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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1

September 1999

Form Must Be Typed

Operator: License # 4894
 Name: Horseshoe Operating, Inc.
 Address: 500 W. Texas, Suite 1190
 City/State/Zip: Midland, Texas 79701
 Purchaser: Duke Energy Field Services
 Operator Contact Person: S. L. Burns
 Phone: (432) 683-1448
 Contractor: Name: Cheyenne Drilling
 License: 33375

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.

8/23/04 8/24/04 9/16/04
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No. 15 - 071-20788-00-00

County: Greeley

NW SW Sec. 25 Twp. 19 S. R. 40 ☐ East ☒ West

1980 feet from S N (circle one) Line of Section

660 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Floyd A Well #: 3-25

Field Name: Bradshaw

Producing Formation: Winfield

Elevation: Ground: 3571 Kelly Bushing: 3577

Total Depth: 2910 Plug Back Total Depth: 2906

Amount of Surface Pipe Set and Cemented at 7 jts @ 266' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2910

feet depth to Surface w/ 550 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: VP [Signature]

Title: Date: 10-6-2004

Subscribed and sworn to before me this 6 day of October

2004

Notary Public: Debbie Franklin

Date Commission Expires: 8-9-2005



Debbie Franklin
 Notary Public, State of Texas
 My Commission Expires
 AUGUST 09, 2005

KCC Office Use ONLY

☐ Letter of Confidentiality ReceivedIf Denied, Yes ☐ Date:☐ Wireline Log Received☐ Geologist Report Received☐ UIC Distribution

Operator Name: Horseshoe Operating, Inc. Lease Name: Floyd A Well #: 3-25
 Sec. 25 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 ☐ 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:

Compensated Density
 Cement Bond

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

Name	Top	Datum
Top Winfield	2827'	+750'
Top Lower Win Porosity	2867'	+710

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#	266	C	175	2%cc/flocele
Production	7-7/8	4-1/2	10.5#	2910	C	425	Lite
Production	7-7/8	4-1/2	10.5#	2970	C	125	Common

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	2836-53	500 gals 15% HCL + additives	
		500 gals 7-1/2% HCL + additives +	
		8000 # 20/40 4000# 12/20 AcFrac	

TUBING RECORD		Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
		2-3/8	2783		
Date of First, Resumerd Production, SWD or Enhr. 9/16/04		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		75 mcf	47 bwpd		

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)