

FORM MUST BE TYPED

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

Operator: License # 4874

Name: Horseshoe Operating, Inc.

Address: 500 W. Texas, Suite 1170

City/State/Zip: Midland, Tx 79701

Purchaser:

Operator Contact Person: S. L. Burns

Phone (915) 483-1448

Contractor: Name: Murfin Drilling Co.

License:

Wellsite Geologist: N/A

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SMD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator:

Well Name:

Comp. Date: Old Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to Inf/SMD
☐ Plug Back ☐ PBTB
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SMD or Inf?) ☐ Docket No.

04/05/01 04/07/01 05/01/01

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.

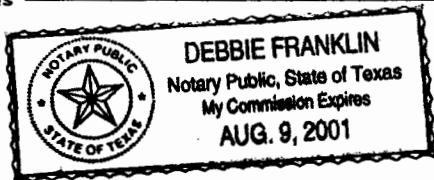
Signature: [Signature]

Title: Treasurer Date: 6-26-01

Subscribed and sworn to before me this 26 day of June, 2001.

Notary Public: Debbie Franklin

Date Commission Expires: 8-9-2001



SIDE ONE

API No. 15-075-207430000

ORIGINAL [Signature]

County: Hamilton

C SE Sec. 06 Twp. 21 Rge. 40 X-W

1250 Feet from SYN (circle one) Line of Section

1370 Feet from E/W (circle one) Line of Section

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

Lease Name: Virginia Well #: 1

Field Name: Bradshaw

Producing Formation: Winfield

Elevation: Ground 3583 KB

Total Depth: 2831 PBTB 2827

Amount of Surface Pipe Set and Cemented at 5-jts @ 218 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2831

feet depth to surface w/ 775 sx cnt.

Drilling Fluid Management Plan ALT 2 JH 05/30/03
(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		
F	☒	Letter of Confidentiality Attached
C	☒	Wireline Log Received
C	☐	Geologist Report Received
Distribution		
☐ KCC	☐ SMD/Rep	☐ NGPA
☐ KGS	☐ Plug	☐ Other (Specify)

Form AC0-1 (7-91)

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JUN 29 2001

CONSERVATION DIVISION

SIDE TWO

Operator Name —Horseshoe Operating, Inc.—

Lease Name —Virginia—

Well # —1—

Sec. 06 Twp. 21 Rge. 40 ☐ East
☒ West

County —Hamilton—

ORIGINAL

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 ☒ NoCores Taken ☐ Yes ☒ NoElectric 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	2383'	+1210'
Top Winfield	2780'	+ 815'
Top of Porosity	2786'	+ 805'
Base of Porosity	2802'	+ 791'

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	216	C	175	3% cc 2% gel
Production	7-7/8	4-1/2	10.5	2831	C	775	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	2791-2796	1000 gal 7-1/2% HCL	
		8000# 20/40 sand	
		4000# 12/20 sand 25% gel	

TUBING RECORD	Size 2-3/8	Set At 2805	Packer At	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. Still evaluating well	6-19-01	Producing Method ☐ Flowing ☒ XPumping ☐ Gas Lift ☐ Other(Explain)		
Estimated Production Per 24 Hours	Oil Bbls. -	Gas Mcf 200	Water Bbls. 40	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval 2791' - 2796'

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit AC0-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled☐ Other (Specify) Well P & ARECEIVED
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