

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 2-4-97

Company OXY U.S.A. Lease Israel A Well No. 11

County Morton Location 2310' FSL - 330' FWL Section 4 Township 32 Range 39 Acres

Field East Kinsler Reservoir Morrow Pipeline Connection OXY

Completion Date 12-23-88 Type Completion (Describe) Single-Gas Oil Plug Back T.D. 5999 (mb) Packer Set At

Production Method: Pumping Type Fluid Production Oil/Gas API Gravity of Liquid (Oil) 39.6°

Flowing Casing Size 5 1/2" Weight 14# I.D. 6049' Set At Perforations 5498 - 5518 To

Tubing Size 2 3/8" Weight 4.7# I.D. 5563' Set At Perforations To

Pretest: Starting Date 2-3-97 Time 1:45 p.m. Ending Date 2-4-97 Time 1:45 p.m. Duration Hrs. 24

Test: Starting Date 2-3-97 Time 1:45 p.m. Ending Date 2-4-97 Time 1:45 p.m. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing: <u>43 psig</u>			Tubing: <u>40 psig</u>			<u>38 psig</u>			
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	<u>300</u>	<u>17760</u>	<u>2</u>	<u>10 1/4"</u>	<u>57.54</u>	<u>3</u>	<u>4 3/4"</u>	<u>68.46</u>	<u>Trace</u> <u>10.92</u>
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:		Flange Taps: <input checked="" type="checkbox"/>		Differential: <u>50</u>		Static Pressure: <u>250</u>	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3.068</u>	<u>1.250</u>		<u>33.6 psig</u>	<u>12.7"</u>	<u>.8333</u>	<u>76°</u>
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>7.771</u>	<u>46.8</u>	<u>23.6</u>	<u>1.096</u>	<u>.9850</u>	<u>-</u>	<u>-</u>

Gas Prod. MCFD 206 Oil Prod. Bbls./Day: 10.92 Gas/Oil Ratio (GOR) = 18.864 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 5th day of February 1997

For Offset Operator

For State

Louis Hume
 For Company

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