KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Rev	erse Side)					
Open Flow					Test Date:				40	(N= 45 = /5	1- 7 0, 600 - 00	00		
De De	eliverab	ilty			rest Date	12	-28-	3		1140. 15				
Renegade Oil Co.				Armistead				0 0	#1		Well Number			
County Location			on	Section TWP				RNG (E			Acres Attributed			
				FNL	2310 FWL 5-298								160	
Field				-+	Reservoi	C_{i}	ave_		1	thering Conn	,	,		
Completi	on Dat	·	····		Plug Bac	k Total Dept			Packer :	nen Salai	Energi	1		
/	-/		-79		riog Date	276	ÏO .		I deker	oor ar	• /			
Casing S			Weigh		Internal Diameter Set at				Perio	orations	, , , , To			
2 18							2752					44 0 2654		
Tubing Size Weight			l	Internal I	Diameter	Set at Perfe			orations	То				
Type Cor	mpletio	n (D	escribe)	<u> </u>	Type Flui	d Production	1		Pump U	nit or Traveling	Plunger? Yes	/ No		
	9/		case)	Salti	<u>wate</u>	<u> </u>						
1	- T		wlus / Tubing)	% C	Carbon Dioxi	de	•	% Nitrog	gen	Gas Gr	avity - G	k .	
Hnnulus Vertical Depth(H) Pressure Taps (Meter R										<i>کو کا م</i>	rver) Size			
Vertical L	sepui(i	''				7 103	sure raps				(Meter i	turij (Fru	VEI) SIZE	
Pressure	Duita.		Chus in 12	-28-	13.	9:00	(M) (B) (3	<i>J</i>	2 -	29 00	13 _{at} 121	00 ,	M (PM)	
Fressure	Buildu					`							M((PM)	
Well on L	₋ine:		Started	2	0 al		(AM) (PM) 1	aken		20	at	(A	M) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Orifice		Circle one:	Pressure	Flowing Well Head		Casing		Tubing			Duration Liquid Produced			
Dynamic Size			Meter Prover Pressu	Differential in	Temperature Temperature		Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Wellhead Pressure (P_w) or (P_1) or (P_2)		Duration (Hours)			
Property (inche		psig (Pm)		Inches H ₂ 0	<u> </u>	1	psig psia		psig psia					
Shut-In							18				27	1)	
Flow														
		-	<u> </u>			FLOW STR	EAM ATTRIE	BUTES		1.			 -	
Plate	,		Circle ana:	Press	Grav	rity	Flowing	Devi	ation	Metered Flov	v GOR		Flowing	
Coeffiecient (F _b) (F _c)		Mater or Prover Pressure		Extension	Fac	tor T	Temperature Fa		ctor R		(Cubic Fe	et/	Fluid Gravity	
Mcfd			psia	√ P _m xh	F,	•	F _t ,		(Mcfd)		Barrel)		G_	
						-								
					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL.	ATIONS		/B \i	- 0.20		
(P _e) ² =		_:	(P _w) ² =	<u> </u>	P _d =	9	% (Р _с	- 14.4) +	14.4 =	:	(P _a);	'= 0.20' '=		
(D.)2 (f]	,r		Choose formula 1 or 2	LOG of	ГЛ	Backpress	ure Curve		ГЛ		One	n Flow	
(P _c) ² - (P _a) ²		(P _c) ² - (P _a) ²		1, P ₂ -P ₂ ²	formula 1. or 2.		Slope = "n"		n x LOG		Antilog	Deliverability		
(P _c) ² - (P _d) ²				2. P _a 2 - P _a 2 Mided by: P _a 2 - P _a 3	and divide	P.1.P.2	Assigned Standard Slope				_	Equals R x Antilog (Mcfd)		
				4 4			1							
							+							
L														
Open Flow McId @ 1			Mcfd @ 14.	.65 psia Deliverability				Mcfd @ 14.65 psia						
The u	undersi	igned	I authority, on	behalf of the	Company, s	tates that h	e is duly auti	norized to	make ti	he above repo	rt and that he ha	s knowle	dge of	
the facts s	tated ti	herei	n, and that sa	id report is true				7-	day of			, 20	; ———	
			Witness (If	anvi	<u> </u>	<u> KCC W</u>	(ICHITA	Mer	reg	<u>ade</u>		<u> </u>	<u>o.</u>	
						FEB 1	8 2014 _	Lun	س ا	olce P	Jelea		ine	
			For Commi	ssion		•	7			Cher	ked by			

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 Penegade of the correct 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 Primisted C # 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. Date: 2-14-14
Lucinda Melea Cline D/B/A Signature: Renegade Oil Co. Title: Dwner Operator

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 rwst belief. The form rwst belief.

FEB 18 2014