KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				6	See Inst	ructi	ons on Revo	erse Side)					
	en Flo [.] liverab				Test Date	:					No. 15 175-21455 -	. 2000			
Company Murfin D	rilling	Company		**************************************	10-7-14			Lease Oxy-Kan	e	15-			Well No	mber 36	
County Location			Section 36					RNG (E/	W)	Acres Attributed					
Field				Reservoir					Gas Gathering Cond		ection				
Big Bend Completion Date			St. Louis Plug Back Total Depth					Oneok Packer Set at				 			
4-25-95			1-64		5750 Internal Diameter			raari ahaab oo mahaan oo soo da'd ba'd 1875 1888 1888	N/A Set at Per			To			
Casing Size Weight 4.5 10.5				4.052			5939		Perforations 5412		5730		and the same of the same same same same same same same sam		
Tubing Si 2.375		Weight 4.7			Internal Diameter 1.995			Set at 5728		rations	To N/A				
Type Completion (Describe) SINGLE GAS				Type Fluid Production Water					Pump Unit or Traveling Plunger? Ye Pump Unit			/ No			
Producing Thru (Annulus / Tubing)				% Carbon Dioxide					% Nitrog	en	Gas Gravity - G				
Annulus Vertical Depth(H)					0.199 Pressure Taps					5.869		0.7225 (Meter Run) (Prover) Size			
							ang					3.06			
Pressure	Buildu	p: Shutin _	0-3-	14 20	0at_0	815		(AM) (PM)	Taken_10)-6-14	20	at 0815		(AM) (PM)	
Well on L	ine:	Started	0-6-	14 20	oat0	at 0815 (A			(PM) Taken 10-7-14		20	at0815	0815 (AM) (PM)		
						OBSE	RVE	SURFACE	DATA			Duration of Shu	11-in_72	0 Hou	
Static / Orifice Dynamic Size Property (inches		e Prover Pro	Guele ene: Motor Prover Pressure psig (Pm)		Flowing Temperature t	Well Head Temperature t		Wellhead P (P,) or (P,	Casing Wellhead Pressure (P _u) or (P _t) or (P _q) psig psia		ubing ad Pressure (P _i) or (P _e)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In				Inches H ₂ 0					48.4	psig	psia	72.0			
Flow .750		3.2	3.2		84	75		4.3	18.7			24.0	24.0 3.34		
						FLOW	STR	EAM ATTRI	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension P _m x h	Fac	Gravity Factor F _p		Flowing emperature Factor F _{II}	Deviation Factor F _{pv}		Metered Flo R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
2.7402		17.60	17.60		1.176	1.1765		0.9777 1.00		6 31.1		NONE		0.7225	
(P _c) ² = 2	.3	: (P")2 = (0.4 :		OW) (DE 38.8	LIVE	ERABILITY)		ATIONS 14.4 =	18.4;		$a_{\rm d})^2 = 0.3$		
$(P_{a})^{2} \cdot (P_{n})^{2}$ or $(P_{c})^{2} \cdot (P_{d})^{2}$		(P _c) ² - (P _w) ²			LOG of formula 1. or 2. and divide p 2. p		Backpressure Slope =		∋ = "n" or igned	l n x	Log	Antilog	Dé	pen Flow liverability s R x Antilog (Mcfd)	
2.14		1.99	.99 1.		.073 0.030			0.850		0.0262		1.0621 32.9		99	
Open Flo	w 33	. 2		Mcfd @ 14.	65 psia			Deliverabi	lity			Mcfd @ 14.65 p	sia		
		- '			•						e above repo	ort and that he		vledge of	
ine tacis s	taled t	herein, and the	ıı said	report is true	ana correc				Δ			La NJ			
		Witn	ısa (il ar	ıy)	KANSA	Re s corpo	Ceiv RATI	ved ON COMMISSI	ON C	201517 _	n WILL	Company Company Company	zətəti. S	9	
- describ Management		ForC	ommiss	ion		NOV	17	2014			Che	pred by		Hay - arm y referende and a distribute of a d	

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
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.
Dale: _//-/7-/-/
Signature: Thomal Mulland Title: Production Engineer

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 KANSAS CORPORATION COMMISSION

NOV 17 2014

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