Form G-2
(Rev. 3-0)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: (See Instructions on Reverse Side)

✓ Open Flow
Deliverabilty

Test Date: 8-13-15

API No. 15: 15-097-20552-00-00

Company	Lease	Well Number
NOVY OIL AND GAS	BOOTH	1

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
KIOWA		36	30S	18W	640

Field	Reservoir	Gas Gathering Connection
ALFORD	MISSISSIPPI	ONEOK FIELD SERVICES

Completion Date	Plug Back Total Depth	Packer Set at
August 31, 1979	5060	None

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5 1/2	5.5	4.950		OPEN HOLE	5015-5060

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 3/8	4.7	1.995	5015		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
SINGLE GAS	WATER/OIL	YES-PUMP UNIT

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
ANNULUS	0.175	1.307	0.6358

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
5038	FLANGE	3.068

Pressure Buildup: Shut in 8-9-15 20 ___ at 0900 (AM) (PM) Taken 8-12-15 20 ___ at 0900 (AM) (PM)

Well on Line: Started 8-12-15 20 ___ at 0900 (AM) (PM) Taken 8-13-15 20 ___ at 0900 (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 72.0 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in 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 (P_w) or (P_t) or (P_c) psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						73.3	87.7			72.0	
Flow	.375	29.2	27.7	73	75	34.1	48.5			24.0	1.5

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	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
.6847	43.60	34.75	1.2541	0.9877	1.0036	29.6	NONE	0.6358

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = 7.7 : $(P_w)^2$ = 2.4 : P_d = 55.3 % $(P_c - 14.4) + 14.4$ = 87.7 : $(P_a)^2$ = 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" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
7.48	5.34	1.402	0.1467	0.850	0.1247	1.3326	39.42

Open Flow 39 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 the 13 day of AUGUST, 20 15

Received
KANSAS CORPORATION COMMISSION
AUG 17 2015
8-17-2015
CONSERVATION DIVISION
WICHITA, KS

Copy to KCC Wichita
Witness (if any)

For Commission

Precision Wireline & Testing
For Company

Checked by