

Kansas Corporation Commission
One Point Stabilized Open Flow or Deliverability Test

Form G 2
(Rev. 7/03)

Type Test:

- Open Flow
 Deliverability

Test Date: **07/30/2010** API No. **15175221740000**

Company OXY USA Inc		Lease BEELMAN 12-P10-31-33			Well Number	
County Seward	Location 1001' FSL & 1198 FEL	Section 10	TWP 31S	RNG (E/W) 33W	Acres Attributed 640	
Field FRANZ-TOLAND		Reservoir Morrow		Gas Gathering Connection FRONTSTREET		
Completion Date 05/27/2009		Plug Back Total Depth 5,688'		Packer Set at		
Casing Size 4 1/2"	Weight 10.5#	Internal Diameter 4.052"	Set at 5,780'	Perforations 5,408'	To 5,428'	
Tubing Size 2 3/8"	Weight 4.7#	Internal Diameter 1.995"	Set at 5,400'	Perforations	To	
Type Completion (Describe) SINGLE - GAS		Type Fluid Production WATER/OIL		Pump Unit or Traveling Plunger?		Yes / No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide 0.210%		% Nitrogen 7.415%		Gas Gravity Gg 0.694
Vertical Depth (H) 5,418'		Pressure Taps Flange		(Meter Run) (Prover) Size 3.068"		
Pressure Buildup: Shut in 07/30 20 10 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Taken 08/02 20 10 at 9:00 <input checked="" type="checkbox"/> AM <input checked="" type="checkbox"/> PM						
Well on Line: Started 08/02 20 10 at 9:00 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM Taken 08/03 20 10 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 _c)		Tubing Wellhead Pressure (P _w) or (P _i) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut In						135.3	149.7	130.2	144.6	24	0
Flow	1.500	17.2	10.4	97	60	100.2	114.6	96.6	111.0	24	2

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 (Mcf/d)	GOR (Cubic Feet/Barrel)	Flowing Fluid Gravity C _m
11.4100	31.6	18.13	1.2004	0.9662	1.0024	240		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)² = **22.4** ; (P_w)² = **13.1** ; 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 _{c2} P _{a2} 2. P _{c2} P _{d2} divided by: P _{c2} P _{w2}	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 (Mcf/d)
22.2	9.3	2.3845	0.3774	0.5320	0.2008	1.5878	381

Open Flow **381** 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 **September** **2010**

Witness

For Commission

OXY USA INC
Richard Giles
 Richard Giles - OXY USA Inc.
 Checked by _____

RECEIVED
OCT 01 2010
KCC WICHITA