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Form G 2
(Rev. 7/03)

Kansas Corporation Commission
One Point Stabilized Open Flow or Deliverability Test **KCC WICHITA**

Type Test:

- Open Flow
 Deliverability

Test Date: **01/07/2011** API No. **15081219150000**

Company OXY USA Inc		Lease ZM FARMS A 2			Well Number	
County Haskell	Location 1980' FSL & 330' FWL	Section 11	TWP 30S	RNG (E/W) 32W	Acres Attributed 640	
Field LOCKPORT		Reservoir Chester		Gas Gathering Connection OneOk		
Completion Date 11/24/2010		Plug Back Total Depth 5,510'		Packer Set at		
Casing Size 5 1/2"	Weight 17.0#	Internal Diameter 4.892"	Set at 5,740'	Perforations 5,354'	To 5,412'	
Tubing Size	Weight	Internal Diameter	Set at	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) Annulus	% Carbon Dioxide 0.347%	% Nitrogen 19.151%	Gas Gravity Gg 0.723

Vertical Depth (H) 5,383'	Pressure Taps Flange	(Meter Run) (Prover) Size 3.068"
Pressure Buildup: Shut in 01/03 20 11 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Taken 01/06 20 11 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		
Well on Line: Started 01/06 20 11 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Taken 01/07 20 11 at 9:00 <input checked="" 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						402.2	416.6	0.0	0.0	72	0
Flow	2.250	61.3	30.1	74	75	275.9	290.3	0.0	0.0	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
29.5200	75.7	47.73	1.1761	0.9868	1.0056	1645		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2 = 173.6$: $(P_w)^2 = 84.3$: $P_d =$ _____ % $(P_c 14.4) + 14.4 =$ _____ $(P_a)^2 = 0.207$
 $(P_d)^2 = 0$

(Pc)2 (Pa)2 or (Pc)2 (Pd)2	(Pc)2 (Pw)2	Choose Formula 1 or 2: 1. Pc Pa2 2. Pc Pd2 divided by: Pc Pw2	LOG of formula 1. or 2. and divide by:	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
173.3	89.3	1.9416	0.2882	0.8360	0.2409	1.7414	2865

Open Flow **2,865** 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 **11** day of **January** **2011**

Witness

For Commission

OXY USA INC
For Company
Tom Acton
Tom Acton - OXY USA Inc.
Checked by _____



OXY USA Inc.
A subsidiary of Occidental Petroleum Corporation

5 Greenway Plaza, Suite 110, Houston, Texas 77046-0521
P.O. Box 27570, Houston, Texas 77227-7570

Tom Acton
Mid-Continent Business Unit

Phone: 713-215-7623
Fax: 713-350-4873

December 29, 2010

Jim Hemmen
Finney State Office Building
130 S. Market, Room 2078
Wichita, KS 67202-3802

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Dear Mr. Hemmen:

Please find enclosed, the One Point Stabilized Open Flow/Deliverability Test, Multipoint Back Pressure Test, and Gas Analysis Certificate for the following well:

ZM Farms A-2

Section 11-T30S-R32W

If you have any questions or concerns please contact me at any time.

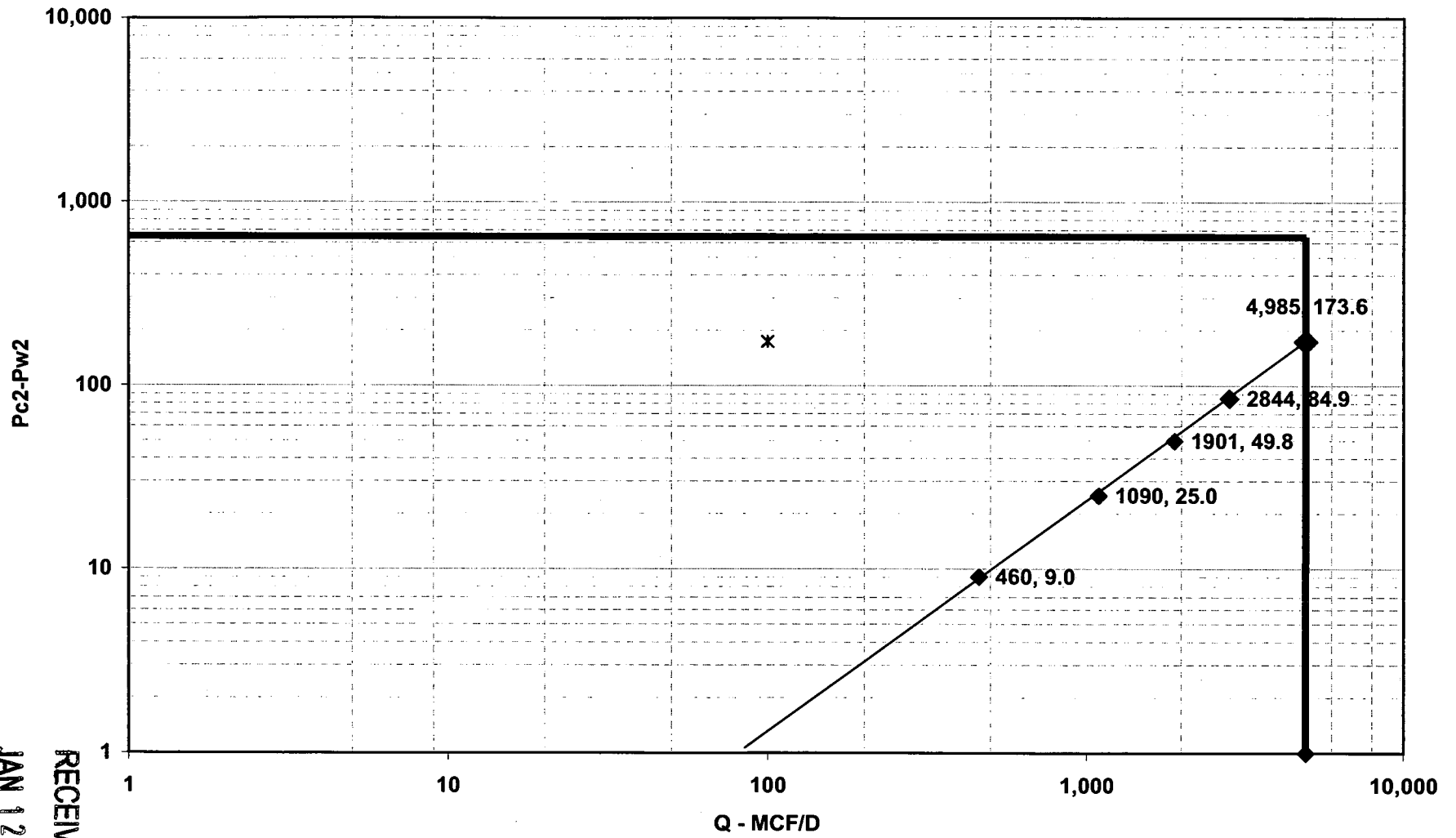
Regards,

Tom Acton
Gas Flow Coordinator

Enclosures: 2010 Form G-2/CG-1
Gas Analysis Certificate

Cc: New Well Test File

ZM FARMS A 2 Section 11, T30S, R32W Haskell County, Kansas



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Gas Analysis Certificate Report

Well Name:	Z M FARMS A-2	Alternate ID:	
Analysis ID:		Company Name:	OXY USA Inc.

Effective Date:	12/13/10 3:58 PM	Saturated HV:	1066.9	Sample Date:	12/13/10
Valid Through Date:	12/14/11	As Delivered HV:		Sample ID:	
Last Update:	12/15/10 1:12 PM	Dry HV:	1066.9	Sample Type:	SPOT
Data Acquisition:		Gravity:	0.7150	Sample Pressure Base:	14.730
Data Source:		Status:	ACTIVE	Sample Temperature:	0.0
				Sample Pressure:	0.0

Component	% Mol	GPM	
Methane	74.8700	12.6897	Gravity - Dry
Ethane	6.9560	1.8591	Gravity - Saturated
Propane	3.7730	1.0388	
I Butane	0.6250	0.2044	
N Butane	1.0610	0.3345	
I Pentane	0.2510	0.0919	
N Pentane	0.2710	0.0981	
Hexane	0.2240	0.0921	
Heptane	0.0000	0.0000	
Octane	0.0000	0.0000	
Nonane	0.0000	0.0000	
Decane	0.0000	0.0000	
Nitrogen	11.4930	1.2641	
CO2	0.2370	0.0402	
Oxygen	0.0000	0.0000	
H2O	0.0000	0.0000	
CO	0.0000	0.0000	
H2S	0.0000	0.0000	
Hydrogen	0.0000	0.0000	
Helium	0.2390	0.0000	
Argon	0.0000	0.0000	
Total	100.0000	17.7129	

Sample Comments:

Configuration Comments:

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