

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
AC0-1 WELL HISTORY
DESCRIPTION OF WELL AND 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)-663-1448

Contractor: Name: -Cheyenne Drilling Co.

License: **5382**

Wellsite Geologist:

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR **XXX** SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

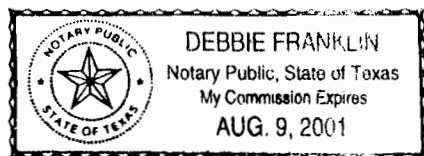
☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBDT
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SWD or Inj?) ☐ Docket No.

01-19-01 01-21-01 02-05-01
 Spud Date Date Reached TD Completion Date

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 on 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 _____

Title -Treasurer _____ Date 5/4/01Subscribed and sworn to before me this 4 day of May, 2001.Notary Public Debbie FranklinDate Commission Expires 8-9-2001

COPY

API NO. -15-075-207270000

County -Hamilton

70' E of S/2 NE Sec. 03 Twp. -23 Rge. -40 -X-W

-1980 Feet from S/4 (circle one) Line of Section

-1250 Feet from E/4 (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
SE, NW or SW (circle one)

Lease Name -Buck Well # -1-3

Field Name -Bradshaw

Producing Formation -Winfield

Elevation: Ground -3441 KB -3451

Total Depth -2677 PBDT -2664

Amount of Surface Pipe Set and Cemented at 5-jts @ -231 Feet

Multiple Stage Cementing Collar Used? Yes -X- No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from -2676

feet depth to surface w/ -725 sx cmt.

Drilling Fluid Management Plan **ALT 2 J7 6/04/03**
(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 Rng. E/W

County _____ Docket No. _____

K.C.C. OFFICE USE ONLY
☒ Letter of Confidentiality Attached
☐ Wireline Log Received
☐ Geologist Report Received

Distribution
☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
 (Specify)

Form AC0-1 (7-91)

KANSAS CORPORATION

MAY 7 2001

CONSERVATION DIVISION

COPY

Operator Name —Horseshoe Operating, Inc.—

Lease Name —Buck—

Well # —1-3—

Sec. 03— Twp. —23— Rge. —40—

☐ East
☒ West

County —Hamilton—

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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 Neutron Density Log

DUAL-SPACED CEMENT BOND

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

Name	Top	Datum
Base Stone Corral	2131'	+1320'
Top Winfield	2601'	+ 850'
Top of Porosity	2611'	+ 840'
Base of Porosity	2621'	+ 815'

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	230	C	175	3% cc 2% gel
Production	7-7/8	4-1/2	10.5	2677	C	725	10% 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				

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	2598 -2607	1000 gal 7-1/2% HCL	
		8000# 12/20 sand	
		4000# 20/40 sand 25% gel	

TUBING RECORD	Size 2-3/8	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Inj. Still evaluating well	Producing Method ☐ Flowing ☒ XPumping ☐ Gas Lift ☐ Other(Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas 165 Mcf	Water 10 Bbls.	Gas-Oil Ratio Gravity

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) Well P & A

2598'-2607'

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 7 2001

CONSERVATION DIVISION