KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Reservoir Gas Gathering Connection DCP Midstream DCP M	Type Test	t:			(See Instructi	ions on Reve	rse Side))					
Lease Corparating Inc. Diceman 2 Well Number Corparaty Corparaty Corparaty County	_				3-7-/	3					~ 9 0 0 0			
County Location Co-S/2 Section TWP RNG (EW) Acres Altributed Animition Co-S/2 40W Gas Cartering Connection DCP MIGRIC Near Minfield Reservoir Gas Cartering Connection DCP MIGRIC Near DCP MIGRIC NE			oralina Ina			 		<u> </u>				Well Nu	mber	
Hamilton C-S/2 10 22S 40W		noe Op			Section				RNG (E/W)				ttributed	
Brackhaw Winfield DCP Midstream				511										
Competend Date 2767 Packer Set at 2769 32-2001 2769 10.5	Field Bradeb				11.5				.*					
3-2-2001 2767 4.5 10.5 4.052 2769 2729 2738 4.5 10.5 4.052 2769 2729 2738 4.6 10.5 4.052 2769 2729 2738 4.7 2.0000 2851 Perforations To 2738 2.75 4.7 2.0000 2851 Perforations To 2851 Perforations Traveling Perforations Traveling Perforations To 2851 Perforations Traveling Perforations Traveling Perforations Traveling Perforations Traveling Perforations To 2851 Perforations Traveling Perforations Traveling Traveling Perforations Traveling P							h				\ <u></u>			
Continue	•									····				
Tibuling Size 4.7 2.0000 2851 Type Fluid Production Yes Type Fluid Production Pump Unit or Travelling Plunger? Yes / No Yes Type Fluid Production Yes Thomas Taps Fluinge Pressure Buildup: Shut in 3-6 20/3st 9-45 (Meter Rus) Prover) Size Fluinge Pressure Buildup: Shut in 3-6 20/3st 9-45 (Meter Rus) Prover) Size Fluinge Property Confliction Cocke new Pressure Inches Prover Pressure Inches Property (Inches) Prover Pressure Inches Property (Inches) Prover Pressure Inches Property (Inches Prover Pressure Property Prover Pressure Property Pressure Property Pressure Property Pressure Pre				t			-		• •		I U			
Type Completion (Describe) Type Fluid Production Water Producing Thru (Annulus / Tubing) 76 Carbon Dioxide 76 Nitrogen Gas Gravity - G, Casing Pressure Taps Flange Pressure Buildup: Shut in 3-0/3 at 4.45 Abb (PM) Taken 20 at (AM) (PM) Taken 2	_		_	t					Perforations		То			
Single gas Water Yes Producing Thru (Annulus / Tubing) %, Carbon Dioxide %. Nitrogen Gas Gravity - Getaing Gas Gravity -		nnietion (F							Pump Un	it or Traveling	Plunger? Yes	/ No		
Pressure Buildup: Shut in 3-0 20/3 at 2.45 6.69 (PM) Taken 3-7 20/3 at 2.45 (PM) (PM) Taken 3-7 20/3 at 2.45 (PM) (PM) Taken 3-7 20/3 at 2.45 (PM) (PM) (PM) Taken 3-7 20/3 at 2.45 (PM)			rescriber							•		1901: 100 / 110		
Pressure Taps (Meter Run) (Prover) Size Flange Pressure Buildup: Shut in 3-6 20 3at 1.45 600 (PM) Taken 3-7 20 3at 9.45 600 (PM) Taken 20 at (AM) (PM) Taken 20		g Thru (Ar	nulus / Tubing))	% C	arbon Dioxid	de		% Nitroge	en	Gas Gr	avity - G	a	
Flange Pressure Buildup: Shut in 3-6 20/3 at 7.45 Mb (PM) Taken 3-7 20/3 at 9.45 Mb (PM) Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) OBSERVED SURFACE DATA Duration of Shut-in 24 too. State / Orifice Size Meter Prover Pressure Politic In Inches H, 0 Pressure Politic Inches H, 0 Prover Pressure Politic Inches H, 0 Pressure Temperature Inches H, 0 Pressure Inches H, 0 Pressure Politic Inches H, 0 Pressure Politic Inches H, 0 Pressure Inches H, 0 Pressure Inches H, 0 Pressure Inches H, 0 Pressure Politic Inches H, 0 Pressure Inches H, 0 Pressure Politic Inches H, 0 Pressure Inches H,		Senth (LI)				Droot	Toon				(Meter	Run\ (Pr	over) Size	
Pressure Buildup: Shut in 3-6 20/3 at 9.45 (AM) (PM) Taken 3-7 20/3 at 9.45 (AM) (PM) Well on Line: Started 20 at						Flanc	ae .					?‴	0401) 0120	
Static Orifice Object Objec	Proceura	Builduo:	Shut in	3-6 ,	13.	9:45	AM (PM) T	aken	3.	-7 20	13at 9.4	15	ÂM (PM)	
Comparing Continue														
Static / Orifice Size Dynamic Meter (Inches) Pressure property (Inches) Property Prover Pressure paig (Pm) Inches H ₂ 0 Pressure paig (Pm) Pressure (Inches) Pressure paig (Pm) Pressure (Inches) Pressure paig (Pm) Pressure paig (Pm) Pressure paig (Pm) Pressure Pressure (Pm) or (Pm)	WENT ON L	une.	SIANEO		U al		(AW) (FW)	anon			((
Flow						OBSERVE	D SURFACE	DATA			Duration of Shut	in <u> </u>	4 Hours	
Property (Inches) Prover Pressure Inches Press Press Press Pressure Pr						-		_		٠ ١	Duration	Liquid	Liquid Produced	
Flow Flow Flow Flow STREAM ATTRIBUTES Plate Coefficient (Fe) (Fe) (Fe) Model Coefficient (Fe) (Fe) (Fe) Prover Pressure psia Coefficient Factor Fa	Dynamic Property		a 1				(P _w) or (P _t) or (P _c)				(Hours)		(Barrels)	
FLOW STREAM ATTRIBUTES Plate Coefficeient (F _s) (F _s) (F _s) Moter or Prover Pressure pisia (P _s) (F _s) (P _s	Shut-In	.62F	-	1101100 1120				psia	pary	psia	24	 		
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Coefficient (F ₂) (F ₃) Prover Pressure psia Prover Pressure Prover Prover Pressure				Press	Grav	rity	-	Dev	viation	Metered Flov	, GOR		-	
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _a) ² = (P _a) ² = P _d = % (P _c - 14.4) + 14.4 = (P _d) ² = (P _d) ² = (P _d) ² = Note thinwlat for 2: 1. P _c ² - P _d formula for 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 2: 1. P _c ² - P _d formula 1 or 3: 1. P _d for 3: 1. P	I =				Fac	tor			Factor R		,	Gravity		
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(P _c) ² -(P _d) ² or (P _c) ² -(P _d) ² Den Flow Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of sefects stated therein, and that said report is true and correct. Executed this the Witness (if any) Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of day of	P _t) ² =	<u> </u>	(P _w) ² =	:	P _d =	9	% (Р _с	- 14.4) -	+ 14.4 =	<u> </u>	(P _a)2 =		
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JUN 19 2013

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the foregoing pressure information and statements contained on this application form are true and
correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the
gas well on the grounds that said well:
(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 deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 6-12-13
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Signature: Ance Ripley 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.