

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

SEP 1 1989

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial (Annual) Workover Reclassification TEST DATE: 9-7-89  
 Company OXY USA Lease HALL K-4 Well No.  
 County HASKELL Location 5 Township 29 Range 34 Acres  
 Field EUBANK Reservoir CHESTER Pipeline Connection NONE  
 Completion Date Type Completion (Describe) SINGLE/OIL Plug Back T.D. 5430 Packer Set At  
 Production Method: Type Fluid Production OIL/WATER API Gravity of Liquid/OIL  
 Flowing (Pumping) Gas Lift  
 Casing Size 5.5 Weight 14# I.D. Set At 5615 Perforations 5390-5393 To 5400-5402  
 Tubing Size 2.375 Weight 4.7# I.D. Set At 5406 Perforations To

Pretest: Starting Date 9-5-89 Time 10:45 AM Ending Date 9-6-89 Time 10:45 AM Duration Hrs. 24  
 Test: Starting Date 9-6-89 Time 10:45 AM Ending Date 9-7-89 Time 10:45 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing: 27 psig			Tubing: 27 psig							
Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	3158	1	0 1/2	20.9	7	10	157	48	136.1
Test:	300		0	11	18.4	7	11	158.7	44	140.3
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:				
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter					8 psig		
Critical Flow Prover							
Orifice Well Tester	2"	.250					

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): 27 Oil Prod. Bbls./Day: 140.3 Gas/Oil Ratio (GOR) = 192 Cubic Ft. per Bbl.

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 7th day of Sept 1989

For Offset Operator: *Glenn R. ...* For State: *J.C. ...* For Company: *J.C. ...*

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR \_\_\_\_\_ LOCATION OF WELL \_\_\_\_\_  
 LEASE \_\_\_\_\_ OF SEC. T R \_\_\_\_\_  
 WELL NO. \_\_\_\_\_ COUNTY \_\_\_\_\_  
 FIELD \_\_\_\_\_ PRODUCING FORMATION \_\_\_\_\_  
 Date Taken \_\_\_\_\_ Date Effective \_\_\_\_\_  
 Well Depth \_\_\_\_\_ Top Prod. Form \_\_\_\_\_ Perfs \_\_\_\_\_  
 Casing: Size \_\_\_\_\_ Wt. \_\_\_\_\_ Depth \_\_\_\_\_ Acid \_\_\_\_\_  
 Tubing: Size \_\_\_\_\_ Depth of Perfs \_\_\_\_\_ Gravity \_\_\_\_\_  
 Pump: Type \_\_\_\_\_ Bore \_\_\_\_\_ Purchaser \_\_\_\_\_  
 Well Status \_\_\_\_\_  
 Pumping, flowing, etc.

TEST DATA

Permanent \_\_\_\_\_ Field \_\_\_\_\_ Special \_\_\_\_\_  
 Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping \_\_\_\_\_

STATUS BEFORE TEST:

PRODUCED \_\_\_\_\_ HOURS  
 SHUT IN \_\_\_\_\_ HOURS  
 DURATION OF TEST \_\_\_\_\_ HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_ SECONDS  
 GAUGES: WATER \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 OIL \_\_\_\_\_ INCHES \_\_\_\_\_ PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_  
 WATER PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_  
 OIL PRODUCTION RATE (BARRELS PER DAY) \_\_\_\_\_ PRODUCTIVITY  
 STROKES PER MINUTE \_\_\_\_\_  
 LENGTH OF STROKE \_\_\_\_\_ INCHES  
 REGULAR PRODUCING SCHEDULE \_\_\_\_\_ HOURS PER DAY.  
 COMMENTS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WITNESSES:

FOR STATE \_\_\_\_\_ FOR OPERATOR \_\_\_\_\_ FOR OFFSET \_\_\_\_\_