KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Inst	ructi	ions on Rev	erse Side	;)						
Open Flow					Test Date:					API	No. 15					
De	liverab	ilty			10/27/1	4					-09500391	-000	0			
Company McCoy		oleu	ım Corpor	ation				Lease Hartsho	orn "A"		•	•	-	Vell Ni #1	umber	
County Kingman			Location SE SV		Section 36	=				RNG (E/W) 9W			,	Acres	Attributed	
Field Spivey-Grabs						Reservoir Mississippian			Gas Gathering Co WWGG			ection				
Completic 11/19/54		e e		<u> </u>	Plug Bac 4183'	k Total D	epti	h		Packer 8	Set at					
Casing Size 5.5"			Weight 15.5#	Internal Diameter			Set at 4290'		Perfo 416	rations 1'	To 4170'					
Tubing Size 2.875"			Weight		Internal Diamete			Set al 4173		Perfo	rations		То			
Type Con Single	npletion	1 (De				Type Fluid Production Gas, Oil & Water			Pı		Pump Unit or Traveling Plunge Pumping Unit			r? Yes / No		
	g Thru	(Anr	nulus / Tubing)		arbon D				% Nitrog			Gas Gra	vity -	G _a	
Vertical D	epth(H)				P	ress	ure Taps					(Meter F	lun) (F	Prover) Size	
Proseura	Buildu	n- '	Shut in	10/27 2	. 14 _{at} 8	:30 AM	ı	(AM) (PM)	Taken	10/	28 20	14 _{at}	8:30 A	M	(AM) (PM)	
Well on L				2												
						OBSER	IVE	D SURFACE	DATA			Duration	of Shut-i	n_24	Hours	
Static / Orific		_ Meter		Pressure Differential	Flowing Temperature	Well Head Temperature		Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced		
Property (inches)			Prover Pressu psig (Pm)	re in Inches H ₂ 0	t	t		(P _w) or (P _t) or (P _c) psia	(P _w) o	r (P _t) or (P _c)	(Ho	(Hours)		(Barrels)	
Shut-In			· · ·					84#				24	*			
Flow			_			FLOW S	STR	EAM ATTRI	BUTES							
Plate	1		Circle one:	Press	Grav			Flowing		iation	Metered Flov	,	GOR		Flowing	
Coefficationt (F _b) (F _a)		Meter or Prover Pressure		Extension	Fac	ctor Te		emperature Fa		actor R		(Cubic Fed		ət/	Fluid Gravity	
Mcfd			psia	✓ P _m xh	F,	,		F _{rt}			F _{pv} (Mcfd)		Barrel)		G _m	
(P _c) ² =			(P _w)² =	•	(OPEN FL	OW) (DE	LIVI	ERABILITY)	CALCUL - 14.4) +				(P _a) ² (P _d) ²	e 0.2	207	
 	1	<u></u> -		Choose formula 1 or 2			<u>=</u> "		sure Curve		<u>·</u>		(4/		- Fl	
(P _c) ² - (F	P _a) ²	(P	' _c)²- (P _w)²	1. P ₀ ² -P ₁ ²	LOG of formula			Stope	e ≕ "n" 0″	пх	LOG	Ant	ilog		pen Flow liverability	
(P _c) ² - (F	2°)3			2. P _a ² - P _a ² fivided by: P _a ² - P _a ²	1, or 2, and divide by:	P.2 - P.	2	Ass	origned .rd Slope			7.00	nog	Equal	s R x Antilog (Mcfd)	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	 	<u> </u>			-		-		 ,		· <u>-</u>	
						_										
Open Flow Mcfd @ 14.6				65 psia	5 psia			Deliverability		Mcfd @ 14.65 psia						
The u	undersi	gned	authority, or	behalf of the	Company, s	states tha	at he	e is duly aut			•	rt and th	at he ha	s knov	vledge of	
the facts st	tated th	ner e i	n, and that sa	id report is true	and correc	t. Execu	ted	this the 🔟	<i>-</i>	day of	ecember				20 14 .	
			Witness (il	anv)	K ansa	Red S CORPOR	ceiv RATIO	ved On COMMISS IC	N	Sa	oll d	Company	1			
			<u> </u>			DEC :	2 4	2014 -				cked by				
			For Comm	noisz			- '	2011			Che	exed by				

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 McCoy Petroleum Corporation
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 theHartshorn "A" #1
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: 12/12/14
Signature: Soll Daysel
Title: Vice President - Production

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.