KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t: oen Fl	wa	3,		-		•	ruci	tions on Re	everse s	Side)				. — - •			
✓ Deliverability					Test Date: - 6/10 to 6/11/14					API No. 15 119-21,258-00-00								
Company Oil Prod		s, Inc	of Kansas	3	_ .				Lease Adams	1					1A-5	Well N	lumber	
County Meade						Section 5			TWP 35S			RNG (E/W) 30W				Acres	Attributed	
Field	ield ,					Reservoir 6 Chester						Gas Gathering Con Regency		nectio	n			
Completion Date 7/29/10					Plug Back Total Depti 6173			h				acker Set at		·	_			
Casing S 4.5	Casing Size Weight					Internal Diameter			Set at 6199			Perforations 5748		то 5773				
Tubing Size Weight 2.375					Internal Diameter			Set at 5716			Perforations			То				
Type Completion (Describe) single						Type Fluid Production SW					Pump Unit or Traveling P Yes - pump unit				nger? Ye	s / No		
Producing Thru (Annulus / Tubing) annulus						% Carbon Dioxide .1877					% Nitrogen 1.7647				Gas Gravity - G _e .707			
Vertical Depth(H)						Pressure Taps flange									(Mete 3"	r Run) (F	Prover) Size	
					20 14 at 10:30 am (AM) (PM								at_10:30		(AM) (PM)			
Well on L	ine:		Started 6/	10	20	0 <u>14.</u> at <u>1</u>	0:30 an	<u>า</u>	(AM) (PM)	Taken	6/11	l ,	2	₀ <u>14</u>	at _10:30) am 	(AM) (PM)	
			Circle one:				OBSER	VE	D SURFAC		\			Dura	ation of Shu	72	Hou	
Static / Dynamic Property	Siz	Orifice Size (inches) Prove		sure	Pressure Differential in Inches H ₂ 0	Flowing Welt Head Temperature t t		Casing Wellhead Pressure (P _a) or (P _t) or (P _c) psig psia		- 1	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		1 -	Liquid Produced (Barrels)		
Shul-In	ut-In								226	240.4	1			72				
Flow	.625	5	78		2.8	83			195	209.4	1			24	,			
							FLOW S	TRI	EAM ATTR	BUTES	<u> </u>							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h		Gravity Factor F _g		Те	Flowing Temperature Factor F ₁₁		Deviation Factor	actor		(Cubic Feet/		eeV .	Flowing Fluid Gravity G _m	
1.897	.897 92.4		.4	16.08		1.189 .9		.97	786			35						
(c) ² = 57	7.792	 ?_:	(P _w) ² :	_ 4	3.848 _:	(OPEN FLO	OW) (DEL	.IVE) CALC			;			,) ² = 0.2	207	
	(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²		ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² led by: P _c ² - P _a ²	LOG of formula 1. or 2. and divide by:			Backpressure Curve Slope = "n" or Assigned Standard Slope		rve	n x LOG		Antilog		Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
57.58 <u>5</u>	13.94		.944	4.	.129 .615		8		.850			.5234		3.34		117	117	
									assign	ed		<u> </u>						
pen Flow	v 117	<u></u>			Mcfd @ 14.6	5. psia X	0 =		Deliverab	ility 58	.5			Mcfd	@ 14.65 ps	sia		
					ehalf of the o				_		•	pake the		ort and	d that he h		ledge of 20 <u>14 .</u>	
											Z	ly 7	flla	~				
			Witness (if any)				_		ec.	the 1	NC. For	Compan	· -	CC	WICH	
			For Comm	nissio	n				_					cked by		MUL	19 201	

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