KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See İnstruct	ions on Rev	erse Side	3)				
Ot	pen Flov	N									•		
Deliverabilty				Lest Dat		API No. 15 15-071-29			· · · · ·				
Calaban					Lease				20,778-0000			Well Number	
Company Horseshoe Operating, Inc.					Watson	E	25. 5	e Burton Solid	, _{1,1} 3 .	, Asei Mallioet			
County _Location			Section	<u> </u>	TWP		RNG (E/	W)		Acres Attributed			
Greeley NWSENW			12	208	:	40W	cari gan	<u> </u>					
Field Bradshaw				Reservoir Towanda			Gas Gathering Connection DCP Midstream 38						
Completion Date 11/15/03				Plug Back Total Depth 2851			Packer Set at None						
asing Size Weight 10.5			Internal Diameter 4.052		Set at 2852			rations	To 2834	-			
ubing Si	bing Size Weight			Internal Diameter		Set at			rations	To			
2.375 4.7 Type Completion (Describe)				1.995 2840 Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No					
Single Gas Producing Thru (Annulus / Tubing)					Water				Yes				
roducing I nnulus	-	(Annulus /	Tubing)	•	% C	Carbon Dioxid	de .	- 1 th	% Nitrog	en	Gas Gi	ravity - G _g	
ertical D)		··	· · · · · ·		ure Taps		· · · · · · · · · · · · · · · · · · ·		(Meter	Run) (Prover) Size	
2852 Flange									Ö				
ressure	Buildup	: Shut in		1-2 2	0 <i>4</i> at _	8:00	(AM) (PM)	Taken:	4-3	20	14 _{at} 8,0	(AM) (PM)	
/ell on Li	ine:	Started		20	0 at	*	(AM) (PM)	Taken		20	at	(AM) (PM)	
ioj veje	n risk	- 560 C	9 .	चिर्देश, स्टापितिः		OBSERVE	SURFACE	DATA			Duration of Shut	in 24 Hours	
Static /	Orific	ice I I		Pressure	Flowing	Well Head	Casing		Tubing Wellhead Pressure (P _w) or (P _t) or (P _o) psig psia			Liquid Produced	
ynamic	Size	Meter Prover Pressur psig (Pm)		Differential re in			t (P _w) or (P ₁) or (P _c)				Ouration (Hours)	(Barrels)	
roperty	(іпсле			Inches H ₂ 0	· t	1							
hut-In								17.8			24	·	
Flow													
				_ 		FLOW STR	EAM ATTRI	BUTES	.l <u></u>			<u> </u>	
Plate		Circle on	2	Press		* .	Flowing	Ţ.			GOR	Flowing	
Coeffiecient		Meter		Extension	Grav Fact	· , T.	emperature	i Deviation				eet/ Fluid	
(F _b) (F _p) Mofd		Prover Pressure psia		$P_m x h$	F,		Factor F		F _{pv} (Mcfd)		Barrel)	. Gravity	
MICIG				<u> </u>	-		F _{It}	<u> </u>		· · ·		G _m	
					(ODEN 51		7 <u>98</u> -		47:000				
;)² =		_: (P _w)² =_	::	P _d =	OW) (DELIVE	•	- 14.4) +			(P _a)	² = 0.207 ² =	
(P _a) ² - (P _a) ²		(P _c) ² - (P,		noose formula 1 or 2:	LOG of	Г٦	Backpress		•	רח		Open Flow	
or .		(, °) - (e,	, .	2. P ₂ -P ₃	formula 1. or 2.	ļ. ļ.	Slope	∋ = "n" >r ₌₌	_ n x i	og	Antilog	Deliverability	
$(P_c)^2 - (P_d)^2$				Aded by: P,2 - P_2	and divide P2-P2		Assigned Standard Slope					Equals R x Antilog (Mcfd)	
	 -	•		6. W									
:				. + .									
oen Flov				Mcfd @ 14.6	S5 psia	•	Deliverabil	ity			Mcfd @ 14.65 ps	J	
		ned autho	rity, on			tates that he		· · · · · ·	to make th		nt and phat he ha		
				d report is true		•	•	3	day of	Kenton	mlieri	20 14	
) 1 acto st		oreni, and	illat sait		and condu	. Executed (Diu ciii		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1)	- The second		
		*:	<u> </u>	<u> </u>				(Janus	CO Ki	ply		
		V	itness (if a	ny)				/		For	mpany KAN	Received SAS CORPORATION COM	
		F	or Commiss	sion			_			Chec	ked by		
											• •	OCT 0 2 201	

CONSERVATION DIVISION WICHITA, KS

\cdot
SOUT ISLA
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 Watson E #3
gas well on the grounds that said well:
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. V is not capable of producing at a daily rate in excess of 250 mct/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: Gignature: Aux. Liphy Title: Aux. Liphy 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.

PALIAS CHEST VE MISSING OCT U 7 2019

PENNERGIANATENGI PENNERM