Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			. (5	See Instructi	ions on Reve	erse Side)				
Open Flow Deliverabilty			Test /29/2014				15-007-20859- 0000				
Apollo Energi	es Inc.				Piersal	ľ			1 ^v	Vell Number	
County Location NE NE NW			Section 8		35 35		RNG (E/W)		Acres Attribute		
Field Hardtner			Reservoir Mississippi Chat				Gas Gathering Connection OneOK				
Completion Date 10/07/1980			Plug Back 4885	Total Dept	h		Packer Set	at		· · · · · · · · · · · · · · · · · · ·	
Casing Size Weight 8.625			Internal D	iameter	Set at 329		Perforations 4832		To 4842		
Tubing Size Weight 4.5			Internal D	iameter	Set at 4899		Perforations 4848		To 4852	· · · · · · · · · · · · · · · · · · ·	
Type Completion (D perforated - Si	escribe)	.5)		Production			Pump Unit Pump U	or Traveling	Plunger? Yes	['] No	
Producing Thru (An Annulus	nulus / Tubing)			arbon Dioxi			% Nitrogen		Gas Gra	vity - G	
Vertical Depth(H)				Press	sure Taps			•	(Meter R	un) (Prover) Size	
Pressure Buildup:	Shut in Sept	11 20	13 9: 0at	00	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Line:	Started Sept	12 20	13 10 at	0:00	(AM) (PM)	Taken		20	at	(AM) (PM)	
पुरक ,खद्रहरू कह्न इस इस इस हम	ju Pustifijat 899.g	Leuret P. Bate	to use your stools		D SURFACE		1.57	Hay.	Duration of Shut-i	25.0 Hours	
Static / Orifice Dynamic Size Property (inches)	Meter Prover Pressure	Differential.	Flowing Temperature t	Well Head Temperature t	Casir - Wellhead P (P _w) or (P _t)	ressure for (P _c)	(P _w) or (F	Pressure****	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	psig (Pm).	Inches H ₂ 0-			pšig	psia	psig	125			
Flow								48			
, , ,		<u> </u>	1 = 41 +	FLOW STR	EAM ATTRI	BUTES		<i></i>		10.25.24.2	
Plate Coefficeient (F _b) (F _p) Pr	Circle one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fact	or]]	Flowing emperature Factor F _{ft}	Fa	iation ctor.	Metered Flor	w GOR (Cubic Fee Barrel)		
			211	·		-				· ·	
· · · · · · · · · · · · · · · · · · ·		and the second second	(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P ₂) ²	= 0.207	
(P _c) ² = :	$(P_w)^2 = \frac{1}{12}$	<u> 1 k a." 5,31</u>	P _d = *		% (P	- 14.4) +	14.4 =	3625-22	'^`(P d)2		
$(P_c)^2 - (P_a)^2$ (representation or $(P_c)^2 - (P_d)^2$	P _c) ² - (P _w) ²	oose formula 1, or 2: 1. $P_c^2 = P_a^2$ 2. $P_c^2 = P_d^2$ ided by: $P_c^2 = P_a^2$	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Slope Assi	sure Curve e = "n" or gned rd Slope-	n x LO	G	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		idea by. T c - 14 w	,		i					· · · · · · · · · · · · · · · · · · ·	
70140		1			1		1		(\$ \$	
Open Flow	Land Section (1)	Mcfd @ 14.	65 psia		Deliverabil	ity ,	1000000	and the first of	Mcfd @ 14.65 psia	for sale	
The undersigne	ed authority; on t	behalf of the	Company, s	tates that h	e is duly aut	ੁਤ horized-t ਨਿੰਡਿਲਿਟ		above-repo bruary	ort and that he has	knowledge of	
the facts stated there	ein, and that said	report is true		Executed	this the VICHIT		day of			<u></u> , 20 <u></u> - <i></i> (m 6) (25	
- 1018 01 01 N	Witness (if ar	ny)			. =	YY	Z	e por	Oyers Company	<u>/</u>	
•	For Commiss			MAR 0	3 2014	•	~		cked by		
				DEC	rn m		•	0.16			

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 Apollo Energies 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 Piersall 1 gas well on the grounds that said well: (Check one) is a coalbed methane producer 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 Commission staff as necessary to corroborate this claim for exemption from testing. Signature: Signature:	
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Signature:	Date:
Signature:	
Signature:	
Signature:	
Signature:	
\cdot ,	
Title: Production Technician	Title: Production Technician

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.

MAR 0 3 2014

RECEIVED