KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Ins	tructi	ions on Rev	erse Side)					
✓ Op	en Flov	V				Test Date	··				API	No. 15	_			
De	liverabi	lty .		*		11/16/10						75-2037	- C	∞		
Company BEREN		OR	RATION			•	aladom uno ele o un		Lease HOWL	AND			,	2	Well Nu	mber / .
County SEWAR	RD		Locat NE N		etadaka eta da karanda eta 1940 -	Section 11		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	TWP 35S		RNG (E/V	V)			Acres A	Attributed
Field LIBERA	AL, SI	=				Reservoir MORR			44 04		Gas Gath	ering Conn	ection			
Completion 10/17/1		•			-	Plug Bac 6491	k Total (Dept	ħ		Packer Se NONE	et at				
Casing S 4.5	ize	-1.0	Weigh 10.5	nt		Internal 0 4.052	Diameter	•	Set a 6521		Perfora 6074		,	To 6082	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Tubing Si	ize		Weigh	nt	A THE STREET OF	Internal [Diameter	•	Set at 6106		Perfora	ations	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	То		
Type Con			escribe)			Type Flui WATE		ction		nant-denography description	Pump Uni YES	t or Traveling	Plung	er? Yes	/ No	-
Producing	-	(Anı	nulus / Tubin	g)	-	% C	arbon D	Dioxid	de		% Nitroge	n		Gas Gra	avity - (ş _g
Vertical D)							sure Taps	nad noon isaa mada irriin		*			Run) (P	rover) Size
-	Buildup	·):	Shut in11	15	/ 2	0_10_at_8				Taken_11	/16/	20	10 a		((AM) (PM)
Well on L	ine:		Started		2	0 at	-	our water	(AM) (PM)	Taken		20	a	at	(AM) (PM)
			:				OBSE	RVE	D SURFACE	DATA			Durati	on of Shut-i	n 24	Hours
Static / Dynamic Property	Orific Size	,	Circle one: Meter Prover Press	üre	Pressure Differential in	Flowing Temperature t	Well He Tempera		Casi Wellhead F (P _w) or (P _t	Pressure	Wellhea	bing d Pressure (P _t) or (P _c)	D	Puration Hours)	Liqui	d Produced Barrels)
	(psig (Pm)		Inches H ₂ 0				psig	psia	psig	psia	24	٠.		
Shut-In									54				24	A		
Flow															<u> </u>	
·	·						FLOW	STR	EAM ATTRI	BUTES			 r	·		
Plate Coeffiec (F _b) (F Mcfd	ient	Pro	Circle one: Meter or over Pressure psia		Press Extension ✓ P _m xh	Grav Fac	tor	Т	Flowing emperature Factor F _{ft}	Fa	iation ctor :	Metered Flow R (Mcfd)	v	GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m
				1.			ř					-				
				<u> </u>		(OPEN FI	OW) (DE	=1 IVI	ERABILITY)	CALCIII	ATIONS		L.			<u> </u>
(P _c) ² =		•	(P _w) ² =		:	P _d =				- 14.4) +		:		(P _a)² (P _a)²	2 = 0.2 2 = .	07
(P _c) ² - (I	a.	(F	P _c) ² - (P _w) ²	Cho	ose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ² ded by: P _c ² - P _d	LOG of formula 1. or 2. and divide	P _c ² - P _c	2	Backpres Slop Ass	ssure Curve be = "n" or signed ard Slope	nxL	0G []	,	Antilog	Or Del Equals	pen Flow iverability s R x Antilog (Mcfd)
					, , , , , , , , , , , , , , , , , , ,											
															<u></u>	<u> </u>
Open Flo	w				Mcfd @ 14.	65 psia			Deliverabi	ility			Mcfd (@ 14.65 psi	а	
		_	d authority, o										rt and	that he ha		
the facts s	tated th	ere	in, and that s	aid	report is true	e and correc	t. Exec	uted	this the 1s	st Fa	day of DE	ECEMBER /	//	M	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20 10
			Witness	(if an	у)		,			Ų		For	Company			
			For Com	missi	on					A		Che	cked by			RECEIVED
					•				,			·			D	EC 06 20

KCC WICHITA

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request
	nder Rule K.A.R. 82-3-304 on behalf of the operator BEREN CORP. regoing pressure information and statements contained on this application form are true and
correct to the b	est of my knowledge and belief based upon available production summaries and lease records
• •	stallation and/or upon type of completion or upon use being made of the gas well herein named. quest a one-year exemption from open flow testing for the HOWLAND 2
	grounds that said well:
(Che	ck one)
(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
_	
_	ree to supply to the best of my ability any and all supporting documents deemed by Commissio ary to corroborate this claim for exemption from testing.
staff as necess	
staff as necess	

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.

RECEIVED

DEC 0 6 2010

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