15-175-20146-0000

Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

SIP TEST

Type Test:
- [ ] Open Flow
- [ ] Deliverability

(See Instructions on Reverse Side)

Test Date: 10/28/11

API No. 15 – 175 - 20,146 -0000

Company: NOBLE ENERGY			Lease: HITTLE		Well Number: 1-27
County: SEWARD	Location: NE SW SW	Section: 27	TWP: 34S	RNG (E/W): 32W	Acres Attributed:
Field: LIBERAL LIGHT		Reservoir: CHESTER		Gas Gathering Connection: DCP	
Completion Date: 4-30-79		Plug Back Total Depth: 6301		Packer Set at: 6043	
Casing Size: 4.5	Weight: 10.5	Internal Diameter: 4.090	Set at: 6260	Perforations: 6098	To: 6169
Tubing Size: 2.375	Weight: 4.7	Internal Diameter: 1.995	Set at: 6043	Perforations:	To:
Type Completion (Describe): SINGLE GAS		Type Fluid Production: WATER		Pump Unit or Traveling Plunger? Yes / No: YES-PLUNGER	
Producing Thru (Annulus / Tubing): TUBING		% Carbon Dioxide:		% Nitrogen:	Gas Gravity - G_g: 0.644
Vertical Depth(H):		Pressure Taps: FLANGE			(Meter Run) (Prover) Size:

Pressure Buildup: Shut In 10/27/11 20 ___ at 0800 (AM) (PM) Taken 10/28/11 20 ___ at 0800 (AM) (PM)

Well on Line: Started _____ 20 ___ at _____ (AM) (PM) Taken _____ 20 ___ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 24.0 Hours

Static / Dynamic Property	Orifice Size (Inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In								450.5	464.9	24.0	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = _____ : $(P_w)^2$ = _____ : P_d = _____ % $(P_c - 14.4) + 14.4$ = _____ : $(P_a)^2$ = 0.207 $(P_d)^2$ = _____

$(P_a)^2 - (P_a)^2$ or $(P_d)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $\left[\frac{P_c^2 - P_w^2}{}\right]$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow _____ Mcfd @ 14.65 psia Deliverability _____ Mcfd @ 14.65 psia

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 28 day of OCTOBER, 20 11.

COPY TO KCC WICHITA
Witness (if any)

COPY TO KCC DODGE CITY
For Commission

PRECISION WIRELINE AND TESTING
For Company

MARK BROCK
Checked by

RECEIVED
JAN 11 2012
KCC WICHITA

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 NOBLE ENERGY 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 HITTLE 1-27 gas well on the grounds that said well:

(Check one)

- [ ] is a coalbed methane producer
- [x] 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: 12-15-11

Signature: [signature]

Title: Prod. Engr

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.