

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT 15-129-21251-0000

Form 2-5 Revised

Observation Division

TEST: Initial Annual Workover Reclassification TEST DATE: 4-16-94

Company: Oxy USA Inc. Location: Smith Well No.: 2

County: Morton Location: 1320' FNL 1320' FEL Section: 20 Township: 33 Range: 42 Acres: 2

Field: Winter Reservoir: Mouow Pipeline Connection: C16

Completion Date: Single Oil & Gas Type Completion (Describe): 5120' Plug Back T.D.: 5120' Packer Set At: 5120'

Production Method: Pumping Gas Lift: Oil & Gas Type Fluid Production: Oil & Gas API Gravity of Liquid/Oil: 5120'

casing Size: 5 1/2" Weight: 15.5 I.D.: 5300' Set At: 4467 - 4473 Perforations To: 4467 - 4473

tubing Size: 2 3/8" Weight: 4.7 I.D.: 4448 SN Set At: 4467 - 4473 Perforations To: 4467 - 4473

Pretest: Starting Date: 4/15/94 Time: 11:00 AM Ending Date: 4/16/94 Time: 11:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure: 40 psig Tubing: 40 psig Separator Pressure: 32 psig Choke Size: 2"

Bbls./In.	Tank		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	300	27536	01	2"	23.38	7	3"	145.29	0	121.9
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections: 2.00" Flange Taps: .500 Differential: 34.7 Static Pressure: 21"

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure (Psig or (Fd))	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (F)
Orifice Meter	2.00"	.500		34.7	21"	.714	51°
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Fsia) (Pm)	Extension $\sqrt{hw \times Fm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fcd)
1.219	49.1	32.111	1.183	1.009		
Gas Prod. MCFD	Flow Rate (R): <u>46.7</u>	Oil Prod. Bbls./Day: <u>121.9</u>	Gas/Oil Ratio (GOR) = <u>383.1</u>	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 16th day of April 1994

Bertel Smith

For Offset Operator

For State

For Company