KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | i: | | | | | (| See Instru | ctions on Re | everse Sid | θ) | | | | |
|--|-------------|-------|---|-------------------|---|---|---|--------------------|---|--|---------------------------------------|-----------------------------|---|--|
| Open Flow | | | | | | Test Date: API No. 15 | | | | | | | | |
| De | liverab | ilty | | | | rost Date | . | | | | -007-20272 | 20000-1 |) | |
| Company Lotus Operating Company, LLC | | | | | | | Lease Platt | | | | | 1 | Well Number | |
| | | | Locat C SE | | | Section 1 | | | TWP 35S | | E/W) | Acres Attributed 10 | | |
| Field Hardtner | | | | | Reservoir Mississippi | | | Gas Ga | thering Conn | ection | | | | |
| Completion Date 1/22/1975 | | | | Plug Bac 4882 | k Total De | pth | | Packer none | Set at | | | | | |
| Casing Size W | | | Weigh 9.5# | nt | • | | Internal Diameter 4.09 | | Set at 4890 | | orations 03 | то 4840 | | |
| Tubing Size 2 3/8" | | | Weigh | Weight 4.7# | | | Internal Diameter 1.995 | | Set at 4869 | | orations | То | | |
| Type Completion (Describe) Acid & Frac | | | | | Type Flui | Type Fluid Production oil & water | | | Pump Unit or Traveling Plunger? Yes / No YeS | | | | | |
| Producing Thru (Annulus / Tubing) Annulus | | | | | | % Carbon Dioxide | | | · | | | ravity - G | | |
| Vertical D | | 1) | | | | | Pressure Taps | | | | | | Run) (Prover) Size | |
| Pressure | Buildu | p: | 9/1 | 3 | 2 | 0_10_at_4 | :00 pm | (AM) (PM) | Taken_9 | /14 | 20 | 10 at 4:00 p | om (AM) (PM) | |
| Well on L | | | | | 2 | 0 at | | _ (AM) (PM) | Taken | · · · | 20 | at | (AM) (PM) | |
| | | | | | | | OBSERV | ED SURFAC | E DATA | | | Duration of Shut | l-in Hours | |
| Static / Orifice Dynamic Size Property (inches) | | е | Circle one: Meter Prover Pressure psig (Pm) | | Pressure Differential in Inches H ₂ 0 | Flowing Temperature t | Well Head Temperatur t | Wellhead Pres | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Duration (Hours) | Liquid Produced (Barrels) | |
| Shut-In | | | poig (, iii) | 1 | 1101103 1120 | | | psig 54 | 68.4 | psig | psia | | | |
| Flow | | | | | | | | | | | | | | |
| | r | | | 1 | | | FLOW ST | REAM ATT | RIBUTES | | · · · · · · · · · · · · · · · · · · · | | | |
| Plate Coefficcient (F _b) (F _p) Mcfd | | Pro | Circle one: Meter of Prover Pressure psia | | Press Extension P _m xh | Gravity Factor F _g | | Temperature Fa | | viation Metered Flow actor R F _{pv} (Mcfd) | | W GOR (Cubic F Barrel | eet/ Fluid Gravity | |
| | Į | | | | | | | | | | | | | |
| P _c) ² = | | _: | (P _w) ² = | <u></u> | : | (OPEN FL | | VERABILITY .% (| /) CALCU P _a - 14.4) - | | : | |) ² = 0.207) ² = | |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | | (F | (P _e) ² - (P _w) ² | | is a formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ and by: $P_c^2 - P_a^2$ | LOG of formula 1, or 2, and divide | LOG of formula 1. or 2. and divide p 2. p 2 | | Backpressure Curve Slope = "n" or Assigned Standard Slope | | roe | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | |
| | | | | | - | | | | ······································ | | | | | |
| Open Flow | | | | Mcfd @ 14.65 psia | | | | Deliverability | | | Mcfd @ 14.65 psia | | | |
| | | • | • | | | | | • | | | | , | as knowledge of | |
| ne facts s | tated ti | herei | n, and that s | aid r | report is true | and correc | t. Execute | d this the | _ <i>ro</i> | day of _ | LVN | m <i>ber</i> Z | JAN 03 2 | |
| | | | Witness (| il any | r) | | | , | | يحملا | For | Company | , -, ., | |
| | | - | For Comn | nissio | n | | | | | | Chec | cked by | KCC WICH | |

| I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the or and that the foregoing pressure information and statement correct to the best of my knowledge and belief based upon a of equipment installation and/or upon type of completion or under the laws of the | berator Lotus Operating Company, LLC s contained on this application form are true and vailable production summaries and lease records pon use being made of the gas well herein named. |
|---|---|
| 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 int is on vacuum at the present time; KCC ap | <u> </u> |
| is not capable of producing at a daily rate. I further agree to supply to the best of my ability any an staff as necessary to corroborate this claim for exemption for | d all supporting documents deemed by Commission |
| Date: 11/18/2010 Signature: | aging Member |

Instructions:

If a gas well meets one of 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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been 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 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 signed and dated on the front side as though it was a verified report of annual test results.