KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | it: | | | | | | (See Instru | ictions on F | leverse Slo | le) | | | | | | |
|---|------------|---|---|--|--------------------------------|---|-------------------|--|--------------------------------------|--|--|-------------------|--|---|---|--|
| Open Flow | | | | | | Tool Dat | Test Date: | | | | 1 N= 45 | | | | | |
| I Datha a lalla. | | | | | | Dec 23 | | | API No. 15 15-191-22245-00-00 | | | | | | | |
| Company Sandridge Expl & Prod LLC | | | | | | | , | Lease Suber | а | | | | 1 | Well N | ımber | |
| County Location Sumner SESE | | | | | | Section 6 | | TWP 35 | | | RNG (E/W) 3W | | | Acres Attributed 160 | | |
| Field Re | | | | | | Reservoi Mississ | | | == | Gas Gathering Connection Atlas | | | | | | |
| Completion Date P | | | | | | k Total De | plh | | Packer Set at | | | | _ | | | |
| Casing Size Weight 5.5" 17# | | | | Internal | Diameter | | | | | | | то 4818' | | | | |
| Tubing Size Weigh 2.875" 6.5# | | | | | Internal Diameter | | | Set 480 | at | Perforations | | | То | | | |
| Type Completion (Describe) Ty | | | | | Type Fb | ld Producti | | | Pump U Ves | nit or Travelir | ng Plunger | ? Yes | / No | | | |
| Producing Thru (Annulus / Tubing) | | | | | | Carbon Dio | xide | | % Nitrogen | | | Gas Gravity - G | | | | |
| Annulus Vertical Depth(H) | | | | | | Pressure Taps | | | | | | 0.740 (Meter F | | rover) Size | | |
| | D. 41-4 | | o 12 | /23 | | . 15 . 9. | AM | /AND /DI/ | 1: | 2/24 | | 15 | 9AM | | | |
| Pressure Well on L | | | | | | | | | | | <u>2/24 </u> | | | | | |
| | | | | | | | OBSERV | ED SURFAC | E DATA | | | Duration | of Shut-i | in . | Hours | |
| Static / Dynamic Property | namic Size | | Circle one: Meter Prover Pressure | | Pressure Differential in | Flowing Well Head Temperature | | Casing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$ | | Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) | | Dura | Duration (Hours) | | Liquid Produced (Barrels) | |
| Shu1-In | | | 7 psig (Pm) | | Inches H ₂ 0 | - | | psig 90 | psla 104.7 | psig | psia | 1 | <u> </u> | | | |
| Flow | | | | _ | | | | | , | | | | | | | |
| | | | | | | | FLOW ST | REAM ATT | RIBUTES | | | | | | | |
| Plate Coefficient (F _b) (F _p) Mold | | Circle one: Meter or Prover Pressure psia | | Press Extension ✓ P _m x h | | Gravity Factor F _g | | Flowing Temperature Factor F _{tt} | Fa | fation ictor pv | Métered Flo R (Mofd) | I . | GOR (Cubic Fee Barrel) | | Flowing Fluid Gravity G _m | |
| | | | | | | | | | | | | | | | | |
| (P _e)² = | | _: | (P _w)² = | = | : | (OPEN FLO | | /ERABILITY % (i | ') CALCUL ² 。- 14.4) + | | : | | (P _a)² (P _d)² | = 0.20 = | 07 | |
| $(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$ | | (P _c) ² - (P _w) ² | | Choose formula 1 or 2: 1. P _o ² -P _o ² 2. P _o ² -P _d ² divided by: P _o ² -P _w ² | | LOG ct formula 1. or 2 and divide by: | P.2. P.2 | Backpressuro Cu Slope = "n" | | | .og | Antik | | Open Flow Deliverability Equals R x Antilog (Mcfd) | | |
| Open Flow | , | | | M | lcfd @ 14.6 | 5 psia | | Deliverab | llity | | | Mcfd @ 14 | 4.65 psia | | | |
| The u | ndersl | gned | authority, o | n beh | nalf of the (| Company, st | ates that h | ie is duly at | | | a above repo | ort and tha | t he has | | - | |
| he facts sta | ated th | erein | , and that s | aid re | port is true | and correct. | . Executed | this the 2 | 3 | day of <u>Ja</u> | n / | | 1 | , 2 | <u> 16</u> . | |
| | | | Witness (| if any) | | H | (CC V | VICHE | FA. | <u> </u> | For | Сотралу | | | | |
| | | - | For Comm | nlasion | | | FEB 0 | 3 2016 | | <u> </u> | Che | cked by | · | | | |

RECEIVED

| I declare under penalty of 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 Sandridge Expl & Prod LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Subera 1 gas well 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 not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. |
| 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.