KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					See Ins	structio	ons on Re	verse Side)					
☐ Open Flow ✓ Deliverabilty				Test Date: 12-20-13			API No. 15 151-45 2223 - 21, 276 - 0000						·		
Company DUNNE		ITIF	S INC					Lease HEARN	1			D-1		lumber	
County				Location E2 NE SW		Section 35		TWP 23S		RNG (E/W) 15W		Acres Attributed		Attributed	
Field HEARN					Reservoi VIOLA	r					thering Conn			*	
Completi 6-8-88	Completion Date 5-8-88		-	Plug Bac 4137	Plug Back Total Depth 4137) · · · · · · · · · · · · · · · · · · ·		Packer Set at NONE		.•	,			
Casing S 5 1/2"	Casing Size 1/2"		Weight 15.5#		Internal Diameter 4.95"		r	Set at 4138		Perforations 4059		To 4086			
Tubing S 2 7/8"	ubing Size		Weight 6.5#		Internal Diameter 2.441"		r	Set at 4056'		Perforations OPEN		То			
Type Cor			escribe)		Type Flui WATE		ection	erretrese troccorrete in turn supplement		Pump U	nit or Traveling	Plunger? Ye	es / No		
Producin FUBIN	-	(An	nulus / Tubin	g).	% (Carbon I	Dioxid	le		% Nitrog	gen	Gas .65	Gravity -	G _g	
Vertical Depth(H)				Pres FLAI				ure Taps NGE			(Meter Run) (Prover) Size 2" METER RUN				
Pressure	Buildu	ıp:	Shut in12-		0 13 at 1						20		Ο ΔΜ	(AM) (PM)	
Well on L	_ine:		Started 12-	21 2	0 13 at 1	1:00 A	M	(AM) (PM)	Taken 12	2-22	20	13 at 11:0	0 AM	(AM) (PM)	
						OBSE	RVEC	SURFAC	E DATA			Duration of Sh	_{ut-in} _25	Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Tem		Well Head Wellhead		Pressure	ressure Wellhead		Duration (Hours)	, .	Liquid Produced (Barrels)	
Shut-In	.250)	40#	14	45 F	40 F		240#		40#	psia	24 HRS	0 V	VATER	
Flow	.250) .	45#	22	50 F	48 F		234#		90#		24 HRS	o v	VATER	
-					1	FLOW	Ī	AM ATTR	IBUTES		<u> </u>			1	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Fac	avity I		mperature Fac		iation Metered Flow ctor R (Mcfd)		v GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
.48		45	#	62							25				
P _c)² =		:	(P _w) ² =		(OPEN FL		ELIVE %) CALCUL P _o - 14.4) +		:	(F	$(a^2)^2 = 0.$ $(a^2)^2 = 0.$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ³	LOG of formula 1 or 2.		Backpress Slope		ssure Curve pe = "n" - or signed lard Slope		LOG	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							· , ,								
open Flo	-			Mcfd @ 14.	···········			Deliverab				Mcfd @ 14.65			
				n behalf of the aid report is true						,	DECEMBER		,	wledge of 20 13	
			,		٠.					41	,			C WICH	
	-		Witness (i	if any)			·		6	W/	For	Company		B 12 20	
F			For Comm	nission						·····	Che	cked by			
													` F	RECEIV	

I declare unde	r penalty of perjury under the laws of the state of Kansas that I am authorized to reque	st
exempt status unde	er Rule K.A.R. 82-3-304 on behalf of the operator DUNNE EQUITIES, INC	
and that the forego	oing pressure information and statements contained on this application form are true ar	nd
correct to the best	of my knowledge and belief based upon available production summaries and lease record	ds
of equipment instal	lation and/or upon type of completion or upon use being made of the gas well herein name	d.
I hereby reques	st a one-year exemption from open flow testing for the HEARN 1-D	
	unds that said well:	
(Check d	one)	٠.
	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 Commis	ssio
staff as necessary	to corroborate this claim for exemption from testing.	
•		
Date: 12-22-13		
Dale · = == · · ·		
	Signaturo:	
	Signature:	-
	Title: punper	

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.

FEB 12 2014

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