KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(-	See Instruct	ions on Reve	erse Side)			
☐ Op	en Flo	w			Test Date	ı .			ΔĐI	No. 15		
De	liverab	ilty			8/2/11	· -				007-22504-0	00-01	
Company		PER	ATING CO	MPANY, LLC	··		Lease HENDRI	х¢			4	Well Number
County Location BARBER NW NW NE				Section 5				RNG (E/ 13W	W)		Acres Attributed	
Field AETNA					Reservoir SNYDERVILLE / MISSISSIPPIAN			Gas Gathering Connection APC				
Completion Date 11/19/99				Plug Back 5450	Plug Back Total Depth 5450				et at			
Casing Size Weight 4.500 10.50				Internal D 4.052	Diameter	Set at 5499		Perforations 4154		To 4986		
Tubing Size 2.375			Weigh 4.70	t	Internal Diameter 1.995		Set at 5106		Perforations OPEN		То	<u> </u>
Type Completion (Describe) SINGLE					Type Fluid Production OIL, WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING				
Producing	_	(Anr	nulus / Tubing	1)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G
Vertical E		l)				Press	sure Taps		• • •		(Meter I	Run) (Prover) Size
Pressure	Buildu	p:	Shut in 8/1	/11 2	0 at		(AM) (PM)	Taken_8/	2/11	20	at	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken	<u>-</u>	20	at	(AM) (PM)
						OBSERVE	D SURFACE		1		Duration of Shut-	in Hours
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature I	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P _g)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In				_			54		psig 50		24	
Flow	!											
						FLOW STR	EAM ATTRII	BUTES	-			4
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fact	tor	Flowing Temperature Factor F ₁₁		iation ctor	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Genuity
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FL		ERABILITY) % (P,	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =
$(P_c)^2 - (P_d)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²		Choose formula 1 or 2 1, $P_c^2 - P_a^2$ 2, $P_c^2 - P_a^2$ divided by: $P_c^2 - P_a$	LOG of formuta 1. or 2. and divide	P2. P2	Backpress Stope		lnxi	.og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					-							
Open Flow Mcfd @ 14.65 psia				.65 psia	Deliverability			Mctd @ 14.65 psia				
The	unders	igne	d authority. o	n behalf of the	Company. s	states that h	e is dulv aut	thorized t	o make th	e above repr	ort and that he ha	as knowledge of
		-	•	aid report is tru	•		-			ovember		, 20 11
			Witness (f any)			_	Win	R	Hou	Day L	RECEIVED
			For Comm				_				cked by	DEC 3 0 20

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
and that the fo	pregoing pressure information and statements contained on this application form are true and
of equipment in	pest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named. Equest a one-year exemption from open flow testing for the HENDRIX C-4
	e grounds that said well:
[[[I further a	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 gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
	Signature: Win R. Halling. Title: FIELD MGR.

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.