KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

4 + 54

Type Test	:			_	(See Instruct	ions on Re	verse Side)				
Open Flow				Test Date	n:			ΔPI	No. 15				
✓ Deliverabilty					per 10, 201	4	15033217280000						
Company Castelli Exploration, Inc.						Lease Einsel A	Lease Einsel A			Well Number #3			
County Comanche				Location NW SE SW SE		Section 13		TWP 33S		W)	Acres Attributed		ttributed
Field Shimer				Reservoir Mississ				Gas Gathering Cor Oneok		ection			
Completion Date 09/30/13				Plug Bac 5574	k Total Dept	h		Packer S	Set at				
Casing S 5.5	ize		Weigh		Internal Diameter			Set at 5621		rations 2	то 5084		
Tubing Size 2.875			Weight		Internal Diameter			Set at 4968		rations	То		
Type Completion (Describe) Single Zone Gas Perforations				ons	Type Fluid Production Oil/Saltwater					nit or Traveling ng Unit	Plunger? Yes / No		
Producing Thru (Annulus / Tubing) Annulus)	% Carbon Dioxide				% Nitrog	en	Gas Gravity - G _g		
Vertical D	epth(F	ન)	<u> </u>			Pres	sure Taps			· · · · · · · · · · · · · · · · · · ·	(Meter F	lun) (Pr	over) Size
Pressure	Buildu	ıp:	Shut in Nov	ember 🅍 2	14 at 8	:00	(AM) (PM)	Taken_No	ovembe	r 11 20	14 at 8:00	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n	Hours
Static / Dynamic Property	Dynamic Siz		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well Head Temperature t t		Wellhead (P _w) or (F	Casing Wellhead Pressure (P_w) or (P_t) or (P_o) psig psia		Tubing ad Pressure r (P ₁) or (P _c) psia			l Produced Barrels)
Shut-In							700	714.4	psig	рзіа			
Flow		_						_					
						FLOW STR		IBUTES	-		. .		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Extension Fac		Flowing Temperature Factor	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
								1		•			
/D \2			(D.)3		-	OW) (DELIV		•				= 0.2	07
(P _c) ² =		- ·	(P _w)² = _	Choose formula 1 of 2	P _a ⇔	_		P _e - 14.4) +		 ;	(P _d) ²		
$(P_c)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$				 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d² 	LOG of formula 1. or 2. and divide by:	formula 1. or 2. Ind divide p 2 p 2		Backpressure Curve Slope = "n"or Assigned Standard Slope		LOG	Antilog Delive Equals R		en Flow verability R x Antilog Mcfd)
_				_			<u> </u>						
Open Flow Mcfd @ 14				65 psia Deliv			ability Mcfd @ 14.65 psia						
		-	=		- •		•			•	ort and that he ha		•
the facts s	tated t	here	in, and that sa	id report is true	e and correct 開始班:	t. Executed		∠na	day of <u></u>	ecember		, 2	20 14
			Witness (i	any)	KANSAS C	DREORATION (OMMISSION-	1	hu (Y Chi	Company		
					DE	C 3 1 2	014 .						
			For Comm	ission		2		-		Che	cked by		

CONSERVATION DIVISION WICHITA, KS

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 Castelli Exploration Inc. 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 Einsel A #3 gas well 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 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.
Received KANSAS CORPORATION COMMISSION DEC 3 1 2014 CONSERVATION DIVISION WICHITA, KS Signature: President 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 form must be signed and dated on the front side as though it was a verified report of annual test results.