G-2

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: (See Instructions on Reverse Side)

☐ Open Flow ☒ SHUT-IN PRESSURE
☐ Deliverabilty

Test Date: 11-2-99

API No. 15 - 103-20337-00-00

RECEIVED
KANSAS CORP COMM
1999 NOV 12

Company: MONUMENT RESOURCES, INC.		Lease: C. HEIM			Well Number: # 1-19
County: LEAVENWORTH	Location: NENENE	Section: 19	TWP: 9S	RNG (E/W): 22E	Acres Attributed: 40
Field: —	Reservoir: McLouth / BURGESS		Gas Gathering Connection: COG TRANSMISSION CORP.		
Completion Date: 2-10-86		Plug Back Total Depth: 1268'		Packer Set at: — N.A. —	
Casing Size: 4 1/2"	Weight: 9.5#	Internal Diameter: —	Set at: 1268'	Perforations: 1173'	To: 1180'
Tubing Size: 2 3/8"	Weight: 4.7#	Internal Diameter: —	Set at: 1190'	Perforations: —	To: —
Type Completion (Describe): GAS		Type Fluid Production: NIL		Pump Unit ~~or Traveling Plunger~~? Yes / ~~No~~: PUMP	
Producing Thru (Annulus / ~~Tubing~~): ANNULUS		% Carbon Dioxide: NIL	% Nitrogen: NIL	Gas Gravity - G_g: —	
Vertical Depth(H): 1180'		Pressure Taps: —		(Meter Run) (~~Prover~~) Size: 3"	

Pressure Buildup: Shut in _____ 19 ___ at _____ (AM) (PM) Taken _____ 19 ___ at _____ (AM) (PM)

Well on Line: Started _____ 19 ___ at _____ (AM) (PM) Taken _____ 19 ___ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size inches	Circle one: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	—	—	—	—	—	10	—	—	—	24	—
Flow											

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times H_w}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = _____ : $(P_w)^2$ = _____ : P_d = _____ % $(P_c - 14.4) + 14.4$ = _____ : $(P_a)^2$ = 0.207 $(P_d)^2$ = _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" / Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog Mcfd

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 the facts stated therein, and that said report is true and correct. Executed this the 9th day of November, 19 99.

Witness (if any)

A. G. FOUST - PRES For Company

For Commission

Checked by

Form G-2
(Rev. 8/98)

I declare under penalty or 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 MONUMENT RESOURCES, INC. and that the foregoing information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon gas production records and records of equipment installation and/or of type completion or upon use of the gas well herein named.

I hereby request a permanent exemption from open flow testing for the C. Heim # 1-19 gas well on the grounds that said well:

(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 incapable of producing at a daily rate in excess of 150 mcf/D

Date: 11/9/99

Signature: A L Foust

Title: PRESIDENT

Instructions: All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though it was a verified report of test results.