KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

: -

Type Test	:				(See Instruc	ctions on Re	verse Side)				
□ Ор	en Flor	W			Test Date				A D1	No. 15			
Del	liverab	ilty			7/09/15	; .				-20,356 - 0	000		
Company Indian (o.					Lease Davis				1-18	Veil Number	
County Kiowa			Locati CNWN		Section 18		TWP 27S		RNG (E/	W)	7	Acres Attributed	
Field					Reservoir				Gas Gat	hering Conne	ection		
Vod					Cherokee				SemGa				
Completic 10/22/76	<u> </u>	e 			Plug Bac	k Total De _l	oth 		Packer S 4573				
Casing Si 5.5	ize		Weigh	t 	Internal I	Diameter	Set a 467		Perfo 459:	rations 3	70 4595		
Tubing Si 2.375	ze		Weigh	t	Internal [Diameter	Set a 457		Perfo	rations	То		
Type Con single	pletio	n (De	escribe)		Type Flui SW	d Production	on		•	nit or Traveling Imp unit	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide			% Nitrog	en	Gas Gravity - G _g			
annulus													
Vertical D	epth(F	i)				Pre	ssure Taps				(Meter F	Run) (Prover) Size	
Pressure	Buildu	p: :	Shut in 7/0	3 2	0 15 at 8	:15 am	_ (AM) (PM)	Taken_7/	09	20	15 _{at} 8:15 ar	n(AM) (PM)	
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			Duration of Shut-		
Static /	Orifi	ce	Circle one: Meter	Pressure Differential	Flowing	Well Head	Cas Wellhead	•		lubing ad Pressure	Duration	Liquid Produced	
Dynamic Property	Siz (inch		Prover Pressu	re in	Temperature t	Temperatur t	e (P_) or (F			(P ₁) or (P _c)	(Hours)	(Barrels)	
Shut-in		•	psig (Pm)	Inches H ₂ 0			psig 69.0	psia 83.4	psig	psia	24		
Flow													
LI			l			FLOW ST	REAM ATTR	IBUTES		<u>'</u>		1	
Plate			Circle one:	Press			Flowing		riation Metered Flow		GOR	Flowing	
Coeffiecient		Meter or Prover Pressure		Extension	Fac	tor	Temperature Factor		ctor.	Metered Flow	(Cubic Fee	et/ Fluid Gravity	
(F _b) (F _i Mcfd		7 10	psia	✓ P _m xh	F,	, .	F _{ii}	F	p.	(Mcfd)	Barrel)	G _m	
											-	-	
	I		<u>-</u>	- -	(OPEN FL	OW) (DELI	VERABILITY	LILL	ATIONS				
(P _c) ² =		_:	(P) ² =	:	$P_d =$, - 14.4) +		:	(P _a) ^s	? = 0.207 ? =	
	. 1		1	Choose formula 1 or 2	: -			ssure Curve				Open Flow	
(P _c)2- (F or		(F)2-(P_)2	1. P _c ² -P _a ²	LOG of formula		Slo	oe = "n" - of	nxt	LOG	Antilog	Deliverability	
(b ^c) ₅ - (t	^a)s			2. P _c ² -P _d ²	1. or 2. and divide	P _c ² -P _w ²	As	signed			, united	Equals R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w^2$	by:	<u> </u>	Stano	ard Slope	-			(mora)	
										·			
Open Flor	N	Mcfd @ 14.65 psia					Deliverat	Deliverability			Mcfd @ 14.65 psia		
The u	ındersi	igned	d authority, or	behalf of the	Company, s	tates that	he is duly at	thorized to	o make th	ne above repo	rt and that he ha	s knowledge of	
the facts si	t hotel	herei	n and that es	id report is true	and correc	t Evecute	d this the 91	:h	day of Jt	uly	•	, 20 15	
~.• INGIO D	U		,	as report to trut	- and 001166		- ano are		ls.	2/1	2	,	
			UStrane *	onv)			_		jung				
			Witness (i	anyı	₽.	(ርር \	VICHIT	-L 6	un	INC.	Сотралу		
			For Comm	ssion	<u></u>	··~ · ·		-7		Chec	ked by		

JUL 27 2015

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Indian Oil Co
correct to the be of equipment ins I hereby req	going pressure information and statements contained on this application form are true and story knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. Juest a one-year exemption from open flow testing for the Davis 1-18 Tounds that said well:
(Chec	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 see to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 7/09/15	Signature: All Mark

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.

KCC WICHITA
JUL 27 2015
RECEIVED