KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Rev	erse Side)					
Open Flow					Toot Date	Test Date:				No. 15				
De	liverat	oilty			7/13/20					-20743-000	0			
Company Daystar		leun	ı, Inc.				Lease Caldwell				1-6	Well Nu	umber	
County Rice			Locat C E2 N		Section 2			TWP 20S		RNG (E/W) 8W		Acres Attributed		
Field Lyons G	as Fi	eld			Reservoir	r on-Krider		_	Gas Gat PRG, L	hering Conne	ection			
Completio 3/22/197		te			Plug Bac 1348	k Total Depi	th		Packer S NA	Set at				
Casing Size 4.5			Weigh 10.5	it	Internal Diameter 4		Set at 1364		Perforations 1176		то 1196			
Tubing Size			Weight		Internal [Internal Diameter		Set at		rations	То	То		
Type Con Gas	npletic	n (D	escribe)		Type Flui None	d Production	n	,	Pump Ur No	nit or Traveling	Plunger? Yes	/ No		
Producing	Thru	(Anı	nulus / Tubin	g)	% C	% Carbon Dioxide				jen	Gas Gr	Gas Gravity - G		
Annulus					0.10				19.74		0.662			
Vertical D	epth(i	1) 		_		Pres	sure Taps				(Meter) 2"	Run) (P	rover) Size	
Pressure	Buildı	ıp:	Shut in <u>7/1</u>	2	20 15 at 1	0:00 am	(AM) (PM)	Taken_7/	13	20	15 _{at} 10:00	am	(AM) (PM)	
Well on L	ine:		Started	2	20 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
			,			OBSERVE	D SURFACE	DATA			Duration of Shut-	in	Hours	
Static / Orif Dynamic Siz		Motor		Pressure Differential in	rential Flowing Well		Casing Weilhead Pressure (P _w) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _w) or (P _s)		Duration (Hours)	_	Liquid Produced	
Property	(inct	18\$)	psig (Pm)	Inches H ₂ 0	1	t	psig	psia.	psig	psia	(riodis)	L '	Barrels)	
Shut-In							10				24			
Flow						1.	,							
						FLOW STR	REAM ATTRII	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter of Prover Pressure psia		Press Extension √ P _m x h	Grav Fact	tor	Flowing Temperature Factor F _{II}	Fe	lation ctor :	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
				<u>. </u>	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(D.)	2 0.0	107	
(P _c) ² =		_:	(P _w) ² =	:	P _d =		-	- 14.4) +		:	(P _a)	²= 0.2 ²=		
(P _c)² ⋅ (F	> \2	Œ	c)2 - (P _w)2	Choose formula 1 or 2	2: LOG of	$\overline{\Gamma}$		sure Curve		Г٦		01	pen Flow	
(P _c)2 - (F	a, 2,)2	\		2. P _c ² -P _d ²	formula 1. or 2. and divide	P ₀ ² - P _w ²	Assi	s = "n" or gned rd Slope	nxl	rog	Antilog	Equals	iverability BR x Antilog (Mcfd)	
								_						
Open Flor	N			Mcfd @ 14	.65 psia	 -	Deliverabil	ity			Mcfd @ 14.65 psi	a		
											rt and that he ha			
ine iacis si	iaieu I	Herei	n, and that S	aid report is tru				·			um Inc	·	₂₀ <u>15</u> .	
			Witness (i	fany)	KANSAS CO	Received	ommission —		Jays	tar Petrole	payyany			
			For Comm	issian	0 C	7 15 21	015 —	S14)	Mus	/ <u>ak (</u>	ked by			
			, o. com					•		Cite				

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 Daystar Petroleum, Inc. 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 Caldwell #1-6
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: 10/14/2015
Signature:
OCT 1 5 2015
CONSERVATION DIVISION WICHITA, KS

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.