KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	type Test: (See Instructions on Reverse Side) 15-057-20220-00-01													
✓ Open Flow ✓ Deliverabilty					Test Date:				API No. 15					
		ли у	_		1/29 to 1/30/14				057	<u>-29,229-00</u> -		Mall No		
Company America		rrior,	lnc		Lease Boger D				Well Num 1			ımber		
County Location Ford SESESW					Section 18		TWP 27S				Acres Attributed			
Field Konda SE					Reservoir Miss	•		Gas Gathering Con Oneok			ection			
Completion Date 2/28/03					Plug Bac 5035	k Total Dep	th	Packer Set at none						
Casing Size Weight 4.5				ht	t Internal Diameter			Set at Perforations 5114 4932			то 5022			
Tubing Size Weig 2.375				Internal Diameter				Set at Perforations 5032			То			
Type Cor single	npletio	n (De	escribe)		Type Flui SW	Type Fluid Production SW				nit or Traveling oump unit	Plunger? Yes	lunger? Yes / No		
Producing Thru (Annulus / Tubing)						% Carbon Dioxide			% Nitrogen			Gas Gravity - G _g		
annulus Vertical Depth(H)					.1649	.1649 Pressure Taps			14.77	93	.682	Bun\ (B	rover) Size	
VERTICAL	zeparti	'/				flange				_	2"	nuri) (r	Tover) Size	
Pressure	Buildu	ıp:	Shut in	26 2		15 at 10:45 am (AM) (PM) Taken 1) 20 15 at 10			(AM) (PM)	
Well on Line: Started 1/29 20 15 at 10:45 am (AM) (PM) Taken 1/30 20 15 at 10:45 am (AM) (PM)												(AM) (PM)		
OBSERVED SURFACE DATA											Duration of Shut-	_{in_} 72	Hours	
Static / Dynamic	namic Size _{Po}		Circle one: Meter Prover Press	Pressure Differential	Flowing Well Head Temperature Temperature		Casing Wellhead Pressure (P,) or (P,) or (P,)		Wellhe	ubing ad Pressure ·(P,) or(P _e)	Duration (Hours)	Liquid Produced (Barrels)		
Property			psig (Pm)		t t		psig	psia	psia psig		<u>-</u>	<u> </u>		
Shut-In Flow			40	5	43		26.6	38.7			72	1		
.373 40 5				43	FLOW STR	EAM ATT	.!			24				
Plate	,		Circle one:	Press	Grav		Flowing	Flowing Deviation Metered		Metered Flor	w GOR		Flowing	
Coeffiecient (F _b) (F _p)		Meter or Prover Pressure		Extension	Fact	Pactor		emperature Fac		R	(Cubic Fe	et/	Fluid Gravity	
Mefd		psia		√ P _m xh	F,		Fit	F	pv .	(Mcfd)	Barrel)		G _m	
.6860		54	.4_	16.49	1.211	1.	017			14				
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$														
$(P_c)^2 = 1$.681	:	(P _w) ² =	<u> 1.497 :</u>	P _d =		% (P _c - 14.4) +	14.4 == <u> </u>	<u> </u>	(P _d)			
(P _c) ² - (P _a) ²		(P)2 - (P _w)2	1. P _a ² - P _a ²	LOG of		Backpressure Curve Slope = "n"						Open Flow	
(P _c) ₅ - (P _d) ₅				2. P ₂ - P _d 2	formula 1. or 2.	1. or 2.		or Assigned		.og	Antilog	Deliverability Equals R x Antilog		
'' c' '' d'				divided by: Pc2-Pw		and divide P2 - P2 by:		Standard Slope				(Mcfd)		
1.474		.18	34	8.010	.9036		.850		.76	BO	5.86	82		
							Assig	ned						
Open Flow 82 Mcfd @ 14.65					65 psia X .5	$_{5 \text{ psia}} \times .50 = Deliverability 4$			Mcfd @ 14.65 psia					
The	unders	igned	authority, o	on behalf of the	Company, s	tates that h	ne is duly a	uthorized to	make/th	e above repo	ort and that he ha	ıs know	ledge of	
the facts s	tated t	herei	n, and that s	aid report is true	_	t. Executed Rece AS CORPORA	eived		day of <u>F</u>	ebruary	•		₂₀ <u>15</u> .	
	<u> </u>		Witness	(if any)		FEB 0		PERMIT	Mu	The Ford	Company			
			For Com	mìssion		ONICEDIATIO			0-1	Che	cked by			

CONSERVATION DIVISION WICHITA, KS