KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED
SEP 0 2 2005
KCC WICHITA

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4894
Name: Horseshoe Operating, Inc.
Address: 110 W. Louisiana, Ste. 200
City/State/Zip: Midland, Texas 79701
Purchaser: Duke Energy
Operator Contact Person: S. L. Burns/Debbie Franklin
Phone: (432) 683-1448
Contractor: Name: Cheyenne Drilling
License:
Wellsite Geologist:

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:
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.

6/21/05	6/22/05	8/5/05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 071-20827-00-00
County: Greeley
C - SW - - - Sec. 35 Twp. 19 S. R. 40 ☐ East ☑ West
1320 feet from (S) / N (circle one) Line of Section
1320 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Fertig Well #: 1-35
Field Name: Bradshaw
Producing Formation: Winfield
Elevation: Ground: 3579 Kelly Bushing: 3583
Total Depth: 2875 Plug Back Total Depth: 2868
Amount of Surface Pipe Set and Cemented at 5 jts @ 240 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set ___ Feet
If Alternate II completion, cement circulated from 2873
feet depth to surface w/ 775 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: Debbie Franklin
Title: Production Assistant Date: 8/29/05
Subscribed and sworn to before me this 29th day of August,
20 05.
Notary Public: Nancy J Christmas
Date Commission Expires: 10/26/08

NANCY J. CHRISTMAS
MY COMMISSION EXPIRES
October 26, 2008

KCC Office Use ONLY
ND Letter of Confidentiality Received
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

127838

Side Two

Operator Name: Horseshoe Operating, Inc. Lease Name: Fertig Well #: 1-35

Sec. 35 Twp. 19 S. R. 40 ☐ 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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (Submit Copy) ☐ Yes ☑ No

List All E. Logs Run:

Compensated Density

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

Name	Top	Datum
Base Stone Corral	2483	+1100
Top Winfield	2831	+752

RECEIVED
SEP 0 2 2005
KCC WICHITA

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	240	Common	165	3%cc 2% gel
Productin	7-7/8	4-1/2	10.5	2873	Lite/Common	775	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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
1	2842' - 2858'	750 gals 15% HCL + additives + 15 bbls flush	
		500 gals 7-1/2% HCL, 4500 gal pad	
		8000# 20/40; 4000# 12/20	
		1000 gal 7-1/2% HCL + additives + 40 bbls flush	

TUBING RECORD Size	Set At	Packer At	Liner Run
2-3/8	2960		☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
8/5/05	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		60	9		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____