

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Observation Division Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 8-8-86
 Lease OWen Dowdy Well No. 2

Company Mobil Oil Corp.
 County Steven's Location 1/2 of SW/4 Section 36 Township 32 Range 35 Acres 80

Field North Shuks Reservoir Chester Pipeline Connection

Completion Date 4-11-86 Type Completion (Describe) Single Plug Back T.D. 6293 Packer Set At

Production Method: Pumping Type Fluid Production Oil: Saltwater API Gravity of Liquid/Oil 40

Flowing Line Size	Weight	I.D.	Set At	Perforations	To
<u>5 1/2</u>	<u>15.5</u>	<u>4.950</u>	<u>6379</u>	<u>6110</u>	<u>6157</u>
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 3/8</u>	<u>6.5</u>	<u>2.441</u>	<u>6072</u>		

Retest: Starting Date 8-6-87 Time 9:30 A.M. Ending Date 8-7-86 Time 9:30 A.M. Duration Hrs. 21
 Retest: Starting Date 8-7-86 Time 9:30 A.M. Ending Date 8-8-86 Time 9:30 A.M. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size	Starting Gauge		Ending Gauge			Net Prod. Bbls.	
			Feet	Inches	Feet	Inches	Barrels	Water	Oil
<u>400</u>	<u>6092</u>	<u>6'</u>	<u>1</u>	<u>121.91</u>	<u>10</u>	<u>1.25</u>	<u>202.49</u>	<u>4.75</u>	<u>81</u>
<u>400</u>	<u>6092</u>	<u>10</u>	<u>1.25</u>	<u>202.49</u>	<u>11</u>	<u>7</u>	<u>232.13</u>	<u>10.5</u>	<u>29.64</u>
<u>400</u>	<u>6091</u>	<u>1</u>	<u>6</u>	<u>30.6</u>	<u>4</u>	<u>5.50</u>	<u>89.35</u>	<u>—</u>	<u>58.74</u>

GAS PRODUCTION OBSERVED DATA

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
<u>Orifice Meter</u>							<u>.680</u>	<u>60</u>
<u>Critical Flow Prover</u>	<u>2"</u>	<u>3/8</u>			<u>7.5</u>			
<u>Orifice Well Tester</u>								

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)
<u>2.439</u>	<u>21.9</u>	<u>—</u>	<u>—</u>	<u>1.213</u>	<u>1.000</u>		

Gas Prod. MCFD 64 Oil Prod. Bbls./Day: 88 Gas/Oil Ratio (GOR) = 727.28 Cubic Ft per Bbl.

I, 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 8th day of August 1986

For Offset Operator SEP 2 1986 9-2-86 For State Glenn R. Barton For Company Roy Roberts