KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

| Type Test | t: | | | | (| See Instruct | tions on Rev | erse Side |) | | | | | |
|--|------------------------|--|--|--|------------------------------------|---|--|--|--|-----------------------------|--|---|---|--|
| Open Flow Deliverability | | | | | | Test Date: API No. 15 15-023-21224-00-00 | | | | | | | | |
| Company FOUNDATION ENERGY MANAGEMENT, LLC | | | | | LLC | Lease LC WIESE | | | | | 13-5 | Well Number 13-5 | | |
| County Location CHEYENNE NE-SE-NW | | | | Section V-SW 5 | | TWP 4S | | RNG (E/W) 41W | | Acres Attributed | | | | |
| | | | | | Reservoir NIOBRARA | | | Gas Gathering Connection SOUTHERN STAR/KINDER MORGAN | | | | | | |
| Completion Date 9/17/2010 | | | | Plug Bac 1588' | Plug Back Total Depth 1588' | | | Packer Set at | | | | | | |
| Casing Size 7", 41/2" | | | Weigh 23#, | 11.6# | Internal Diameter 9-7/8", 61/4" | | Set at 221', 1632' | | Perforations 1414' | | To 1462 | | | |
| Tubing Size 2-3/8" | | | Weigh 4.7# | nt | Internal Diameter 1.995" | | Set at 1403' | | Perforations | | То | То | | |
| Type Completion (Describe) SINGLE (GAS) | | | | Type Fluid Production SALTWATER | | | | Pump Unit or Traveling Plunger? Yes / No YES | | | | | | |
| Producing | _ | (Anı | nulus / Tübin | g) | % C | arbon Dioxi | de | | % Nitrog | en | Gas Gr | avity - G | i _g | |
| Vertical E | | H) | | | | Pres | sure Taps | | | | (Meter I | Run) (Pr | over) Size | |
| Pressure | Buildu | ıp; | Shut in 3/1 | 0 2 | 0_14_at_3 | :30 PM | (AM) (PM) | Taken | | 20 | at | (| AM) (PM) | |
| Well on Line: Started 3/112 | | | | 14 at 3:30 PM (AM) (PM) Taken_ | | | Taken | | 20 at (AM) (PM | | | AM) (PM) | | |
| | | | | | | OBSERVE | D SURFACE | DATA | | | Duration of Shut- | _{in_} 24 | Hours | |
| Static / Dynamic Property | Dynamic Size | | Circle one: Meter Prover Pressi psig (Pm) | Pressure Differential ure in Inches H ₂ 0 | Flowing Temperature t | Well Head Temperature t | Wallhaad Praceura | | Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia | | | | l Produced Sarrels) | |
| Shut-In | | | 1 0 1. 7 | 2 | • | | pany | 91 | paig | psia | • | | | |
| Flow | | | | | | | | | | | | | _ | |
| _ | | | | | | FLOW STR | REAM ATTRI | BUTES | | | | | | |
| Plate Coefficcient (F _b) (F _p) Mcfd | | Circle one: Meter or Prover Pressure psia | | Press Grav Extension Fac √ P _m x h F | | tor Temperature | | Fa | iation ictor = pv | Metered Flow R (Mcfd) | (GOR (Cubic Fe Barrel) | | Flowing Fluid Gravity G _m | |
| | | | | | 42 | | | | | | | | | |
| (P _c) ² = | | <u>_:</u> _ | (P _w) ² = | :: | (UPEN FLO | | 'ERABILITY) % (P | - 14.4) + | | : | (P _a) (P _a) | 2 = 0.20 2 = | 07 | |
| (P _c) ² - (1 or (P _c) ² - (1 | · | (F | ° _c)²- (P _w)² | Choose formula 1 or 2 1. P _c ² - P _a ² 2. P _c ² - P _c ² divided by: P _c ² - P _w ² | LOG of formula 1, or 2, and divide | P.2-P.2 | Backpressure Curv Slope = "n" or Assigned Standard Slope | | n x i | .oa [] | Antilog | Open Flow Deliverability Equals R x Antilog (Mcfd) | | |
| | - " | | | | | | | | | | | | | |
| Open Flo | Flow Mcfd @ 14.65 psia | | | | Deliverability | | | | Mcfd @ 14.65 ps | | | | | |
| | | igned | d authority, o | | | states that h | | | o make th | e above repo | rt and that he ha | s know | ledge of | |
| the facts s | tated t | herei | n, and that s | aid report is true | e and correc | | Red | eived | day of A | UGUST | | | <u>14</u> . | |
| | | | Witness (| if any) | | KAI | NSAS CORPOR - CED 1 | | _ | For C | ompany | | | |
| - | | | For Comp | nission | | | _ | J 3 201 | | Chec | ked by | | | |
| | | | | | | | CONSERVAT WICH | TON DIVISI ITALKS | ION | | - | | | |

| 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 Foundation Energy Management, 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 WIESE 13-5 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 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. |
| Date: 8/29/2014 Signature: OPERATIONS ASSISTANT |
| |

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 with the 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.