

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Form G 2
(Rev. 7/03)

Type Test:

- Open Flow
 Deliverability

(See Instructions on Reverse Side)

Test Date: **12/29/2010** API No. **15081217530000**

Company OXY USA Inc		Lease REDD 4 B8 30 32			Well Number	
County Haskell	Location 1228 FSL & 1325 FWL	Section 8	TWP 30S	RNG (E/W) 32W	Acres Attributed 640	
Field LOCKPORT		Reservoir Morrow		Gas Gathering Connection OXY USA INC		
Completion Date 10/16/2007		Plug Back Total Depth 5,510'		Packer Set at 5,289'		
Casing Size 5 1/2"	Weight 15.5#	Internal Diameter 4.950"	Set at 5,773'	Perforations 5,318'	To 5,337'	
Tubing Size 2 3/8"	Weight 4.7#	Internal Diameter 1.995"	Set at 5,289'	Perforations	To	
Type Completion (Describe) SINGLE-GAS	Type Fluid Production WATER		Pump Unit or Traveling Plunger?		Yes / No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide 0.322%		% Nitrogen 13.786%		Gas Gravity Gg 0.741
Vertical Depth (H) 5,328'		Pressure Taps Flange			(Meter Run) (Prover) Size 3.068"	
Pressure Buildup: Shut in 12/25 20 10 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Taken 12/28 20 10 at 9:00 <input checked="" type="checkbox"/> AM <input checked="" type="checkbox"/> PM						
Well on Line: Started 12/28 20 10 at 9:00 <input type="checkbox"/> AM <input type="checkbox"/> PM Taken 12/29 20 10 at 9:00 <input type="checkbox"/> AM <input type="checkbox"/> PM						

OBSERVED SURFACE DATA Duration of Shut in **72** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or 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 _i) or (P _e)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _e)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut In						0.0	0.0	311.1	325.5	72	0
Flow	1.500	39.5	5.5	44.5	74	0.0	0.0	272.2	286.6	24	0

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _b) (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
11.4100	53.9	17.22	1.1617	1.0152	1.0056	233		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

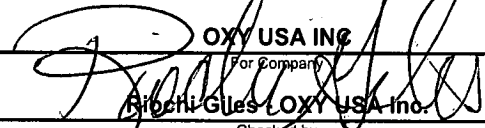
(P_c)² = **106.0** : (P_w)² = **82.1** : P_d = _____ % (P_c 14.4) + 14.4 = _____ : (P_a)² = **0.207**
(P_d)² = **0**

(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:	(P _c ² P _w ²)	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
105.7	23.9	4.4318	0.6466	0.6320	0.4087	2.5627	597	

Open Flow **597** 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 **29** day of **December**, **2010**

Witness _____


RECEIVED **OXY USA INC**
 For Company
JAN 07 2011 **Richi Giles OXY USA INC.**
 Checked by _____

KCC WICHITA



Tom Acton
Mid-Continent Business Unit

OXY USA Inc.
P. O. Box 27570 Houston, Texas 77227-7570

Phone 713.215.7623
Fax 713.350.4873

December 29, 2010

Jim Hemmen
Finney State Office Building
130 South Market Street, Room 2078
Wichita, Kansas 67202-3802

**RE: Redd 4-B8-30-32
15-081-21753-0000
Section 8, Township 30 South, Range 32 West
Haskell County, Kansas**

Dear Mr. Hemmen:

Enclosed you will find the 2010 Flow Test for the aforementioned well.

If you have questions, need additional information or would like to discuss the contents of this packet, please feel free to contact me.

Regards,

Tom Acton
Gas Flow Coordinator
Mid-Continent Business Unit
Occidental Oil & Gas

Enclosures: 2010 Form G-2

Cc: Well Test File

RECEIVED
JAN 07 2011
KCC WICHITA