KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | t: oen Flov | v | | - | | | ctions on Re | verse Side) | | | ~ 225 | 2 <i>9</i> adaa |
|--|---|---|---|---|--------------------------------|--|-----------------------------------|---|---|-----------------------------|--|---|
| $=$ \cdot | liverabi | | | | Test Date | : 6- | | | API | No. 15 - 00 | 7-225 | |
| Company | Co | ats l | £~e~g | y. he | | | Lease C | larke | 2_ | | , | Well Number |
| County Location SENWNW | | | | Section TWP 31s | | | RNG (EW) 12 W | | | Acres Attributed | | |
| Field | | | | | Reservoir Lower Borglas | | | | Gas Gathering Connection | | | |
| Completion Date 7/9/97 | | | | | Plug Back Total Depth 3750 | | | | Packer Set at | | | |
| Casing Size 41/2 Weight 10.5 | | | | | Internal Diameter Set at 3797 | | | | Perfo | rations 3 b | 995 [™] 36 | 99 |
| Tubing Size 23/8 Weight 4.7 | | | | | Internal Diameter Set at 369 T | | | Perfo | rations | То | | |
| Type Cor | npletion Si- | (Descrit | Pump | ام.ور | Type Flui S≠ | d Production レナ いん | ter | | Pump Ur | nit or Traveling | Plunger? (Yes) | No |
| Producing Thru (Annulus / Tubing) | | | | | % Carbon Dioxide | | | | % Nitrog | | | avity - G. 6662 |
| Vertical Depth(H) | | | | | Pressure Taps Flugeo | | | | d | | • | Run) (Prover) Size |
| Pressure | Buildup | : Shut | in | 6-6 26 | 13 at _ | qan | (AM) (RM) | Taken | 6-7 | 7 <u>2</u> 49/ | 3 at 9 a | (AM) (PM) |
| Well on L | ine: | Starte | ed | 19 | at | | (AM) (PM) | Taken | | 19 | at | (AM) (PM) |
| | | | | | | OBSERVE | D SURFAC | E DATA | | | Duration of Shut- | n 2Y Hours |
| Static / Dynamic Property | Static / Orifice Meter ynamic Size Prover P. | | Circle one: Meter or ver Pressure psig | Pressure Differential in (h) Inches H ₂ 0 | Flowing Temperature t | Well Head Temperature t Cas Wellhead (P*) or (P | | Pressure | | | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | .37 | 5 | | - | | | 122 | 169.4 | poig | puls | | |
| Flow | | | <u> </u> | | - | | | | | | | |
| | —т | Circle | | | | FLOW STE | REAM ATTR | IBUTES | Ī | | | |
| Plate Coefficient (F _b) (F _p) Mcfd | | Mete Prover Pa psi | r or ressure | Press Extension √P _m x H _m | Gravity Factor F | | Temperature Fa | | ation ctor | Metered Flow R (Mcfd) | GOR (Cubic Fe Barrel) | Flowing Fluid Gravity G _m |
| | | | | | (ODEN EL | DV0 (DEL 0) | CDADU ITV | | ATIONS | | | |
| (P _c)² = | | • | (P _w)² =_ | : | P _d = | | 'ERABILITY % (! |) CALCUL ² c - 14.4) + | | : | (P _a)* (P _a)* | ! = 0.207 ! = |
| (P _e) ² - (P _e) ² or (P _e) ² - (P _e) ² | | (P _v) ² - (P _w) ² | | 1. P. 2 - P. 2 2. P. 2 - P. 2 dided by: P. 2 - P. 2 | LOG of formula 1. or 2. | | Backpressure Curve Slope = "n" | | · 1 · · · · · · · · · · · · · · · · · · | | Antilog | Open Flow Deliverability Equals R x Antilog Mcfd |
| | | - | | | | | | • | | | | |
| Open Flow Mcfd @ 14.6 | | | | 55 psia Deliverability | | | lity | Mcfd @ 14.65 psia | | | | |
| | _ | | - | ehalf of the Co | | tes that he is | s duly autho | rized to ma | ke the abo | ove report and | that he has know | ledge of the facts |
| | | · <u>···</u> | Witness (if a | ny) | | | | | wite | For G | ompany | |
| | | | For Commis | sion | | | N 10 20 |)13 | | Checi | ked by | |

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| exempers and the the bear tion ar | declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request of status under Rule K.A.R. 82-3-304 on behalf of the operator |
|-----------------------------------|---|
| | ell on the grounds that said well: |
| | 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: _ | 6-7-13 |
| | Signature: Bharlas Casey Coets 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.