Form G-2 (Rev. 7701

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Tes | t: | | | | 0 | See Instruc | tions on Rev | erse Side |) | | | |
|---|-----------------------|----------------|---|---|------------------------------------|-------------------------------|---|---|------------------------------------|--|--|---|
| or | en Flo | w | | | * | | | | ADI | No. 45 | | |
| De | liverab | ilty | | 1- | Test Date |); | | [5 | 5-07 | No. 15 1-20225-0 0 |)-00 | |
| Company Horseshoe Operating, Inc. | | | | | <u> </u> | Lease Baughman "W | | | | | 1 | Well Number |
| County | | | Locatio C NE/4 | n | Section 31 | | TWP 19S | | RNG (E. | (W) | | Acres Attributed |
| Field Bradsh | <u>-</u> | | | | Reservoir | | | | Gas Gat | henng Conne | ection n ^{ort to prode (s.)} | |
| Completion 5/6/81 | on Dat | e | | | Plug Bac 2899 | k Total Dep | th . | | Packer 8 | | ** *** | , |
| Casing S 4.5 | ize | | Welght 9,5 | | Internal C | Diameter | Set a 2919 | | | rations | 2824 | |
| Tubing Size 2.375 | | | Weight | | Internal Diameter 2.000 | | Set at 2845 | | Perforations | | To | |
| Type Con Single | | n (De | escribe) | | | d Productio | n | | Pump U | nit or Traveling | Plunger? Yes | / No |
| | | (Ала | rulus / Tubing) | | % C | arbon Diox | lde | | % Nitrog | en | Gas Gr | avity - G _u |
| Vertical C | Depth(H | () | | | | Pres | sure Taps | | | | (Meter I | Run) (Prover) Size |
| Pressure | Buildu | p: | Shut in | 1-5 2 | 0 / | 8:00 | ((AM)(PM) | Taken | /- | 6 20 | 11 at 8:0 | DO (AM)(PM) |
| Well on L | | | | | | | | | | | at | _ |
| | , | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shut- | in 34 Hours |
| Static / Dynamic Property | Orifi Siz (Inch | | Girde ens: Mater Prover Pressure psig (Pm) | Pressure Differential in Inches H _o 0 | Flowing Temperature t | Well Head Temperature t | (P _w) or (P _t | Pressure) or (P _s) | Wellhe | Tubing and Pressure r (P _I) or (P _E) | Duration (Hours) | Liquid Produced (Barrels) |
| Shut-In | .60 | 75 | paig (1 m) | IIIIII.S TI _Q D | | | psig | 73 | psig | psla | 24 | |
| Flow | | | | | | | | | | | | |
| | 1 | | | | - | FLOW STE | REAM ATTRI | BUTES | | | | |
| Plate Coeffiec (F _b) (F Mcfd | lent (a) | Pro | Meter or wer Pressure psla | Press Extension P _m ×h | Grav Fact F _c | or | Flowing Temperature Factor F _{ft} | Fe | riation scior p _v | Metered Flow R (Mcfd) | (Cubic Fe | 1 Gravity I |
| | | | | | | | | | | | | <u>i</u> |
| (P _c) ² = | | : | (P _w) ² =_ | : | (OPEN FLO | • • | /ERABILITY) % (P | CALCUL 2 - 14.4) + | | : | (P _a) | ² = 0.207 ² = |
| (P _e) ² - (I | P_)2 P_)2 | (F |)2- (P_)2 | hoose formula 1 or 2 1. Pe Pe 2. Pe Pe wided by: Pe Pe | LOG of formula 1. or 2. and divide | P.2-P.2 | Backpres Slop Ass | ssura Curve e = "n" or signed ard Slope | , , | rog | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) |
| | | | | | - | | | | | | | · · |
| Open Flo | w | | | Mcfd @ 14. | 65 psia | | Deliverab | ility | | | Mcfd @ 14.65 ps | ia |
| The | unders | _ | d authority, on | behalf of the | Сотрапу, в | | ne is duly au | | day of _ | ne above repo | ort and that he ha | as knowledge of |
| | | | Witness (if a | iny) | · | | - | _Je | inic | U FU | Company R | ECEIVED |
| | | | For Commis | sion | | | - | | | Che | cked by | AY 1 2 2011 |

| | ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. |
|--|---|
| and that the fore correct to the bes of equipment inst | going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Baughman "W" |
| | rounds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing. |
| Date: <u>5/9</u> / | <u>'11</u> |
| | Signature: <u>Janice Ripley</u> Title: <u>Production Assistant</u> |

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.