KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flo	w	ONE		(Test Date		ctions on Re	verse Side		No. 15 - 00	7-22,479	-000	30	
De	liverab	ilty			1/21/15			_						
Company Knighton Oil Company					-	Lease Davis				7	Well N	umber		
County Location Barber C-NW SE					Section 21		TWP 33S			RNG (E/W) 14W		Acres	Attributed	
Field Aetna					Reservoii Mississi				Gas Gat Oneok	hering Conne	ection			
Completion Date 8/22/95				· - ·	Plug Back Total Depth 4950		oth	Packer Set a none		Set at				
Casing S	ize	_	Weight		Internal Diameter			Set at 4714		rations	то 4654			
Tubing Si 2.375	ize		Weight		Internal Diameter			Set at 4632		Perforations		То		
Type Completion (Describe) single					Type Fluid Production				Pump Unit or Traveling Plunger? Yes yes-pump unit			s / No		
Producing Thru (Annulus / Tubing) annulus				% c	% Carbon Dioxide			% Nitrog 1.157	_ `	Gas Gravity - G				
Vertical Depth(H)					Pressure Taps flange								Prover) Size	
Pressure Buildup:			Shut in	 	0 15 _{at} 9			M) (PM) Taken_1/21		20	-			
Well on Line:											at			
						OBSERVE	ED SURFAC	E DATA			Duration of Shu	t-in_24	Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Temperat		Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		Duration (Hours)	Liqu	Liquid Produced (Barrels)	
Shut-in	Shut-in		poig (i iii)	mones rigo			26.3	40.7	psig	psia	24			
Flow														
						FLOW STI	REAM ATTR	IBUTES				ì	1 1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Gravity Factor F		Temperature F		viation Metered Flov actor R F _{pv} (Mcfd)		(Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
(P _c) ² =			(P _w) ^z =_		(OPEN FLO		/ERABILITY % (I) CALCUL ² - 14.4) +		•		$a_{i}^{2} = 0.$ $a_{i}^{2} = 0.$	207	
(P _c) ² - (I)2)2	(P _e) ² - (P _w) ²		Thoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide p.2. p.2		Backpressure Curve Slope = "n" 		roë [Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
									_		· .	-		
Open Flow Mcfd @ 14.65 psia						Deliverat	oility	Mcfd @ 14.65 psia						
		ione	d authority, on	behalf of the	Company, s	states that I	ne is dulv at	uthorized to	o make th	e above repo	rt and that he h	as kno	vledge of	
		-	in, and that sa				•			•			20 15	
_	_					KANSAS COR	Received Poration co	MATISSION		GLA				
			Witness (If	any)		FER	3 0 5 20	15		CH	Company	9		
			For Commi	slon			(-	11		Chec	ked by			

CONSERVATION DIVISION

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 Knighton Oil Company 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:
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:
RECEIVED Signature: EMAINTHEATHER SIGNATURE: EMAINTHEATHER SIGNATURE SIGNATURE: EMAINTHEATHER SIGNATURE SI

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.