

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

*gma*

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 4894  
Name: Horseshoe Operating, Inc.  
Address: 500 W. Texas, Suite 1190  
City/State/Zip: Midland, Tx 79701  
Purchaser: Duke  
Operator Contact Person: S. L. Burns  
Phone: (915) 683-1448  
Contractor: Name: Cheyenne Drilling Co.  
License: \_\_\_\_\_  
Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:  
\_\_\_\_ New Well    \_\_\_\_ Re-Entry    \_\_\_\_ Workover  
\_\_\_\_ Oil    \_\_\_\_ SWD    \_\_\_\_ SLOW    \_\_\_\_ 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. \_\_\_\_\_

<u>3-29-02</u>	<u>3-30-02</u>	<u>6-3-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 071-207530000  
County: Greeley  
SW-NW-NE-SW Sec. 29 Twp. 19 S. R. 39  East  West  
2100 feet from (S) / N (circle one) Line of Section  
1500 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Kuttler G Well #: 1

Field Name: Bradshaw  
Producing Formation: Winfield  
Elevation: Ground: 3529 Kelly Bushing: 3534  
Total Depth: 2853 Plug Back Total Depth: 2850  
Amount of Surface Pipe Set and Cemented at 5 jts @ 222 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 2851  
feet depth to surface w/ 725 sx cmt.

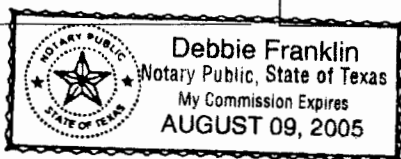
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License 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: *S. L. Burns*  
Title: Vice-President Date: 6-28-02  
Subscribed and sworn to before me this 28 day of June,  
2002.  
Notary Public: *Debbie Franklin*  
Date Commission Expires: 8-9-2005

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



Operator Name: Horseshoe Operating, Inc. Lease Name: Kuttler G Well #: 1  
 Sec. 29 Twp. 19 S. R. 39 East  West County: Greeley

**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 <input type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy)  List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Log Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td style="text-align: center;">Top</td> <td style="text-align: center;">Datum</td> </tr> </thead> <tbody> <tr> <td>Base Stone Corral</td> <td style="text-align: center;">2452'</td> <td style="text-align: center;">(+1082)</td> </tr> <tr> <td>Top Winfield</td> <td style="text-align: center;">2807'</td> <td style="text-align: center;">(+727)</td> </tr> <tr> <td>Top Winfield Porosity</td> <td style="text-align: center;">2812'</td> <td style="text-align: center;">(+722)</td> </tr> <tr> <td>Base Winfield Porosity</td> <td style="text-align: center;">2828'</td> <td style="text-align: center;">(+706)</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample		Top	Datum	Base Stone Corral	2452'	(+1082)	Top Winfield	2807'	(+727)	Top Winfield Porosity	2812'	(+722)	Base Winfield Porosity	2828'	(+706)
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CASING RECORD <span style="float: right;">New    Used</span>							
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#	222	C	175	2%cc1/4"Flosea
Production	7-7/8"	4-1/2"	10.5#	2851	C	725	1/4# Floseal

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 type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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	2810-26	500 gal 7-1/2% HCL	
		4500 gal Pad	
		8000# 20/40	
		4000# 12/20	

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		2-3/8"	2835		Yes	No
Date of First, Resumed Production, SWD or Enhr.			Producing Method			
5/11/02			Flowing	<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.
			195		80	
			Gas-Oil Ratio	Gravity		

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease Open Hole  Perf. Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)