KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | | | | (| See Instruc | tions on Re | verse Side | e) | | | |
|--|---------------------------------------|---|---|--|---|--------------------------|--|--------------------------------------|--|----------------|------------------------------|--|
| Open Flow Deliverabilty | | | | | Test Date: 2/26/14 | | | API No. 15 007-22,816-00-00 | | | | |
| Company Pollok E | | LLC | > | | | | Lease Benson | | | | 3-4 | Well Number |
| County Location Barber NWSENE | | | | Section 4 | | TWP 35S | | | W) | , | Acres Attributed | |
| Field Aetna Gas Area | | | | Reservoi Miss | • | | Gas Gathering Conne Atlas | | ction | | | |
| Completion Date 6/15/04 | | | | Plug Bac | k Total Dep | th | Packer Set at none | | | | | |
| Casing Size Weight 4.5 | | | | Internal [| Diameter | | Set at 5009 | | rations | То | <u> </u> | |
| Tubing Size Weight 2.375 | | | | İ | Internal [| Diameter | Set a | Set at | | rations | То | |
| Type Con single | npletion | (De | scribe) | | Type Flui SW | Type Fluid Production | | | Pump Unit or Traveling Plunger? Yes / No Yes - Traveling Plunger | | | |
| | Thru (| Ann | ulus / Tubing |) | % C | % Carbon Dioxide | | | % Nitrog 2.123 | en | Gas Gravity - G _g | |
| Vertical D | epth(H) | | | · · · · · · · · · · · · · · · · · · · | | Pressure Taps | | | | | | Run) (Prover) Size |
| Pressure | Buildup | : : S | Shut in | | 20 at | | (AM) (PM) | Taken | | 20 _ | at | (AM) (PM) |
| Well on Line: | | | Started2 | | | | | | | | | |
| | | | | | | OBSERVE | ED SURFACI | E DATA | | | Ouration of Shut-i | inHours |
| Static / Orifice Dynamic Size Property (inches) | | | Circle one: Meter Prover Pressul | 1 | Flowing Temperature t | Well Head Temperature | Casing Wellhead Pressure (P_w) or (P_t) or (P_c) | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | · · · · · · | | psig (Pm) | Inches H ₂ 0 | | | psig | psia | psig | psia | | |
| Flow | · · · · · · · · · · · · · · · · · · · | | , | | | | | | | | | |
| | | | | | | FLOW ST | REAM ATTR | IBUTES | | | | |
| Plate Coefficeient (F _b) (F _p) Mcfd | | | Circle one: Meter or ver Pressure psia | Press Extension P _m xh | Grav Fac F _s | tor | Temperature | | eviation Metered Flow Factor R (Mcfd) | | GOR (Cubic Fee Barrel) | Flowing Fluid Gravity G _m |
| | | | | | | - | | | | | | |
| (P _c) ² = | | | (P _w) ² =_ | : | (OPEN FL | | /ERABILITY) % (F |) CALCUL ² c - 14.4) + | | • | $(P_a)^2$ $(P_d)^2$ | ² = 0.207 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 | P.2 - P.2 | Backpressure Curve | | n x LOG | | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | | | | | | | | - | | | |
| | | | | | | | | ··· | | | | |
| Open Flor | | | authority | Mcfd @ 14. | | totoo that t | Deliverab | - | o males st | | cfd @ 14.65 psi | |
| | Ů | | • | behalf of the | | | 200 | ithorized t 3th | 1 | e above report | and that he ha | s knowledge of, 20 |
| | | | | , | | | · | | Hu, | Mlle | | KCC WI |
| | | | Witness (if | any) | | | | | Com | For Cor | | |
| | | | For Commis | ssion | | | _ | | | Checke | ed by | MAR 0 6 |
| | | | | | | | | | | | | RECEI |

| exempt status under Rule K.A.R. 82 and that the foregoing pressure inf correct to the best of my knowledge of equipment installation and/or upo | ury under the laws of the state of Kansas that I am authorized to request -3-304 on behalf of the operator Pollok Energy, LLC formation and statements contained on this application form are true and and belief based upon available production summaries and lease records in type of completion or upon use being made of the gas well herein named. Semption from open flow testing for the Benson 3-4 ell: |
|--|--|
| is a source of na is on vacuum at is not capable of | hane producer nger lift due to water Itural gas for injection into an oil reservoir undergoing ER the present time; KCC approval Docket No f producing at a daily rate in excess of 250 mcf/D best of my ability any and all supporting documents deemed by Commission his claim for exemption from testing. |
| Date: 2/26/14 10 2013 SIP'S SUBMITTED - WELL TAS PLUNGER LIFT | Signature: May Seth Brook Title: MANAGER |
| AS PLUNCER LIFT | e eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may ed above in order to claim exempt status for the gas well. |

fent calendar year, wellhead shut-in pressure shall have been measured after a

uildup time and shall be reported on the front side of this form under OBSERVED

SURFACE DATA. Shurin pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be KCC WICHITA signed and dated on the front side as though it was a verified report of annual test results.

MAR 0 6 2014

Meter Analysis

January, 2014

| Meter: 95242069 Name: Benson 3-4 | |
|----------------------------------|--|
|----------------------------------|--|

| | Mol % | Liquid Content | | |
|------------------|--------|----------------|----------------------|---------|
| Carbon Dioxide | 0.058 | 0.0098 | Pressure Base | 14.730 |
| Nitrogen | 2.123 | 0.2335 | Temperature Base | 60.00 |
| Methane | 88.345 | 14.9733 | | |
| Ethane | 5.510 | 1.4733 | | |
| Propane | 2.268 | 0.6247 | Relative Density | 0.6449 |
| Iso-Butane | 0.246 | 0.0806 | Dry Heating Value | 1118.46 |
| N-Butane | 0.678 | 0.2138 | As Del Heating Value | 1115.27 |
| Iso-Pentane | 0.155 | 0.0565 | Sat Heating Value | 1098.99 |
| N-Pentane | 0.219 | 0.0794 | | |
| Hexane | 0.397 | 0.1733 | | |
| Heptane | | | C2+ Liquid Content | 2.7017 |
| Octane | | | C5+ Liquid Content | 0.3092 |
| Nonane | | • | C6+ Liquid Content | 0.1733 |
| Decane | | | 26# Gasoline | 0.4886 |
| Oxygen | | | H2S ppm | 0.0 |
| Hydrogen | | • | | |
| Helium | | | | |
| Argon | | | | ` |
| Water Vapor | | | | |
| Hydrogen Sulfide | | | | |

Total: 100.000 17.9183

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