

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

Operator: License # 4894
Name: Horseshoe Operating Co.
Address 500 West Texas
Suite 1190
City/State/Zip Midland Tx., 79701
Purchaser: Natural Gas Clearing House
Operator Contact Person: Jim Dixon
Phone (915) 683-1448
Contractor: Name: Murfin Drilling Co.
License: 30606
Wellsite Geologist: None

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: _____

Comp. Date _____ Old Total Depth _____

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

9-30-96 10-2-96 10-15-96
Spud Date Date Reached TD Completion Date

API NO. 15- 075-20612 **COPY**
County Hamilton
SE NE Sec. 1 Twp. 24 Rge. 41 ☒ E
2970 Feet from SE (circle one) Line of Section
800 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name BOLTZ Well # 2
Field Name Bradshaw
Producing Formation Winfield
Elevation: Ground 3292 KB 3297
Total Depth 2428 PBTD 2405
Amount of Surface Pipe Set and Cemented at 259 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2428
feet depth to surface w/ 445 lb. cement.

Drilling Fluid Management Plan ALT 2 JK 2-19-97
(Data must be collected from the Reserve Pit)

Chloride content 90,000 ppm Fluid volume 150 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. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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.

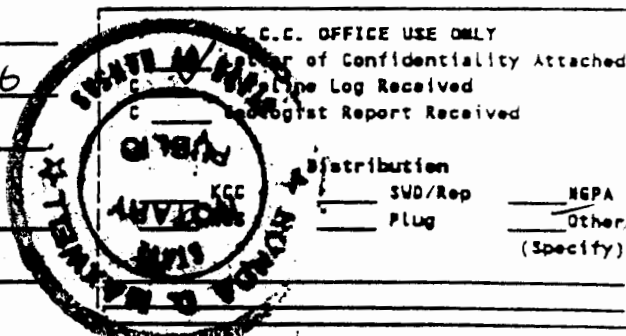
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Terry Maxwell
Title Consultant Date 12-10-96

Subscribed and sworn to before me this 10 day of December
19 96

Notary Public Ronda Maxwell

Date Commission Expires 12-13-96



Operator Name Horseshoe Operating Co.Lease Name BoltzWell # 2Sec. 1 Twp. 24 Rge. 41☐ EastCounty Hamilton☒ West

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
(Attach Additional Sheets.)☐ Yes ☒ No☒ Log Formation (Top), Depth and Datum☐ Sample

Samples Sent to Geological Survey

☒ Yes ☐ No

Name

Top

Datum

Cores Taken

☐ Yes ☒ No

Stone Corral

1868

+1429

Winfield

2372

+925

Electric Log Run

☒ Yes ☐ No

(Submit Copy.)

List All E.Logs Run:

Neutron - Density - GR - Caliper

Cemt Bond - GR - Collar Correlation

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"	26#	259	C	160	2% CaCl 1/4#/sx cell
Production	7 7/8"	4 1/2"	11.6#	2428	C	320	3% Ext 2% CaCl
"					C	125	2% CaCl 1/4# cell

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	2384-91	750 gal 7.5% Acid	
		1200# 16/30 Sand	
		267 bbls gelled KCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No			
	2 3/8"	2400						
Date of (First) Resumed Production (SVD or In)	10-14-96	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
				190	20			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACD-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

2384-91