feet  
If Alternate II completion, cement circulated from 4235  
feet depth to surface w/ 1290 sx cm.

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If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Drilling Fluid Management Plan *ALL II EH 3-19-03*  
(Data must be collected from the Reserve Pit)  
Chloride content 18000 ppm Fluid volume 1750 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_

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. \_\_\_\_\_  
11/26/2001 12/05/2001 2/25/2002  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

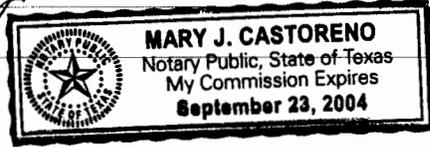
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 3-13-02

Subscribed and sworn to before me this 13th day of March

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  
**Release**  
**MAR 19 2003**

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Operator Name: Osborn Heirs Company Lease Name: Martin Well #: 1  
 Sec. 26 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:

Array Induction, Spontaneous Potential, Compensated Neutron, Litho-density, Gamma Ray, Microlog, Natural Gamma Ray Spectroscopy, Sonic

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Heebner (Base)	3814	-446
Lansing	3862	-494
Atoka	4609	-1241
Morrow	4714	-1346
Miss. Ls.	4873	-1505

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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	12-1/4"	8-5/8"	24.00	443	premium	340	2% CaCl2
production	7-7/8"	5-1/2"	14.00	4235	premium	1290	

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 checked="" type="checkbox"/> Plug Back TD	4156-4176	common	3	20 ft cement on top of CIBP @ 4176' inside 5-1/2" csg
<input type="checkbox"/> Plug Off Zone	4110-4130	common	3	20 ft cement on top of CIBP @ 4130' inside 5-1/2" csg
	<b>4008-4040</b>	<b>common</b>	<b>5</b>	<b>32 ft of cement on CIBP @ 4040'</b>

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	Kansas City "A" @ 4178-80' & 4182-86'	isolated under CIBP @ 4176 ft	
4	Lansing "I" @ 4146-53'	isolated under CIBP @ 4130 ft	
4	Lansing "G" @ 4060-66'	isolated under CIBP @ 4040 ft	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	na			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. temporarily abandoned 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 Production Interval  Other (Specify)

**Release**

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# Osborn Heirs Company

## Martin #1

API NO. 15-093-21697-0000  
660' FSL & 660' FWL  
Section 26-T21S-R38W  
Kearny County, Kansas

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## Drill Stem Test #1

Interval Test = 4002 ft to 4062 ft (kb)

### Test Times:

First Open = 15 minutes  
First Shut in = 30 minutes  
Second Open = 60 minutes  
Second Shut in = 90 minutes

### Test Pressures:

Initial hydrostatic pressure = 1945 psig  
Initial flowing pressure = 65 to 370 psig  
Initial shut in pressure = 1064 psig  
Second period flowing pressure = 498 to 739 psig  
Final shut in pressure = 957 psig  
Final hydrostatic pressure = 1893 psig

### Temperatures:

Final bottomhole temperature = 113.10 deg F

### Recovery:

240 ft (1.18 bbls) mud cut water (35% mud, 65% water)  
806 ft (7.54 bbls) water

## Drill Stem Test #2

Interval Test = 4676 ft to 4750 ft (kb)

### Test Times:

First Open = 30 minutes  
First Shut in = 60 minutes  
Second Open = 15 minutes  
Second Shut in = 1 minutes

### Test Pressures:

Initial hydrostatic pressure = 2340 psig  
Initial flowing pressure = 34 to 39 psig  
Initial shut in pressure = 85 psig  
Second period flowing pressure = 42 to 43 psig  
Final shut in pressure = none obtained  
Final hydrostatic pressure = 2255 psig

### Temperatures:

Final bottomhole temperature = 112.85 deg F

### Recovery:

5 ft (0.02 bbls) mud

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