

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:

Open Flow  
Deliverability

Test Date:

API No. 15

077-21424

Company <b>GLB EXPLORATION, Inc</b>		Lease <b>OSBORNE</b>		Well Number <b>1</b>	
County <b>HARPER</b>	Location <b>1400' FNLV 1980' FWL</b>	Section <b>32</b>	TWP <b>32S</b>	RNG (E/W) <b>6W</b>	Acres Attributed <b>640</b>
Field <b>CONNIE SUE</b>		Reservoir <b>MISSISSIPPI</b>		Gas Gathering Connection <b>WESTERN</b>	
Completion Date <b>8/8/02</b>		Plug Back Total Depth <b>4,996'</b>		Packer Set at <b>4383</b>	
Casing Size <b>4 1/2</b>	Weight <b>11.6</b>	Internal Diameter	Set at <b>5,047</b>	Perforations <b>4,450'-4,460'</b>	To
Tubing Size <b>2 3/8</b>	Weight <b>4.7</b>	Internal Diameter	Set at <b>4383</b>	Perforations	To
Type Completion (Describe) <b>Tubing Conveyed - NATURAL</b>		Type Fluid Production		Pump Unit or Traveling Plunger? Yes / <input checked="" type="checkbox"/> No	
Producing Thru (Annulus / Tubing) <b>Tubing</b>		% Carbon Dioxide		% Nitrogen	
Vertical Depth(H)		Pressure Taps		(Meter Run) (Prover) Size	
Pressure Buildup: Shut in _____ 19 _____ at _____ (AM) (PM) Taken _____ 19 _____ at _____ (AM) (PM)					
Well on Line: Started _____ 19 _____ at _____ (AM) (PM) Taken _____ 19 _____ at _____ (AM) (PM)					

### OBSERVED SURFACE DATA

Duration of Shut-in \_\_\_\_\_ Hours

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

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>v</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\frac{1}{8} P_m \times H_w$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>pr</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_e)^2 =$  \_\_\_\_\_ :  $(P_w)^2 =$  \_\_\_\_\_ :  $P_e =$  \_\_\_\_\_ %  $(P_e - 14.4) + 14.4 =$  \_\_\_\_\_ :  $(P_w)^2 = 0.207$   
 $(P_e)^2 =$  \_\_\_\_\_

$(P_e)^2 - (P_w)^2$ or $(P_e)^2 - (P_e)^2$	$(P_e)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_e^2 - P_w^2$ 2. $P_e^2 - P_w^2$ divided by: $P_e^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_e^2 - P_w^2$	Backpressure Curve Slope = "n" or 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 \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_.

\_\_\_\_\_  
Witness (if any)

\_\_\_\_\_  
For Commission

\_\_\_\_\_  
For Company

\_\_\_\_\_  
Checked by

# GLB Exploration Osborne #1

**Tubing Joint**

**Tubing Joint**  
I.D. - 2.0  
O.D. - 2.375

Length - 49.25" 4.10'

**Nipple**

**S Nipple**  
I.D. - 1.78  
O.D. - 2.375

Length - 1.1

**Plug/Packer**

**Plug/Packer**  
I.D. - 2.0  
O.D. - 3.875

Length - 7'

**Pup Joint**

**Pup Joint**  
O.D. - 2.375

Length - 28.72

**Flow Sub**

**Flow Sub**  
I.D. - 2.0  
O.D. - 2.375

Length - .65

**Pup Joint**

**Pup Joint**  
I.D. - 2.0  
O.D. - 2.375

← 4428 (KB) Pressure Recorder  
4420 (GL)  
Length - 33.81

**Handling Joint  
(With Drop Bar)**

**Handling Joint**  
I.D. - 2.0  
O.D. - 2.375  
**Drop Bar**  
Length - 5.0  
**Fish Neck**  
O.D. - 1.0

4445.10  
Length - 2.66

**Firing Head**

**Firing Head**  
O.D. - 2.375

4449.51  
4443.16  
Length - .4

**Perforated Interval(s)**

**Top Shot**  
O.D. - 3.75

4450

Perforated Length 10  
Shot Density 4JSPP

**Bottom Shot**

4460

120° spacing

10.74 gun

10.4 Top sub - multiple

