

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

Open Flow
 Deliverability

Test Date:
12/10/03

API No. 15
023-20-092-00-00

Company: Priority Oil & Gas LLC. Lease: Hilt Well Number: 1-11

County: Cheyenne Location: C NW/4 Section: 11 TWP: 3 RNG (E/W): 42W Acres Attributed:

Field: Cherry Creek Reservoir: Niobrara Gas Gathering Connection: Priority Oil & Gas LLC

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Completion Date: 11-16-78 Plug Back Total Depth: 1587 Packer Set at:

JUL 26 2004

Casing Size: 4.500 Weight: 10.500 Internal Diameter: 4.052 Set at: 1619 Perforations: 1504 To: 1514

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Tubing Size: NONE Weight: Internal Diameter: Set at: Perforations: To:

Type Completion (Describe): single (gas) Type Fluid Production: none Pump Unit or Traveling Plunger? Yes / No

Producing Thru (Annulus / Tubing): CASING % Carbon Dioxide: % Nitrogen: Gas Gravity - G_g:

Vertical Depth(H): Pressure Taps: (Meter Run) (Prover) Size:

Pressure Buildup: Shut in 12/9 ²⁰⁰³ at 3:45 (AM) (PM) Taken 19 at (AM) (PM)
Well on Line: Started 12/10 ²⁰⁰³ at 4:45 (AM) (PM) Taken 19 at (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in _____ Hours

Static / Dynamic Property	Orifice Size inches	Circle one: Meter or Prover Pressure psig	Pressure Differential in (h) Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In											
Flow	.4375					123	137.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\frac{1}{2} P_m \times H_w$	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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- or ----- 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 23rd day of July, 2004

Witness (if any) _____
For Commission _____

Priority Oil & Gas LLC
For Company
Amy McLean
Checked by

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 Priority Oil & Gas LLC 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 Hilt 1-11 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: 7/23/04

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Signature: Amy McLean
Title: Administrative Assistant

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.



July 23, 2004

Jim Hemmen
Kansas State Corporation Commission
130 S. Market Rm 2078
Finney State Office Building
Wichita, KS 67202

RE: G-2 RE-submittals

Dear Mr. Hemmen,

Enclosed are G-2 forms for the following wells:
DeGood 1-31 Hilt 1-11

In regards to the Walz 1-25, you have not received information on this well as we have not drilled this well.

I do believe that these submittals will bring us up to date for the 2003 testing period. Thank you for your patience. Should you have any questions, please feel free to contact me at 303-296-3435.

Andrews Well Service of Idalia, Colorado performed the tests. We have completed the forms in full, and I have signed where required.

Thank you,

Amy McLean
Administrative Assistant

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