KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				('See Ins	tructi	ons on Rev	rerse Side)						
Open Flow				Test Date	Test Date:					l No. 15	~-					
	liverabilty	<u> </u>			05/19/2	011				15	-097-2130 <u>4</u>	1-00	<u> </u>			
Company Advanta		sources, Ir	nc.					Lease Byrd Ha	ardy				1	Well Nu	mber	
County Kiowa			Location SW NW		Section 18			TWP 28S		RNG (E/W) 17W			Ac 80		cres Attributed	
Fleid Brenham				Reservoir Mississippi				Gas Gathering Co Oneok		•	ection					
Completion Date 01/03/1991		*		Plug Back Total Dep 4862			Depti	h Pa		Packer 8	Set at					
Casing Size 4 1/2		Weig	ht	Internal C		Diameter		Set at		Perforations 4776		то 4794				
Tubing Size 2 3/8		Weig	ht	Internal Di		Diamete	ameter		Perforation		orations		То			
Type Completion (Describe) Single (Gas)				Type Fluid Production Gas & Water					Pump Unit or Traveling Plunger? Y				/ No			
Producing Thru (Annulus / Tubing) Annulus / Pumping				% C	% Carbon Dioxide								Gas Gravity - G _g 0.6172			
Vertical D	epth(H)	11.11				ı	Press	ure Taps					(Meter	Run) (P	rover) Size	
Pressure	Buildup:	Shut in 05	/19	2	0_11_at_8	:00 an	<u>, </u>	(AM) (PM)	Taken 05	5/20		11 at_	8:00 a	im	(AM) (PM)	
Well on L	ine:	Started		2	0 at			(AM) (PM)	Taken		20	at _	- -	(AM) (PM)	
					,	OBSE	RVE	SURFACE	DATA	_		Duration	of Shut	-ln	Hours	
Static / Dynamic Property	Oritice Size (inches)	Circle one: Mater Prover Press psig (Pm)		ential 1	Flowing Temperature 1	Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _e) psig psia		Tubing Wellhead Pressure (P _w) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In								135		N/A		24		3W		
Flow	-							75		N/A		-				
			,			FLOW	STRE	EAM ATTRI	BUTES					_		
Plate Coefficient (F,) (F,) Mcfd		Girde one: Meter or Prover Pressure psia	Pre Extor	sion	Grav Fact	lor	Te	Flowing emperature Factor F _{ft}	Fa	iation ctor : PY	Metered Flow Fl (Mcfd)	v GOR (Cubic Fo Barrel)			Flowing Fluid Gravity G _m	
											25					
					•	OW) (DE	ELIVE	RABILITY)				<u> </u>)² = 0.2	07	
)' =	 :	(P _*)² =	Choose form	:	P _d =		<u></u> %		<u>- 14.4) +</u>	ĭ	 ;		(P _e))² = T		
(P _e) ² - (F	? _a) ²	(P _o) ² - (P _w) ²		1. P ² -P ² LOG of formula 2. P ² -P ² 1. or 2 and divided by: P ² -P ² by:		P2-P2		Backpressure Curve Slope = "n"		n x	rog [Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
						-						7-24				
Open Flov	_ v		Mefe	@ 14	65 psia			Deliverabi	lity			Mcfd @	14 65 00	ia.		
•		ed authority, o				tates th	at he			n make ti			•		ledge of	
		rein, and that s								day of		. v mirel (II			20 11	
								. 		Lo	/ // // //	1	13	C.	Soom :-	
		Witness	(if any)					_		100	CV TFOR	ompany	<i></i>	, 7 t	ECEIVE	
		For Com	mission				_		/		Chec	ked by		J	UL 112	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Advantage Resources, Inc. and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Byrd Hardy 1
gas well on the grounds that said well:
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 deemed by Commissionstaff as necessary to corroborate this claim for exemption from testing.
Date: <u>06/30/2011</u>
Signature: Title: Vice President

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.

RECEIVED

JUL 1 1 2011