KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | | | 0112 | | (| See Instruc | tions on Reve | erse Side, |) | ., o (Bizi) | | |
|--|--------------------------|--------|--|--|------------------------------------|---|---|--|----------------------|--|----------------------------|--|
| = | en Flov liverabi | | | | Test Date 09/30/20 | | | | API | No. 15 | 5 20,450-€ | 9000 |
| Company LOBO PRODUCTION, INC. | | | | - | Lease | | | TRONG | | | Well Number 3-6 | |
| County Location SHERMAN NE SE NE | | | Section 6 | | | | RNG (E/W) 39W | | | Acres Attributed | | |
| Field GOODLAND GAS FIELD | | | | Reservoir NIOBRARA | | | Gas Gathering Cor LOBO PRODU | | | | | |
| Completion Date 8/26/06 | | | Plug Back Total Depth 1149' | | th | Packer Set at | | | | | | |
| Casing Size 4.5 | | | Weight 11.6# | | Internal Diameter 6 1/4" | | Set at 1151' | | Perforations 994' | | To 1031' | |
| Tubing Size | | Weight | | Internal Diameter | | Set at | | Perforations | | То | | |
| Type Con SINGLE | | | escribe) | | Type Flui | d Production | n | | Pump Ui | nit or Traveling NO | Plunger? Yes | / No |
| Producing Thru (Annulus / Tubing) CASING | | |) | % Carbon Dioxide | | | % Nitrogen | | | Gas Gravity - G _g .5877 | | |
| Vertical D | |) | | | | Pres | sure Taps | | | | | Run) (Prover) Size ETER RUN |
| Pressure | Buildu | p: 4 | Shut in 09/3 | 30 2 | 14 at 0 | 635 | (AM) (PM) | aken_10 | /01 | 20 | 14 at 0645 | (AM) (PM) |
| Well on L | ine: | ; | Started | 2 | 0 at | | (AM) (PM) 7 | raken | | 20 | at | (AM) (PM) |
| | | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shu | 1-in 24.17 Hours |
| Static / Dynamic Property | Orific Size (inche | 9 | Circle one: Meter Prover Pressur psig (Pm) | Pressure Differential in Inches H ₂ 0 | Flowing Temperature t | Well Head Temperature t | Casin Wellhead P (P _w) or (P ₁) | ressure | Wellhe | Tubing ead Pressure or (P ₁) or (P ₀) psia | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | | | | | | | 21 | | | | | |
| Flow | | | | <u> </u> | | | | | | | | |
| | | | _ | <u></u> | | FLOW STE | REAM ATTRIE | UTES | | | | |
| Plate Coeffiec (F _b) (F Mcfd | ient p) | | Circle one: Meter of iver Pressure psia | Press Extension | Grav Fac F _e | tor | Flowing Temperature Factor F _{rt} | Fac | ation ctor | Metered Flov R (Mcfd) | w GOR (Cubic F Barre | eet/ Fluid |
| | | | <u>`</u> . | · · | - | | | | | | | |
| | | | | | (OPEN FL | OW) (DELIV | ERABILITY) | CALCUL | ATIONS | | (P | $()^2 = 0.207$ |
| (P _c) ² = | | _: | (P _w) ² =_ | : | $P_d =$ | | %(P _o | - 14.4) + | 14.4 = | : | |) ² = |
| (P _c) ² - (I or (P _c) ² - (I | | (P | P _c) ² - (P _w) ² | Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Hivided by: $P_c^2 - P_d^2$ | LOG of formula 1. or 2. and divide | P _c ² - P _w ² | Stope | sure Curve = "n" or gned d Slope | n x | rog | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | | | | | | | | | | | |
| Open Flo | w | _ | | Mcfd @ 14. | .65 psia | _ | Deliverabili | itv | | | Mcfd @ 14.65 ps | sia. |
| | | gned | authority, on | | | states that h | | | o make ti | | _ | as knowledge of |
| | | _ | - | id report is true | e and correc | t. Executed | this the 1st | | day of 1 | lovember | | , 20 <u>14</u> |
| | | | | | | MANSAS CORP | ORATION COMM | ssion | chau | A A | Mil | |
| | | | Witness (if | any) | | MOV | 17 2014 | | | For | Сотралу | |

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|---------------|--|
| | re under penalty of perjury under the laws of the state of Kansas that I am authorized to request |
| exempt stat | tus under Rule K.A.R. 82-3-304 on behalf of the operator LOBO PRODUCTION, INC. |
| and that th | e foregoing pressure information and statements contained on this application form are true and |
| correct to th | ne best of my knowledge and belief based upon available production summaries and lease records |
| | nt installation and/or upon type of completion or upon use being made of the gas well herein named. |
| l hereb | y request a one-year exemption from open flow testing for the ARMSTRONG 3-6 |
| 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 not capable of producing at a daily rate in excess of 250 mcf/D |
| | |
| I furthe | r agree to supply to the best of my ability any and all supporting documents deemed by Commissio |
| staff as ned | cessary to corroborate this claim for exemption from testing. |
| | |
| Date: 11/0 | 1/2014 |
| | |
| | |
| | |
| | |
| | Signature: Rubard A. Mille |
| | Signature: |

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.