KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: en Flo | w | | | (| See Instruct | tions on Reve | erse Side |) | | | | |
|---|-----------------------|-------|--|--|---|---|--|---------------------|---|--|-----------------------|---|-----------------|
| ` | liverat | | | | Test Date 10/20/20 | | | | | No. 15 077-21573-0 | 000 | | |
| Company Atlas Op | | ıg Ll | _C | | | | Lease Marvel | | | | 2 | Well Number | |
| | | | Locat SW-SV | | Section 1 | | | TWP 31S | | /W) | Acres Attributed | | led |
| Field Spivey- | Grabs | -Bas | sil | | Reservoir Mississi | | | | | thering Conn Vitchita Gas | ection | | |
| Completion 09/10/20 | | е | | | Plug Bac 4952 | k Total Dept | th | | Packer \$ | Set at | | | |
| Casing S | iize | | Weigh 23 | WeightInternal DiameterSet at PerforationsTo 4410236.366497044034410 | | | | | | | | | |
| Tubing Si | ize | | Weigh 4.7 | nt | Internal D | Diameter | Set at 4488 | | Perfo | rations | То | | |
| Type Con | | | | | Type Flui | d Production | า | | Pump U | nit or Traveling | Plunger? Yes | / No | |
| | g Thru | | nulus / Tubin | g) | | arbon Dioxi | | | % Nitrog | jen | Gas Gr .758 | avity - G _g | |
| Vertical D | | 1) | | | .,,,, | Pres | sure Taps | | | | | Run) (Prover) | Size |
| Pressure | Buildu | p: · | Shut in 10/ | 20 2 | 0_14_at_4 | :30 | (AM) (PM))1 | aken 10 | /21 | 20 | 14 _{at} 4:30 | (AM) (F | (M° |
| Well on L | ine: | | Started | 2 | 0 at | | (AM) (PM) 1 | aken | | 20 | at | (AM) (F | ³M) |
| | | | | | | OBSERVE | D SURFACE | DATA | | _ | Duration of Shut- | in_24 | Hours |
| Static / Dynamic Property | Orifi Siz (inch | е | Circle one: Meter Prover Pressi psig (Pm) | Pressure Differential in inches H ₂ 0 | Flowing Temperature t | Well Head Temperature t | perature (P_w) or (P_l) or (P_c) (P_w) or (P_l) or (P_c) | | ead Pressure r (P ₁) or (P _c) | Ouration Liquid Produced (Hours) (Barrels) | | | |
| Shut-In | | | paig (i iii) | inches H ₂ 0 | | | 180 | psia | psig 75 | psia | | | |
| Flow | | | · | | | | | | | | | | |
| r | 1 | | | | | FLOW STR | EAM ATTRIE | UTES | | | | | |
| Plate Coeffied (F _b) (F Mcfd | ient ,) | Pro | Circle one: Meter or over Pressure psia | Press Extension P _m xh | Grav Fact F _c | tor | Flowing Femperature Factor F _{rt} | Fa | Peviation Metered Flow GOR Factor R (Cubic Feet/ F _{pv} (Mcfd) Barrel) | | et/ Flow Gra G | uid wity | |
| | j | | | | | | _ | | | · | | | |
| (P _c) ² = | | _: | (P _w)² = | :: | P₁≃ | | ERABILITY) % (P _e | CALCUL - 14.4) + | | : | (P _a) | 2 = 0.207 2 = | _ |
| | | | P _c) ² - (P _w) ² | Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ² | LOG of formula 1. or 2. and divide | P _c ² + P _w ² | | = "n" -r gned | , , | rog | Antilog | Open Flo Deliverabil Equals R x A (Mcfd) | lity Intilog |
| | | | | | | | | | | | | | |
| Open Flo | w | | | Mcfd @ 14. | 65 psia | | Deliverabil | tv | _l | _ | Mcfd @ 14.65 psi | a. | |
| | | igned | d authority, o | | • | states that h | | | make t | | rt and that he ha | | of |
| the facts s | tated t | herei | n, and that s | aid report is true | | Rece | this the 7th | | day of <u>J</u> | anuary | | , 20 | <u></u> - |
| | | | Witness (| if any) | | JAN 1 | 2 2015 | | | For | Company | | |
| | | | For Comm | nission | C | CONSERVATION WICHT | — NOISIVID NC | | | Che | cked by | | |

| exempt status under Rule K.A.R. 82-3-30 and that the foregoing pressure information correct to the best of my knowledge and of equipment installation and/or upon type. I hereby request a one-year exemption | under the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator Atlas Operating LLC ation and statements contained on this application form are true and I belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named. Sion from open flow testing for the Marvel #2 |
|--|--|
| gas well on the grounds that said well: | |
| is on vacuum at the p | |
| I further agree to supply to the best staff as necessary to corroborate this cl | of my ability any and all supporting documents deemed by Commission |
| · | ' |
| Date: 01/07/2015 | |
| Received KANSAS CORPORATION COMMISSION JAN 12 2015 | Signature:Regulatory Coordinator |
| CONSERVATION DIVISION WICHITA, KS | |

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.