KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Acres Attributed Acres Attri	Type Test:				(See Instruct	ions on Rev	erse Side)					
Description	-													
VARD	Company				12/19/1	3				175-20228		Well Nu	ımber	
Packer Set at Perforations Plug Back Total Depth Packer Set at	BEREN CORPORATION County Location			Section				BNG (FW)		1				
Packer Set at									<u> </u>					
1975 6233 1nternal Diameter Set at Perforations To 6175	Field LIBERAL, SE									_				
9.5	Completion [3/8/1975	Date								let at				
A.7 1.995 6145					Diameter									
Completion (Describe) Type Fluid Production WATER NO NO NO NO NO NO NO N	Tubing Size Welght						Perforations		То					
	2 3/8 Type Comple	etion (De				d Production			Pump Un	it or Traveling	Plunger? Yes	/ No		
Pressure Taps (Meter Run) (Prover) Size FLANGE 3" Started 20 3 at 8 AM (AM) (PM) Taken 12/19/ 20 3 at 8 AM (AM) (PM) Taken 12/19/ 20 3 at 8 AM (AM) (PM) Taken 12/19/ 20 at (AM) (PM) Taken 12/19/ 20 at (AM) (PM) Taken 20 at 2	ning/ledG	SAS)			WATE	R					_			
FLANGE 3" Shut in 12/18/ 20 13 at 8 AM (AM) (PM) Taken 12/19/ 20 13 at 8 AM (AM) (PM) Taken 12/19/ 20 13 at 8 AM (AM) (PM) Taken 12/19/ 20 13 at 8 AM (AM) (PM) Taken 20 20 20 20 20 20 20 2	Producing Thru (Annulus / Tubing) TUBING			% C	% Carbon Dioxide							•		
OBSERVED SURFACE DATA OUTation of Shut-in 24 House Size (Inches) Prover Pressure psig (Pm) Inches H₂0 In	Vertical Depth(H) 6165				·					*	Run) (P	rover) Size		
OBSERVED SURFACE DATA OUTation of Shut-in 24 House Size (Inches) Prover Pressure psig (Pm) Inches H₂0 In	Pressure Bui	ildup: S	Shut in	8/ 2	0 13 at 8	AM	(AM) (PM)	Taken_12	2/19/ ₂₀ 13 _{at} 8 A				(AM) (PM)	
Comparison of Shutch	•													
Orifice Size (inches) Prover Pressure psig (Pm) Inches H ₂ O Inches H	-					OBSERVE	D SURFACE	DATA			Duration of Shu	t-in_24	Hour	
FLOW STREAM ATTRIBUTES Flate Figure	Dynamic	Size	fice Meter Differential		Temperature Temperature		Wellhead Pressure		Wellhead Pressure					
FLOW STREAM ATTRIBUTES Plate (fflecient b) (F _p) (F _p) (P _p)	Shut-In	,	psig (Pm)					psia			24	_		
Plate officient officient of point of p	Flow	·												
Composition	· · · · · · · · · · · · · · · · · · ·					FLOW STR	EAM ATTRI	BUTES						
= : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =	Plate Coeffiecient (F _b) (F _p) Mcfd	1	Meter or Exten		Factor		Temperature Factor F		actor R		(Cubic F	eet/	Fluid Gravity	
= : (P _w) ² = : P _d = % (P _c - 14.4) + 14.4 = : (P _d) ² =														
)2- (P _e)2 (P _e)2- (P _w)2 (P _e)2- (P _w)2 (P _e)2- P _e 2- P _e 3-	P _e) ² =	:	(P_)² =	:	•		•			:	_		07	
divided by: Pe-Pa- by: E Standard Slope	(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ² Choose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ²		t.OG of formula 1. or 2. and divide p2 p2		Backpressure Curve Slope = "n" or Assigned		e n x LOG		Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog	
			d	ivided by: Pe-P	- by:		Standa	iu siope					,	
Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia	Open Flow	<u> </u>		Mcfd @ 14	.65 psia		Deliverabi	lity			Mcfd @ 14.65 p	sia		
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 cits stated therein, and that said report is true and correct. Executed this the		•	•		, ,		•		n		rt and that he h		-	
Witness (if any) Witness (if any) For Company KCC W			Witness (if	any)					1120	H ISK	Company	K	CC W	
For Commission Checked by NFC 2.7		 	For Commis	ssion						Che	cked by			

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	under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator BEREN CORP
and that the correct to the of equipment I hereby	foregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the HOWLAND 1
(C	theck 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
Date: _12/26/	De Hallo
	Title: PETROLEUM ENGINEER

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.

KCC WICHITA

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