KCC WICHITA

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				6	See Instruct	tions on Re	verse Side	)			
Open Flow Deliverability				Test Date	ė.		API No. 15					
Def	liverab	ilty			12/15/1				15-0	07-21,294	-0000	)
Company Oil Produ		,Inc.	of Kansas	,	-		Lease Harbau	gh A			1	Well Number
County Barber			Locat NW/4 :		Section 1		TWP 30		RNG (E/ 10	N)		Acres Attributed
Field	e Ko	- کم	ush ()	rek	Reservoir Mississi			•	Gas Gatt Oneok	nering Conne	ection	
Completic 11/28/91		te			Plug Back	Total Dept	th		Packer S none	et at		
Casing Si			Weigi	nt	Internal D	Diameter	Set 475		Perfor	ations	то 4360	
Tubing Si			Weigl	nt	Internal C	Diameter	Set 435		Perfor	ations	То	
Type Con single	npletio	n (De	escribe)		Type Fluid	d Production				it or Traveling mp unit	Plunger? Yes	/ No
	g Thru	(Anı	nulus / Tubin	g)		arbon Dioxi	de		% Nitroge		Gas Gr	avity - G
annulus	;											<u> </u>
Vertical D	epth(F	<del>1</del> )				Pres	sure Taps				(Meter f	Run) (Prover) Size
Pressure	Buildu	ıp:	Shut in12	/14 2	11 at 1	15PM	(AM) (PM)	Taken_12	2/15	20	11 at 1:15PI	 <mark>И</mark> (АМ) (РМ)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in Hours
Static /	Orif	ice	Circle one: Meter	Pressure Differential	Flowing	Well Head	Wellhead	sing I Pressure		ubing ad Pressure	Duration	Liquid Produced
Dynamic Property	Siz (inch		Prover Press	ure in	Temperature t	Temperature t		P <sub>t</sub> ) or (P <sub>c</sub> )	(P <sub>w</sub> ) or	(P, ) or (P, )	(Hours)	(Barrels)
Shut-In	-		psig (Pm)	Inches H <sub>2</sub> 0			395.9	410.3	psig	psia	24	<u> </u>
Flow							393.9	710.5			27	
	l				<u> </u>	FLOW STE	REAM ATT	RIBUTES				1
Plate			Circle one:	Press	7		Flowing				000	Flowing
Coeffiec	ient	_	Meter or	Extension	Grav Fact		Temperature	Fa	iation ctor	Metered Flov	W GOR (Cubic Fe	et/ Fluid
(F <sub>b</sub> ) (F		Pro	psia	✓ P <sub>m</sub> xh	F,		Factor F <sub>rt</sub>	F	PY	(Mcfd)	Barrel)	Gravity G <sub>m</sub>
								_				
					(OPEN FL	OW) (DELIV	'ERABILITY	/) CALCUL		<u>.                                    </u>	(D)	2 0 007
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> :	=;	P <sub>d</sub> =			P <sub>c</sub> - 14.4) +		<del></del> :	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =
(0.12.4)	D 12	,,	1 12 (B 12	Choose formula 1 or a	LOG of			essure Curve		ГЛ		Open Flow
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or		, (r	5°)s - (b°)s	2. P <sup>2</sup> -P <sup>2</sup>	formula 1, or 2.		Slope = "n"		n x LOG		Antilog	Deliverability Equals R x Antilog
(P <sub>6</sub> ) <sup>2</sup> - (I	P <sub>4</sub> )2			divided by: P <sub>2</sub> - P <sub>3</sub>	and divide	P.2 · P.2		ssigned dard Slope		LJ		(Mcfd)
	,							•				
Open Flo	w		. 1	Mcfd @ 14	.65 psia		Delivera	bility			Mcfd @ 14.65 ps	а
The	unders	siane	d authority, o	on behalf of the	Company, s	states that h	ne is duly a	uthorized t	o make th	e above repo	ort and that he ha	s knowledge of
		-	_	aid report is tru				E+h	_	eçember		_ , 20 11 .
		3.		•					1	VInt	M-	
			Witness	(if any)						For	Company R	ECEIVED
			For Com	mission							cked by DE	C 2 8 2011

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
and that t	tatus under Rule K.A.R. 82-3-304 on behalf of the operator Oil Producers, Inc. of Kansas  the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
of equipm	nent installation and/or upon type of completion or upon use being made of the gas well herein named.  eby request a one-year exemption from open flow testing for the Harbaugh A #1  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
l furth	is on vacuum at the present time; KCC approval Docket No
	ecessary to corroborate this claim for exemption from testing.
<u></u>	
	Signature: $C.O.O.$

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.

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DEC 2 8 2011

KCC WICHITA