KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:						(See Inst	ruc	tions on Re	verse Side))		,			
Op	en Flow	,				Tool Dat			•		40	No. 45				
√ De	liverabi	ty				Test Dat 12/15/2					15-	No. 15 189-21548	-0001			
Company Four Sta		Ga	s						Lease M.A. Fie	elds			4	Well Nu	mber	
County Stevens		SE	Locat NW NE			Section 9			TWP 35S		RNG (E 35W	/W)		Acres A	Attributed	
Field Gooch						Reservoi Morrow					Gas Ga Oneok	thering Conn	ection			
Completion 09/05/19		·				Plug Bac 6485'	k Total D	Pept	lh		Packer	Set at			***************************************	
Casing Size Weight 5.5" 17#				Internal Diameter 4.892"			Set at 6696'		Perforations 6281'		то 6305'					
Tubing Size Weight 2 7/8" 6.5#				Internal Diameter 2.441"			Set at 6439'		Perforations		То					
Type Con		(De	scribe)			Type Flu	id Produc	ctio			Pump U	nit or Traveling	Plunger? Yes	/ No		
		Ann	ulus / Tubin	3)		% (Carbon Di	íoxi	de		% Nitrog	ien	Gas G	avity - 0	 }	
Annulus	3						1.0205				1.939			.7934		
Vertical D	epth(H)	l					P Fl		sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildup	: S	Shut in12/	13	20	11 at 1	2:30PN	1	(AM) (PM)	Taken_12	2/15	20	11 at 3:50Pl	М(AM) (PM)	
Well on L	ine:	8	Started		20) at			(AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSER	ΙVΕ	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Dynamic Property	Orific Size (inche		Circle one: Meter Prover Pressu psig (Pm)	Differ re i	sure ential n s H,0	Flowing Temperature t	emperature t t Wellhead Pressure (P_w) or (P_1) or (P_c) (P_w) or (P_1) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)					
Shut-In			poig (i iii)	Illone	3 1120		-		36.2	50.6	psig	psia				
Flow																
					·	· 1	FLOW S	TR	EAM ATTR	BUTES			1			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Exte	Press Extension P _m x h		Gravity Factor F _g		Flowing femperature Factor F _{tt}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
										1						
(P _c) ² =			(P _w) ² =				OW) (DEL		ERABILITY)	CALCUL _e - 14.4) +			(P _a) (P _d)	² = 0.20	07	
(P _c) ² - (F or (P _c) ² - (F	P _e) ²)²- (P _w)²	1. P _c ²	. P _a ² . P _d ²	LOG of formula 1. or 2. and divide	P.2 - P.2		Backpres Slop 	ssure Curve le = "n" or	n x 1	F 7	Antilog	Op Deli Equals	en Flow verability R x Antilog	
				divided by: F	. b.*s	by:		_	Standa	ard Slope				(Mcfd)	
		······································														
Open Flov	v			Mcfd	@ 14.6	5 psia			Deliverabi	lity			Mcfd @ 14.65 psi	a		
			authority, or , and that sa Witness (ii	id report								ecember y. Lo	REC		edge of 0 11 .	
			For Comm	ssion	·····			-	<u></u>			Chec	ked by DEC	292	011 —	

	tre under penalty of perjury under the laws of the state of Kansas that I am authorized to request study under Rule K.A.R. 82-3-304 on behalf of the operator Four Star Oil & Gas
and that the correct to to fequipment	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent installation and/or upon type of completion or upon use being made of the gas well herein named. By request a one-year exemption from open flow testing for the Fields, M.A. #4
	n the grounds that said well:
l furthe	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 er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
	Signature:

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.

RECEIVED

DEC 2 9 2011

KCC WICHITA