

**KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST**

FORM G-2
(Rev. 8/98)

TYPE TEST:

- Open Flow
 Deliverability

TEST DATE: 9-10-10 API No. 15-175-22133-0000

Company A.E.S Inc		Lease Peters		Well Number 2-15	
County Seward		Location S15-33s-33w		Acres Attributed	
Field Evelyn-Condit		Reservoir Morrow		Gas Gathering Connection	
Completion Date 4-23-08		Plug Back Total Depth 6236		Packer Set at	
Casing Size 4.500	Weight 11.600	Internal Diameter 4.000	Set at 6400	Perforations 5865	To 5876 MS.
Tubing Size 2.375	Weight	Internal Diameter 2.000	Set at 6052	Perforations	To
Type Completion (Describe) Gas		Type Fluid Production Saltwater		Pump Unit or Traveling Plunger?	
Producing Thru (Annulus/Tubing) Tubing		% Carbon Dioxide .161		% Nitrogen 3.086	
Gas Gravity- Gg .664		Vertical Depth (H) 5898		Meter Run Size 2.067	
Pressure Buildup: Shut in 9-6-10		Pressure Taps Flange		TAKEN 9-9-10	
Well on Line: Started 9-9-10				TAKEN 9-10-10	

OBSERVED SURFACE DATA

Static/ Dynamic Property	Orifice Size in.	Meter 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						825	839	815	829	72.0	
Flow	1.500	24.5	21.90	60	60	336	350	274	288	24.0	

FLOW STREAM ATTRIBUTES

COEFFICIENT (F _b) Mcf/d	(METER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW R Mcf/d	GOR	G _m
13.090	38.9	29.19	1.2272	1.0000	1.0036	470		.664

(OPEN FLOW)(DELIVERABILITY) CALCULATIONS

(P_c)² = 704.6 (P_w)² = 122.8 P_d = (P_c - 14.4) + 14.4 = (P_a)² = 0.207
(P_d)² =

$(P_c)^2 - (P_a)^2$	$(P_c)^2 - (P_w)^2$	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$ or $\frac{(P_c)^2 - (P_d)^2}{(P_c)^2 - (P_w)^2}$	LOG	Backpressure Curve Slope "n" --- or --- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability = R x Antilog Mcf/d
704.39	581.81	1.211	.0830	.541	.0449	1.109	521

OPEN FLOW 521 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 14th day of Sept., 20 10

Witness (if any)

For Commission

Hosco Testing & Measurement Co.

For Company
Checked by