KANSAS CORPORATION COMMISSION ONE POINT STABLIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2

				ON	E POIN	Т ЅТАВ	LIZED	OF	PEN FLO	w oi	R DELI	VERA	BILIT	YTE	ST	(Re	ev.8	(98)
TYPE TEST:																		
Open Flow																		
Deliverability					TEST DATE:			9-16-11				API No. 15-057-207-15-00-0						
Company					•				Lease						ll Number			
Ritchi	e Explo	oratio	on						#1 Bro	AB				1				
County					Location				Section TWP			''''			Acre	Acres Attributed		
Ford									3- 28			-22W 640						***
Field					Rese	ervoir					G	as Gathe	ering	Connec	tion			
Missis	ssippia	n							· · · · · · · · · · · · · · · · · · ·									
Completion					Plug	g Back Tot	al Deptl	h				Packer Set at						
3-1-1	·				5114													
Casing Size Weight					Internal Diameter				Set at						То			
4.500 10.500					***				514		· · · · · · · · · · · · · · · · · · ·			5005				
Tubing Size Weight					Internal Diameter				.Set at	P	erforati	.ons	To					
2.875			8.70	0	2.500				500									
Type Com	pletion ((Descr	ibe)		Тур	Fluid Pr			r	Pump Unit or Traveling 1				nger?				
Gas saltwater																		
	Producing Thru(Annulus/Tubing)					% Carbon Dioxide									Gas Gravity- Gg			
Tubin	-				.074					1	15.878			.692				
Vertical Depth (H)					Pres	sure Taps									Meter Run Size			
5151					Flange											3.06	8	
Pressure	-				9-12-11				TAKEN			9-15-11						
Well on I	ine:	Star	ted	9-	9-15-11					TAKEN	9-1	6-11						
OBSERVED SURFACE DATA																		
					<u>-</u>		1	1								,		
Static/ Orifi				- 1	Pressure	Flowing	WellHe		Casing WellHead Press. $(P_w)(P_t)(P_c)$. Tubing WellH (Pw) (Pt					- 1	Liquid
Dynamic Property	Size in.			- 1	Diff. In. H ₂ 0	Temp.	Temp.			- -		 						Prod. Barrels
				\dashv		τ.	t.		psig		psia	psig		psia				
Shutain	Shut-in								1004		1018 	1003		10	1017		72.0	
Shue In		\dashv					-		1004	1 1010 1		1003		- 10			72.0	
Flow	Flow 1.375		34.0		92.00	60	60_		689	703		671		684	685		24.0	
	<u> </u>				, 000		27.	<u> </u>										
						F	LOW	STF	REAM AT	TRIB	UTES							
CORPETAL	-	/\con=										1				· ·		
COEFFICIENT (F _b)		(METER)			TENSION	GRAVI'							ATE OF FLOW		COR		_	
Mcfd		PRESSURE psia		√ P	m x H	FACTO			FACTOR Ft	FACTOR Fpv		R Mcfd			G	GOR G m		m
						 					<u>-</u>							
9.486	s .	48.7			66.90 1		.2021 1		0000 1		.0037		765				.692	
-	·								1							L		
					(OF	PEN FLO	DW)(D	EL	IVERABII	_ITY) CALC	ULATI	ONS	•	(Pa	$(a)^2 = 0.3$	207	
(Pc) ² =	1037.6	6	(P	w) ² =	= 495	.1	Pd =			8	(Pc - 14	.4) + 14	.4 =			1) ² =		
(P _C) ² -	(P) ²	•		ĪΓ	(P _C) ² - (P	,2 7	Γ	1	Backpress	ure		ار -						
\ `-c'	-	2	•	- 11	`_c'_or \-	(P _C) ² - (P _a) ²			Curve Slop	pe"n"						Open Flow Deliverability		
		$(P_c)^2 - (P_w)^2$		_	$\frac{(P_c)^2 - (P_d)^2}{(P_c)^2}$		LOG		or Assigned		n x LOG		λ.	3nt:1nn		= R x An		ilog
					$\lfloor (P_c)^2 - (P_w)^2 \rfloor$		L		Standard S				Antilog		-	MCIG		
						"												
1037.43		542.52		1.912		2	.2815		1.000		.281	5	1.9			1464		
	ست سالمرزه							-	·				_	-				
OPEN FLOW	-		1464		Mo	efd @ 14.6	5 psia		D	ELIVE	RABILITY					Mcfd @	14.6	55 psia
The unc	dersigned	author	rity, on	bchai	f of the Con	npany, sta	tes that h	e is	duly authoriz	ed to n	nake the a	bove repo	ort and	that he	has kn	owledge	of th	e facts
stated herei								18	3th	day		Octobe				, 20		
									RECEIVE	T	0000 ^m	0 a 4 4		Mo =		n+ 0-		
	Witnes	s (if a	ny)		· · · · · · · · · · · · · · · · · · ·				APAPIA	<u>H</u>	osco I	esting	<u>α</u> /	reast	For Co	ompany	•	22
	DEC 082	C 0 8 2011 A SISSESS					245		_									
	For Co	mmiss	sion					463	~ man 4. m ₹	₩			7		Check	ed by		

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