KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					6	See Instruc	tions on Re	verse Side)				
Op	en Flo	w								A D	No de			
Deliverabilty				Test Date 6/2/15	1.		API No. 15 1 5-071 - 20537 0000							
Company Murfin Drilling Company							Lease Linn A				1	Well Number		
County Location Greeley				Section 14		TWP 18S		RNG (E/W) 43W		Acres Attributed				
Field Moore-Johnson					Reservoir Morrow				Gas Gathering Connection Vess Oil Corporation for ER			4412		
Completion Date 2/7/91					Plug Back	k Total Dep	th		Packer 9	Set at	on for ER KANSAS CORPORATION COMMIS To			
	asing Size Weig 5 15.5					Internal D	Internal Diameter 4.95		Set at Pe 5175 51		rations 7	To 5131 ^Q	To JUN 29 2015 To WICHTA, KS	
	ubing Size			Weight 6.5			Internal Diameter				rations	То	WICHITA, KS	
Type Completion (Describe) Natural					Type Flui	Type Fluid Production Oil & Water			Pump Unit or Traveling Plunger? Pump Unit					
	Thru	(An	rulus / Tubir	na)			arbon Diox	ide		% Nitrog		Gas Gr	avity - G	
Annulus		(* ****	1440 / 1421	·9/		1.695	aibeit biox		42.67		0.938			
Vertical Depth(H)						sure Taps			··· •		Run) (Prover) Size			
Pressure	Buildu	ıp:	Shut in 6/	1	20	15 _{at} 9:	:00	(AM) (PM)	Taken 6/	2	20	15 _{at} 9:00	(AM) (PM)	
Well on Li	ine:		Started		20) at		(AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic	ynamic Siz		ze Prover Pres		Pressure Differential in	Flowing Temperature						Duration (Hours)	Liquid Produced (Barrels)	
Property			hes) psig (Pm		Inches H ₂ 0	t		psig	psia	psig	psiá			
Shut-In								52		25	<u> </u>	24		
Flow								<u> </u>						
				_		1	FLOW STE	REAM ATTR	IBUTES	- 1		- ,		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Evionaion		ity or	Flowing Temperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _n	
(P _c)² ≈		_:	(P _w) ²	=	:	(OPEN FLO		'ERABILITY % (F) CALCUL ', - 14.4) +		·	(P _a) ² (P _d) ²	?= 0.207	
	(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ²		formula 1 or 2:	LOG of		Backpre	ssure Curve				Open Flow Deliverability	
(P _c) ² - (P _d) ²					P _c ² -P _d ² by: P _c ² -P _w ²	1, or 2, and divide by:	and divide p_2_p 2		orsigned ard Slope			Antilog	Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					35 psia		Deliverab	ility			Mcfd @ 14.65 psi	a		
The u	ınders	igned	authority,	on beh	alf of the	Company, s	tates that h	e is duly au	thorized to	make th	ne above repo	ort and that he ha	s knowledge of	
ne facts st	ated t	herei	n, and that s	said rep	port is true	and correct	. Executed	this the	19_	day of	Dune	0	, 20	
			Witness	(if any)				-	Tho	mah		Zompany		
			For Com	mission				-			Chec	cked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am author exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Murfin Drilling Company In and that the foregoing pressure information and statements contained on this application for correct to the best of my knowledge and belief based upon available production summaries and of equipment installation and/or upon type of completion or upon use being made of the gas well. I hereby request a one-year exemption from open flow testing for the Linn A 1 gas well on the grounds that said well:	rm are true and d lease records
(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 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 I further agree to supply to the best of my ability any and all supporting documents deems staff as necessary to corroborate this claim for exemption from testing. Date: 6-19-15	Received JUN 29 2015 CONSERVATION DIVISION WICHITA, KS
Signature: Thum a Mellor Title: Production Engineer	

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.