

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

FORM G-2
(Rev.8/98)

TYPE TEST:

- ☒ Open Flow
☐ Deliverability

TEST DATE:

API No. 175-21179

Company Eagle Creek		Lease Geisinger			Well Number 4-11	
County Seward	Location S/2 S/2 NW	Section 11	TWP 31s	RNG(E/W) 31w	Acres Attributed	
Field Thirty One	Reservoir Pawnee Lime	Gas Gathering Connection				
Completion Date 6/16/05	Plug Back Total Depth 5772	Packer Set at				
Casing Size 4.500	Weight 10.500	Internal Diameter 4.052	Set at 5775	Perforations 5056	To 5059	
Tubing Size 2.375	Weight 4.700	Internal Diameter 5056.000	Set at	Perforations	To	
Type Completion (Describe) Acid	Type Fluid Production	Pump Unit or Traveling Plunger? no				
Producing Thru (Annulus/Tubing) tubing	% Carbon Dioxide .031	% Nitrogen 16.472			Gas Gravity- Gg .718	
Vertical Depth (ft) 5058	Pressure Taps	Prover Size 2"				
Pressure Buildup: Shut in	6/16/2005 @ 1300	TAKEN	6/23/05@1215			
Well on Line: Started	6/23/05@1230	TAKEN	6/24/2005@1300			

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Prover Pressure psig	Pressure Diff. In. H ₂ O	Flowing Temp. t.	WellHead Temp. t.	Casing WellHead Press. (P _w) (P _t) (P _c)		Tubing WellHead Press. (P _w) (P _t) (P _c)		Duration (Hours)	Liquid Prod. Barrels
						psig	psia	psig	psia		
Shut-in						1385	1398	1082	1095	168.0	
Flow	.500	19.0		94		1258	1271	1002	1015	24.5	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _p) Mcfd	PRESSURE psia	(PROVER) EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW R Mcfd	GOR	G _m
4.380	32.4	32.40	1.1802	.9688	1.0018	162		.718

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P _c) ² = 1955.5		(P _w) ² = 1616.5		Pd =		% (P _c - 14.4) + 14.4 =		(Pa) ² = 0.207
(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ²		LOG		Antilog		Open Flow Deliverability = R x Antilog Mcfd
1955.34		339.06		5.767		.7609		634

OPEN FLOW 634 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 herein and that said report is true and correct. Executed this the 25 day of July, 20 05

Witness (if any)

For Commission

For Company

Checked by