

KANSAS CORPORATION COMMISSION

ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
12-12-14

API No. 15
15-023-20-118 - 0000

Company One Source Financial Services, Inc		Lease Lloyd Farms		Well Number 1-32	
County Cheyenne	Location NW NW SE NW	Section 32	TWP 4S	RNG (E/W) 39W	Acres Attributed
Field Wheeler		Reservoir Niobrara	Gas Gathering Connection Priority Oil & Gas LLC		
Completion Date 2/18/1980		Plug Back Total Depth 1426	Packer Set at		
Casing Size 4.5	Weight 10.5	Internal Diameter 4.052	Set at 1385'	Perforations 1278'	To 1290'
Tubing Size 2 3/8"	Weight	Internal Diameter 2"	Set at	Perforations	To
Type Completion (Describe) Single (Gas)		Type Fluid Production Saltwater	Pump Unit or Traveling Plunger? <input checked="" type="radio"/> Yes / No Pump Unit		
Producing Thru (<u>Annulus</u> / Tubing)		% Carbon Dioxide .563	% Nitrogen 3.543	Gas Gravity - G _g .5905	
Annulus					
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size 2"	

Pressure Buildup: Shut in 12-11 20 14 at 12:46 (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)

Well on Line: Started 12-12 20 14 at 12:53 (AM) (PM) Taken _____ 20 _____ at _____ (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in **24:07** Hours

Static/ Dynamic Property	Orifice Size (Inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In											
Flow	.625					115	129.4				

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _s) (F _o) Mcf/d	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcf/d)	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 _c) ² - (P _a) ² or (P _c) 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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2}$	Backpressure Curve Slope = "n" ----- or----- Assigned Standard Slope	n x LOG $\left[\frac{P_c^2 - P_w^2}{P_c^2 - P_a^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog (Mcf/d)

Open Flow Mcf/d @ 14.65 psia Deliverability Mcf/d @ 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 22 day of Dec, 20 14.

Laura J. Lass
Witness (if any)

KANSAS CORPORATION COMMISSION

DEC 29 2014

Laura J. Lass
For Company
LA RANA RESOURCES
Checked by

For Commission

CONSERVATION DIVISION
WICHITA, KS

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 One Source Financial Services, Inc 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 Lloyd Farms 1-32 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: 12-22-14

Received
KANSAS CORPORATION COMMISSION

DEC 29 2014

CONSERVATION DIVISION
WICHITA, KS

Signature: _____

Title: MGR

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.