

15-077-20580-0000

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE: \_\_\_\_\_

Company: MCA Petroleum Co    Lease: Mur A    Well No.: 1

County: Harper    Location: S2 SUNE    Section: 10    Township: 31    Range: 8W    Acres: \_\_\_\_\_

Field: Soney Oaks    Reservoir: Mississippi    Pipeline Connection: Koch Cores Service

Completion Date: 6-12-80    Type Completion (Describe): Open Hole    Plug-Back T.D.: 4401 DD    Packer Set At: \_\_\_\_\_

Production Method: \_\_\_\_\_    Type Fluid Production: \_\_\_\_\_    API Gravity of Liquid/Oil: \_\_\_\_\_

Flowing     Pumping     Gas Lift

Casing Size: 4 1/2    Weight: 10.5    I.D.: \_\_\_\_\_    Set At: 4390    Perforations: \_\_\_\_\_    To: \_\_\_\_\_

Tubing Size: 2 3/4    Weight: 4.7    I.D.: \_\_\_\_\_    Set At: 4377'    Perforations: \_\_\_\_\_    To: \_\_\_\_\_

Pretest: \_\_\_\_\_    Duration Hrs.: \_\_\_\_\_

Starting Date: \_\_\_\_\_    Time: \_\_\_\_\_    Ending Date: \_\_\_\_\_    Time: \_\_\_\_\_

Test: \_\_\_\_\_    Duration Hrs.: \_\_\_\_\_

Starting Date: 10-1-80    Time: 8:00    Ending Date: 10-2-80    Time: 8:00    Duration Hrs.: 74

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size					
Casing:	Tubing:									
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	<u>700</u>		<u>5</u>	<u>-</u>	<u>10070</u>	<u>5</u>	<u>1/2</u>	<u>10270</u>	<u>35</u>	<u>251</u>
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-Tester In. Water	Pressure In. Merc. Paig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	<u>3</u>	<u>3/4</u>		<u>4.4 + 14.5</u>	<u>150</u>	<u>650</u>	<u>60</u>
Critical Flow Prover				<u>77 + 14.5</u>			
Orifice Well Tester				<u>30.65</u>			

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension V/hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
<u>2.740</u>		<u>7.41</u>	<u>1.240</u>	<u>1.000</u>	<u>1.000</u>	

Gas Prod. MCFD: \_\_\_\_\_    Oil Prod. Bbls./Day: 2.51    Gas/Oil Ratio (GOR) = 10.030    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 7 day of October 1980

For Offset Operator: \_\_\_\_\_    For State: \_\_\_\_\_    For Company: \_\_\_\_\_

10-2-80