RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: Open Flow	((See Instructions on F	Reverse Side)			
Deliverabilty	Tast Date	13		NPI No. 15 175-20695-00-00		
Company Horseshoe Operating, Inc.		Lease Dalen	e		1	Well Number
County Loca Hamilton C NE		TWP 22S	RNG 41W	(E/W)		Acres Attributed 640
Field Bradshaw	Reservoi Winfield		Gas (Sathering Connec	tion	
Completion Date 2-13-1999	Plug Bac 2812 TI	k Total Depth D	Packe None	r Set at		
Casing Size Weig 4.5 10.5		Diameter Set		rforations 752-54; 2757 - 6	To 1 2766-	71
Tubing Size Weig 2.375 4.7	ght Internal (2.000	Diameter Set	at Pe	rforations	То	
Type Completion (Describe) Single - Gas	, , ,	d Production	Pump	Unit or Traveling F	lunger? Yes	/ No
Producing Thru (Annulus / Tubi Annulus	******	Carbon Dioxide	% Nite		Gas Gr	avity - G _g
/ertical Depth(H)	,	Pressure Taps				Run) (Prover) Size
Pressure Buildup: Shut in	9-10 20/3 at /	Flange) Taken g	-// 20/	2" 3 at 10.7	(O_(AM) (PM)
·	20 at					
		OBSERVED SURFA	CE DATA	D	uration of Shut-	in 24 Hours
Static / Orifice Circle one pynamic Size property (inches) Prover Presipe (prover Presipe (pro	Differential Temperature	Temperature t (P _w) or	$(P_1) \text{ or } (P_c)$ (P_w)	Tubing head Pressure) or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-in .500	, mones H ₂ 0	psig	psia psiq	psia psia	24	
Flow					•	
Plate Circle one:	Press Grav	FLOW STREAM ATT			·	Flowing
Coefficient Meter or (F _b) (F _p) Prover Pressure psia	Extension Fact Pmxh Fo	or Temperature	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Elita
c) ² =: (P _w) ²		OW) (DELIVERABILIT	Y) CALCULATIONS $(P_c - 14.4) + 14.4 =$	3		. 0.207
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Choose formula 1 or 2: 1. P _c ² - P _a 2. P _c ² - P _d 1. or 2. and divide	Backpr Sl	essure Curve	× LOG	(P _d) ²	Open Flow Deliverability Equals R x Antilog
·	divided by: P _c ² - P _w ² by:	P _c ² -P _w ² Stan	dard Slope	L	•	(Mcfd)
pen Flow	Mcfd @ 14.65 psia	Delivera	bility	· Mo	efd @ 14.65 psia	a .
The undersigned authority, of the efacts stated therein, and that so			uthorized to make 19 day of	the shove report Hovemice Kip	and that he has bly lly	s knowledge of, 20

I declare under penalty of perjury under the laws of the state of Kansas that I am author exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, In and that the foregoing pressure information and statements contained on this application for correct to the best of my knowledge and belief based upon available production summaries a of equipment installation and/or upon type of completion or upon use being made of the gas we I hereby request a one-year exemption from open flow testing for the Dalene 1 gas well on the grounds that said well:	c. orm are true and nd lease records
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection into an oil reservoir undergoing ER is on vacuum at the present time; KCC approval Docket No. is not capable of producing at a daily rate in excess of 250 mcf/D	
I further agree to supply to the best of my ability any and all supporting documents deem staff as necessary to corroborate this claim for exemption from testing.	ed by Commission
Date: 11-19-13	·
Signature:Anice Rupley Title: Production Assistant	

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup-time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.