

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow
 Deliverability

Test Date:
10/11/2014

API No. 15
15-007-24203-00-00

Company Roberts Resources, Inc.		Lease Wheelock A		Well Number 2	
County Barber	Location NW SE SW	Section 34	TWP 31	RNG (E/W) 12W	Acres Attributed 320
Field Medicine River		Reservoir Mississippi		Gas Gathering Connection Oneok	
Completion Date 9/5/14		Plug Back Total Depth 4689		Packer Set at None	
Casing Size 5.5	Weight 15.5	Internal Diameter	Set at 4689	Perforations 4252	To 4320
Tubing Size 2.875	Weight 6.4	Internal Diameter	Set at	Perforations 4230	To
Type Completion (Describe) Single		Type Fluid Production Salt Water		Pump Unit or Traveling Plunger? Yes / No Pumping Unit	
Producing Thru (Annulus / Tubing) Annulus		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H) 4252		Pressure Taps		(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in 10/8 20 14 at (AM) (PM) Taken 10/11 20 14 at (AM) (PM)					
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)					

OBSERVED SURFACE DATA

Duration of Shut-in 72 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 _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						515.3				72	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (F _p) Mcfd	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 (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
						41		

(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 _w 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: $\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2}$	Backpressure Curve Slope = "n" ----- 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 12th day of December, 20 14.

KCC WICHITA

DEC 15 2014

Kenneth Roberts
For Company

Witness (if any)

For Commission

RECEIVED

Checked by

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 Roberts Resources 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 Wheelock A #2 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: 12/12/14

Signature: Kent Roberts

Title: 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.

ROBERTS RESOURCES, INC.

LEASE: Wheelock A-1 MONTH: September 2014 PURCHASER Oneok / NCRA															
DATE	GAS SALES AMOUNT	TANK		TANK		TANK		TOTAL BBL OIL	COUNTY	STATE	WELL REPORT				
		NUMBER	SIZE	NUMBER	SIZE	NUMBER	SIZE				WELL #	POUND YES/NO	HOURS ON	% WATER	STROKE LGT/SPM
			200		200		200								
BEG		1	0					DAILY	CUMULATIVE						
1	46	1	0	0.00	0.00			0.00	0.00						
2	45	1	0	0.00	0.00			0.00	0.00						
3	44	1	0	0.00	0.00			0.00	0.00						
4	44	1	0	0.00	0.00			0.00	0.00						
5	28	1	0	0.00	0.00			0.00	0.00						
6	95	1	0	0.00	0.00			0.00	0.00						
7	95	1	1	1.67	0.00			0.00	0.00						
8	73	1	1	0.00	0.00			0.00	0.00						
9	73	1	1	0.00	0.00			0.00	0.00						
10	57	1	1	0.00	0.00			0.00	0.00						
										RUNS & INVENTORY					
11	64	1	1	0.00	0.00			0.00	0.00					OIL 1ST OF MO. 20.04	
12	86	1	1	0.00	0.00			0.00	0.00					OIL PRODUCTION 0.00	
13	65	1	1	0.00	0.00			0.00	0.00					TOTAL BBL 20.04	
14	65	1	1	0.00	0.00			0.00	0.00					BBL IN STOCK EOM 20.04	
15	71	1	1	0.00	0.00			0.00	0.00					TOTAL 0.00	
16	04	1	2	1.67	0.00			0.00	0.00					OIL RUNS 0.00	
17	37	1	2	0.00	0.00			0.00	0.00					END GUAGE 0.00	
18	91	1	2	0.00	0.00			0.00	0.00					TOTAL GAS SALES 306.2	
19	63	1	2	0.00	0.00			0.00	0.00					REMARKS:	
20	58	1	2	0.00	0.00			0.00	0.00						
21	94			91.00	0.00			0.00	0.00					217 STATE TEST HOLE # 711 LGS	
22	1931			106.00	0.00			0.00	0.00					New Well # 22 pumping and online on 20th	
23	228			98.53	0.00			0.00	0.00						
24	209			84.33	0.00			0.00	0.00						
25	25			116.90	0.00			0.00	0.00						
26	268			100.20	0.00			0.00	0.00						
27	28			85.17	0.00			0.00	0.00						
28	1031			0.00	0.00			0.00	0.00						
29	34			0.84	0.00			0.00	0.00						
30	36			0.84	0.00			0.00	0.00						
31				0.00	0.00			0.00	0.00						
306.2 Total Gas Sales															
RUN TICKET READINGS															
TANK#	DATE	TICKET#	OPENING	CLOSING	GVTY	TEMP	BARRELS								
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
														0.00	
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														0.00	
														0.00	
														0.00	
														0.00	
TOTAL														0.00	

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SIGNATURE

ROBERTS RESOURCES, INC.

LEASE: Wheelock A-1 MONTH: November 2014 PURCHASER Oneok / NCRA

DATE	GAS SALES (MCF)	TANK		Water Tank		Pressure		COUNTY	STATE KANSAS	WELL REPORT								
		NUMBER	SIZE 200		SIZE 200					TOTAL BBL OIL	WELL #	POUND YES/NO	HOURS ON	% WATER	STROKE LGT/SPM			
		GUAGE	BBLs		BBLs	Casing PSI	Tbg PSI									DAILY	CUMULATIVE	
BEG		2	1															
1	8415	2	1	0.00		135.84	88	160		0.00	0.00							
2	8416	2	1	0.00		141.50	80	160		0.00	0.00							
3	8418	2	1	0.00		152.82	78	150		0.00	0.00							
4	8419	2	1	0.00		149.79	78	150		0.00	0.00							
5	7274	2	1	0.00		67.92	68	60		0.00	0.00							
6	7516	2	1	0.00		149.86	78	160		0.00	0.00							
7	8916	2	1	0.00		168.05	80	150		0.00	0.00							
8	9177	2	1	0.00		141.24	80	160		0.00	0.00							
9	94	2	1	0.00		121.69	80	170		0.00	0.00							
10	942	2	1	0.00		132.81	80	160		0.00	0.00							
11	923	2	1	0.00		135.84	80	160		0.00	0.00							
12	942	2	1	0.00		133.01	80	170		0.00	0.00							
13	997	2	1	0.00		107.54	80	50		0.00	0.00							
14	7519	2	1	0.00		85.09	80	50		0.00	0.00							
15	6115	2	1	0.00		90.57	80	150		0.00	0.00							
16	8013	2	1	0.00		118.86	80	150		0.00	0.00							
17	537	2	1	0.00		21.00	80	60		0.00	0.00							
18	5811	2	1	0.00		118.86	80	150		0.00	0.00							
19	4315	2	1	0.00		2.83	60	0		0.00	0.00							
20	17	2	1	0.00		0.00	60	0		0.00	0.00							
21	2412	2	1	0.00		0.00	60	0		0.00	0.00							
22	5812	2	1	0.00		144.33	80	220		0.00	0.00							
23	7318	2	1	0.00		138.67	80	200		0.00	0.00							
24	7917	2	1	0.00		138.67	80	200		0.00	0.00							
25	8512	2	1	0.00		116.03	80	200		0.00	0.00							
26	9818	2	1	0.00		113.20	80	220		0.00	0.00							
27	9114	2	1	0.00		99.05	80	200		0.00	0.00							
28	9311	2	1	0.00		110.37	80	210		0.00	0.00							
29	86	2	1	0.00		116.03	84	220		0.00	0.00							
30	10413	2	1	0.00		116.03	80	200		0.00	0.00							
31				0.00		0.00				0.00	0.00							
2313.5 Total Gas Sales		Total		3267.50														

RUN TICKET READINGS									
TANK#	DATE	TICKET#	OPENING	CLOSING	GVTY	TEMP		BARRELS	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
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								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
								0.00	
TOTAL								0.00	

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0 Total Bbls Hauled
SIGNATURE