KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	tions on Rev	erse Side)			
Op	en Flow	,		T D				4.50	N- 45	ine.	
✓ Deliverabilty				Test Date: February 24, 2010			API No. 15 151850036900 0				
Company	y i Expl	oration, Inc	•		· .· .	Lease Knudso	on				Well Number
County Stafford		Loca	ation NE SW	Section 6		TWP 25S		RNG (E	W)	·	Acres Attributed
Field Wil				Reservoi Kinder					thering Conn n Energy	ection	
Completion Date 8/23/59			Plug Bac 4297'	Plug Back Total Depth 4297'			Packer S	Set at			
Casing Size Weight 4 1/2"			Internal I	Internal Diameter		Set at 4336'		Perforations 4210-20 4237-47		то 4259-64	
Tubing Size Weight 2 3/8"			Internal I	Internal Diameter		Set at 4261'		rations	То		
		(Describe) one Perfora	tions	Type Flui Conde	d Production	n	**		nit or Traveling	Plunger? Yes	/ No
Producing	g Thru	(Annulus / Tub	ing)	% (Carbon Dioxi	de		% Nitrog	jen	Gas G	avity - G _g
Annulus											
Vertical C	Depth(H)				Pres	sure Taps				(Meter	Run) (Prover) Size
Pressure	Buildup	: Shut in _F	ebruary 24	20_10_at_8	:00	(AM) (PM)	Taken_Fe	ebruary	25 ₂₀	10 at 8:00	(AM) (PM)
Well on L	_ine:	Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut	in Hours
Static / Dynamic Property	Orific Size (inche	e Meter Prover Pres	Circle one: Pressure Differential Prover Pressure in Temperature		erature Temperature Wellhead Pressure					Duration (Hours)	Liquid Produced (Barrels)
Shut-In	(psig (Pn	n) Inches H ₂ 0		,	psig 146	psia 160.4	psig	psia		
Flow											
					FLOW STR	EAM ATTRI	BUTES				
Plate Coeffiec (F _b) (F Mcfd	cient	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac	tor 1	Flowing Femperature Factor F _{ft}	Fa	iation ctor r pv	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Gravity
							<u> </u>				
(P _c) ² =		· (P)	=:	(OPEN FL	• •	ERABILITY)	CALCUL - 14.4) +			(P _a) (P _d)	$r^2 = 0.207$
(P _c) ² - (l	.	(P _c) ² - (P _w) ²	Choose formula 1 or 1. P _c ² -P _a ² 2. P _c ² -P _d divided by: P _c ² -P	LOG of formula 1. or 2. and divide		Backpres Slop Ass	sure Curve e = "n" origned ird Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
 		V = 181			.,						
Open Flo	w		Mcfd @ 1	4.65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia
The	undersiç	ned authority,	on behalf of th	e Company, s	states that h	e is duly au	thorized to	o make ti	ne above repo	rt and that he ha	as knowledge of
the facts s	stated th	erein, and that	said report is tr	ue and correc	t. Executed	this the 10	th	day of _A	ugust		, 20 10
		Witnes	s (if any)	R	ECEIVE	ED _	N	w-	For C	Company	
		For Cor	nmission	D	EC 23	2010 –			Che	cked by	

KCC WICHITA

exempt status unde and that the forego correct to the best of	r penalty of perjury under the laws of the state of Kansas that I am authorized to request r Rule K.A.R. 82-3-304 on behalf of the operator Castelli Exploration, Inc. sing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named.
• •	st a one-year exemption from open flow testing for the Knudson #1
gas well on the grou	
	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
staff as necessary	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
DEC	CEIVED 2 3 2010 Signature: Pesident WICHITA

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.