## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			OIIL	POINT 3			ections on Re			LITABILIT				
✓ Open Flow Test Date:								l No. 15						
Company 8-29-14						Lease	15-189-22001-0001  Lease Well Numbe							
Bear Petroleum LLC						Dowdy	A				1			
County Location Stevens SW NE				Section 31		TWP 33	, · · ·		E/W)		Acres /	Attributed		
Field Gentzler Southwest				Reservoii Morrow	7			Gas Gathering Connection Anadarko Energy Service						
<del></del>				Plug Bac 5952	k Total De	pth		Packer						
Casing Size Weight 5 1/2" 15.5			t	Internal [	Diameter		Set at 6234		orations 36	то 5951				
Tubing Size			Weigh	Weight		Internal Diameter		Set at		orations	To			
2 3/8" 4.7 Type Completion (Describe)				2" Type Flui	d Producti		5675  Pump Unit or Travelii		Plunger? Ye	s / No				
Perf & Treat				Saltwa	Saltwater			Pumping Unit						
Producing Thru (Annulus / Tubing) Annulus				% C	% Carbon Dioxide				% Nitrogen Ga			s Gravity - G <sub>g</sub>		
Vertical Depth(H)					Pressure Taps					(Mete	er Run) (P	rover) Size		
Pressure	Buildu	p:	Shut in 8-2	8 2	14 at 9	:00	_ (AM) (PM)	Taken_8-	29	20	14 <sub>at</sub> 9:00	(	(AM)(PM)	
Well on L	.ine:						_				at	•	(AM) (PM)	
						OBSERV	/ED SURFAC	E DATA			Duration of Shi	ut-in	Hours	
Static / Dynamic Property	Siz	rifice Meter Different Size Prover Pressure in			lemperature Tempera		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 110	psla	psig	psia				
Flow		_								<del>                                     </del>				
						FLOW ST	TREAM ATT	RIBUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> xh	Grav Fac F	tor	Flowing Temperature Factor F <sub>tt</sub>	Fa	riation actor pv	Metered Flor R (Mcfd)	w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G <sub>m</sub>	
			10				IVERABILITY					$(a_{a})^{2} = 0.2$	207	
(P <sub>c</sub> ) <sup>2</sup> =		<u>=:</u>		Choose formula 1 or 2	P <sub>d</sub> =			(P <sub>c</sub> - 14.4) + essure Curve		: :	()	° <sub>d</sub> )² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		<ol> <li>P<sub>e</sub><sup>2</sup> - P<sub>e</sub><sup>2</sup></li> <li>P<sub>e</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>e</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> </ol>	2. P <sub>2</sub> -P <sub>d</sub> formula 1. or 2.		Sid A	Slope = "n" or Assigned Standard Slope		rog	Antilog	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				- C W										
Open Flo	w			Mcfd @ 14.	.65 psia		Delivera	bility			Mcfd @ 14.65 p	osia		
		_	•	n behalf of the aid report is true			-			the above repo September	ort and that he		rledge of 20 <u>14</u> .	
no idulo S	aucu l		and Mat Se	as ropoit is nui	una condu	LAGUIR			^		uc			
			Witness (i	f any)				Fran	nk M	roleum Vendoza	Company K/	ANSAS CO	Received- RPORATION CO	
			For Comm	ission						Che	cked by	SE	P 12 20	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum LLC
	at 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
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for the Dowdy A #1
gas we	ll 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
	rther 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.
	0
Date:_	9-11-14
	Signature:
	Title: President

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 ferge pust be signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION