KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Open Flow Deliverability Test Date: API No. 15 181-20394-00-00 Company Foundation Energy Management, LLC BRATCHER County SHERMAN NW-NE-NE-SW 19 6S 39W Field Reservoir Gas Gathering Connection RNG (E/W) Acres Attribute Gas Gathering Connection	
Company Foundation Energy Management, LLC County SHERMAN NW-NE-NE-SW Reservoir Lease BRATCHER BRATCHER BRATCHER RNG (E/W) Acres Attribute Gas Gathering Connection	
Foundation Energy Management, LLC BRATCHER 23-19 County Location Section TWP RNG (E/W) Acres Attribute SHERMAN NW-NE-NE-SW 19 6S 39W Field Reservoir Gas Gathering Connection	
County Location Section TWP RNG (E/W) Acres Attribute SHERMAN NW-NE-NE-SW 19 6S 39W Field Reservoir Gas Gathering Connection	
	ted
PRAIRIE STAR NIOBRARA KINDER MORGAN	
Completion Date Plug Back Total Depth Packer Set at	
2/7/2006 1467	
Casing Size Weight Internal Diameter Set at Perforations To	
7", 4 ½" 17# 10.5# 6.538, 4.052 404, 1522 1320' 1353 Tubing Size Weight Internal Diameter Set at Perforations To	
2 3/8" 4.7# 1.995 1387	
Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No	
SINGLE SALTWATER ROD PUMP	
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g ANNULUS	
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) S	Síze
	0.20
Pressure Buildup: Shut in 10/28 20 14 at 8:20 AM (AM) (PM) Taken 20 at (AM) (PM)	 PM)
Well on Line: Started 10/29 20 14 at 8:20 AM (AM) (PM) Taken 20 at (AM) (PM)	эм)
24	
	Hours
Static / Orifice Meter Differential Flowing Well Head Pressure Wellhead Pressure Duration Alguid Produc	rced
Property (Inches) color (Pro) total	IA
Shut-in psig (Pm) Inches H ₂ U psig psia psig psia 44 DEC 1 2014	.
Flow RECEIVED	
FLOW STREAM ATTRIBUTES	
Plate Circle one: Press Gravity Flowing Deviation Metered Flow GOR Flowing	ving
Coefficient Meter or Extension Factor Temperature Factor R (Cubic Feet Factor R	
$(F_b)(F_p)$ Flower Flessure $P_m \times h$ P_g Factor $P_p \times h$ $P_m \times h$ $P_$	•
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$	
$(P_c)^2 = $: $(P_w)^2 = $: $P_d = $. $(P_c - 14.4) + 14.4 = $: $(P_d)^2 = $.	-
(P _c) ² - (P _a) ² (P _c) ² - (P _w) ² 1. P _c ² - P _c ² LOG of Slope = 'n' Slope = '	w
or formula n x LOG Antilog Deliverabilit	-
(P _c) ² - (P _d) ² 2. P _c ² - P _d 1.072. and divide divide by: P _c ² - P _c ² by: Assigned Standard Slope	nucy
Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of	of.
the facts stated therein, and that said report is true and correct. Executed this the	
Witness (if any) For Company	
For Commission Checked by	

exempt st and that to correct to of equipm I here	atus under Rule K.A.R. the foregoing pressure the best of my knowled tent installation and/or	perjury under the laws of the state of Kansas that I am authorized to request a 82-3-304 on behalf of the operator Foundation Energy Management, LLC information and statements contained on this application form are true and dge and belief based upon available production summaries and lease records upon type of completion or upon use being made of the gas well herein named. exemption from open flow testing for the BRATCHER 23-19 d well:
	` —	methane producer
	 	plunger lift due to water
	is a source of	f natural gas for injection into an oil reservoir undergoing ER
	is on vacuum	at the present time; KCC approval Docket No
	is not capable	e of producing at a daily rate in excess of 250 mcf/D
l furth	ner agree to supply to t	the best of my ability any and all supporting documents deemed by Commission
staff as n	ecessary to corroborat	te this claim for exemption from testing.
	ecessary to corroborat 12/5/2014	te this claim for exemption from testing. KCC WICHITA
staff as no		
		KCC WICHITA

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.