

# Kansas Corporation Commission

## One Point Stabilized Open Flow or Deliverability Test

Form G-2  
(Rev. 7/03)

Type Test:

☐ Open Flow  
☐ Deliverability

Test Date:

04/16/2013

API No.

15129216260001

Company

OXY USA Inc

Lease

COMMISSIONERS B 3

Well Number

County

Morton

Location

1830 FSL & 2013 FEL

Section

15

TWP

34S

RNG (E/W)

41W

Acres Attributed

640

Field

UNASSIGNED

Reservoir

WABAUNSEE

Gas Gathering Connection

Oneok

Completion Date

01/31/2008

Plug Back Total Depth

3,207'

Packer Set at

Casing Size

4 1/2"

Weight

11.6#

Internal Diameter

4.000"

Set at

3,315'

Perforations

2,966'

To

3,103'

Tubing Size

2 3/8"

Weight

4.7#

Internal Diameter

1.995"

Set at

3,124'

Perforations

To

Type Completion (Describe)

SINGLE-GAS

Type Fluid Production

WATER

Pump Unit or Traveling Plunger?

Yes - Beam Pump

Yes / No

Producing Thru (Annulus / Tubing)

Annulus

% Carbon Dioxide

0.067%

% Nitrogen

15.935%

Gas Gravity - Gg

0.705

Vertical Depth (H)

3,035'

Pressure Taps

Flange

(Meter Run) (Prover) Size

3.068"

Pressure Buildup:

Shut in

04/15

20

13

at

9:00

Taken

04/16

20

13

at

9:00

Well on Line:

Shut in

20

at

20

at

Taken

20

at

20

### OBSERVED SURFACE DATA

Duration of Shut-in 24 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> ) psig	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						100.0	114.4	24	
Flow									

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/Barrel)	Flowing Fluid Gravity G <sub>m</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = : (P<sub>w</sub>)<sup>2</sup> = 0.0 : P<sub>d</sub> = % (P<sub>c</sub> - 14.4) + 14.4 = : (P<sub>a</sub>)<sup>2</sup> = 0.207  
(P<sub>d</sub>)<sup>2</sup> = 0

(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>d</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose Formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow

0

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

15

day of

April

2012

Witness

RECEIVED

KANSAS CORPORATION COMMISSION

OXY USA Inc.

For Company

David Ogden Oxy USA Inc.

For Commission

MAY 15 2013

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 OXY USA 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 COMMISSIONERS B 3 for the 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 a 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: April 15, 2012

Signature: David Ogden  
OXY USA Inc

Title: Gas Business Coordinator

**Instructions:** If a gas well meets one of the eligibility criteria set out in the 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 31st 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.

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 15 2013

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WICHITA, KS