KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

IP TEST		ONE I	ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST										
Type Test				(See Instructi	ions on Re	verse Side))					
Open Flow Deliverabilty				Test Date: 11-13-13				API No. 15 15-175-20577 0000					
Company THREE-D RESOURCES, INC.				Lease KEATING 'A'				-		23	Well Number		
County Loca SEWARD W/2			n	Section 23			TWP 34S		(W)		Acres Attributed 640		
Field ARKALON			HI HAP MY 1870-1811 Man 1 Incom/	Reservoir MORRO		h, et set sés cas Millendos cabilicacións d'auto	Gas Gathering C DCP		thering Conn	ection			
Completion Date 6-3-82				Plug Bac 5800	k Total Depti	n	Packer 5520		Set at		Total III		
Casing Size Weight 4.5 9.5		Weight 9.5		Internal Diameter 4.090		Set at 6030		Perforations 5564		To 5572			
Tubing Size Weig 2.375 4.7				Internal Diameter 1.995		Set at 5552		Perforations		То			
	Type Completion (Describe) SINGLE GAS			Type Fluid Production WATER				•	nit or Traveling PLUNGER	Plunger? Yes / No			
•	Producing Thru (Annulus / Tubing) TUBING			% Carbon Dioxide			% Nitrog	}en	Gas Gr 0.648	avity - G _g			
Vertical D 5568	epth(H)				Press FLAN	ure Taps IGE				(Meter	Run) (Prover) Size		
Pressure	Buildup:	Shut in11-1	2-13)at	030	(AM) (PM)	Taken 1	1-13-13	20	at1030	(AM) (PM)		
Well on L	ine:	Started	20) at		(AM) (PM)	Taken		20	at	(AM) (PM)		
	•				OBSERVE	SURFAC	E DATA			Duration of Shut-	in 24.0 Hours		
Static / Orifice Dynamic Size Property (inches)		Prover Pressur	Pressure Differential in Inches H ₂ 0	Flowing emperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing Welihead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shul-In						psig	psia	66.9	81.3	24.0			
Flow													
				<u> </u>	FLOW STR	EAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter Ot Prover Pressure psia	Press Extension ✓ P _m x h	Gravity Factor		Temperature Fa		viation Metered Flo actor R = (Mcfd)		W GOR Flowin (Cubic Feet/ Gravil Barrel) G _m			
						4							
(P _c) ² =		: (P) ² =	;	-	OW) (DELIVI		•		• • • • • • • • • • • • • • • • • • •		² = 0.207 ² =		
Í		(P _o) ² - (P _w) ²	1. $P_c^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_d^2$	LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		9	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		d	ivided by: $P_c^2 - P_w^2$	- Oy:		Siant	iaro Siope		<u>, , , , , , , , , , , , , , , , , , , </u>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
				<u></u>									
Open Flow			Mcfd @ 14.6	35 psia	psia Deti		liverability		Mcfd @ 14.65 psia		ia		
	_	ned authority, on rein, and that sai				-				ort and that he ha	as knowledge of		
											,		
COPY	r TU	KCC WICHI Wilness (if			KCC V	VICHI	TAREC	ISTON	WIRELIN For MARK B	E AND TEST	ING		
		For Commi	ssion		DEC 2	7 2013	.,			cked by			

RECEIVED

exempt status under Rule K. and that the foregoing pres correct to the best of my kno of equipment installation and	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator THREE-D RESOURCES, INC. Issure information and statements contained on this application form are true and owledge and belief based upon available production summaries and lease records d/or upon type of completion or upon use being made of the gas well herein named. In the state of Kansas that I am authorized to request the contract of the same and the state of the same and the state of the gas well herein named. In the state of Kansas that I am authorized to request the contract of the same authorized to request the same
is cycled is a sour is on vac	bed methane producer I on plunger lift due to water ce of natural gas for injection into an oil reservoir undergoing ER cuum at the present time; KCC approval Docket No pable of producing at a daily rate in excess of 250 mcf/D
•	y to the best of my ability any and all supporting documents deemed by Commission porate this claim for exemption from testing.
Date: 12-24-13	
· · · · · · · · · · · · · · · · · · ·	Signature: Production of the State of the St

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.

1997 - 1 (1) (2) - 13 (1) (1) (1) (1)