KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: | | | (| See Instruct | ions on Reve | rse Side |) | | | | | |
|--|-----------------------------|--|---|--|----------------|--|---------------------------------------|--|-----------------------------|---------------------|--|---|--|
| 1 1 | en Flow liverabilty | | | Test Date 12/14/20 | | | | | No. 15 -20317 = (| <i>0</i> 00 | Ω | | |
| Company Red Hills Resources, Inc. | | | | - - | | Lease Burns | | | | 1 | | Well Number | |
| County Clark | | Locati 1250'FS | on SL 2600FWL | Section 21 | | TWP 34S | ·· · · · · | RNG (E/ 25W | W) | | | Acres Attributed 480 | |
| Field McKinney | | | Reservoir Morrow | | | | Gas Gathering Cont D C P Midstream | | ection | | | | |
| Completion Date 11/28/1979 | | | Plug Bac 5810 | k Total Dept | h | | Packer S None | et at | | | | | |
| Casing Size Weight 4.5" 10.5# | | | Internal Diameter 4.05" | | Set at 5808 | | Perforations 5684-5688 | | | To | | | |
| Tubing Size Weight 2 3/8" 4.7# | | t | Internal Diameter 1.995" | | Set at 5685 | | Perforations | | | То | | | |
| Type Con Acid Fra | | Describe) | | | d Production | | | Pump Un Plunge | it or Traveling er Lift | Plunger | ? Yes | / No | |
| Producing | g Thru (A | nnulus / Tubing |)) | | Carbon Dioxi | de | | % Nitrog | | | Gas Gra | avity - G _g | |
| Vertical D | epth(H) | | | | Pres | sure Taps | | | | | (Meter F | Run) (Prover) Size | |
| Pressure | Buildup: | Shut in 12/ | 14 ₂ | 0 10 _{at} 9 | :45 am | (AM) (PM) T | aken 12 | 2/15 | 20 | 10 _{at} | 10:45 a | am (AM) (PM) | |
| Well on L | ine: | Started | 2 | 0 at | | (AM) (PM) T | | | 20 | at | | (AM) (PM) | |
| | | , | - | | OBSERVE | D SURFACE | DATA | | | Duration | of Shut-i | n Hours | |
| Static / Dynamic Property | Orifice Size (inches) | Gricle one Meter Prover Pressu psig (Pm) | Pressure Differential in Inches H ₂ 0 | Flowing Temperature 1 | Well Head | Casing Wellhead Pressure (P _w) or (P _I) or (P _a) | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) | | Duration (Hours) | | Liquid Produced (Barrels) | |
| Shul-In | | parg (t iii) | miches H ₂ 0 | | | psig 83 | psia | psig psia | | | | | |
| Flow | | | | | | | | | | | | | |
| | | - · · · · · · · · · · · · · · · · · · · | | | FLOW STR | EAM ATTRIE | UTES | | | | | | |
| Plate Coeffiec (F _b) (F Mcfd | ient | Circle one: Meter of rover Pressure psia | Press Extension | Grav Faci F _c | tor T | Flowing emperature Factor F ₁₁ | Fa | iation ctor | Metered Flow R (Mcfd) | - | GOR (Cubic Fee Barrel) | Flowing Fluid Gravity G _n | |
| | | | | (OPEN FL | OW) (DELIV | ERABILITY) | CALCUL | ATIONS | | | (5.17) | | |
| (P _c) ² = | ; | (P _*) ² = | ; | P _d = | | • | - 14.4) + | | : | | (원교) ² (원급) ² | = 0.207 = | |
| (P _r) ² - (P _g) ² or (P _r) ² - (P _d) 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.2-P.2 | Backpressure Curve Slope = "n" or Assigned Standard Slope | | n x LOG | | Antilog | | Open Flow Deliverability Equals R x Antitog (Mcfd) | |
| | | | | | | - | | | | | | | |
| Open Flor | w | | Mcfd @ 14. | 65 psia | | | ly | 1 | | Mcfd @ | 14.65 psia | 1 | |
| The (| undersigne | ed authority, or | behalf of the | Company, s | states that he | e is duly auth | orized to | make th | e above repo | rt and th | at he has | s knowledge of | |

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 23rd day of December .20

Witness (if any)

For Commission

KCC WICHITA

| | clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Red Hills Resources, Inc. |
|-----------------------|--|
| correct t of equip | the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. |
| | reby request a one-year exemption from open flow testing for the Burns 1 on the grounds that said well: |
| staff as i | 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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing. |
| | Signature: Wallace HMX nney Title: Vice-President |

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.

RECEIVED

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