

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

AP

Conservation Division Form C-5 Revised

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: _____

Company: Sterling Oil Co Lease: Phinney Well No.: 1

County: Pawnee Location: NW NENE Section: 1 Township: 21 Range: 16 Acres: 160

Field: Ash Creek Reservoir: Arbuckle Pipeline Connection: Koch

Completion Date: 12-12-91 Type Completion (Describe): Oil - Perfs Plug Back T.D.: 3832 Packer Set At: _____

Production Method: _____ Type Fluid Production: Oil & water API Gravity of Liquid/Oil: 36

Flowing Pumping Gas Lift _____

Casing Size	Weight	I.D.	Set At	Perforations	To
<u>5 1/2</u>	<u>15.5</u>	<u>4</u>	<u>3885</u>	<u>3778-3814</u>	
Tubing Size	Weight	I.D.	Set At	Perforations	To
<u>2 3/8</u>	<u>6.5</u>	<u>2.5</u>	<u>3880</u>		

Pretest: _____ Duration Hrs. _____

Starting Date _____ Time _____ Ending Date _____ Time _____

Test: _____ Duration Hrs. _____

Starting Date _____ Time _____ Ending Date _____ Time _____

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>200</u>	<u>296043</u>	<u>7'</u>	<u>11"</u>	<u>158.65</u>	<u>8</u>	<u>3</u>	<u>165.33</u>	<u>214</u>	<u>6.68</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 Pressure		Diff. Press.	Gravity	Flowing	
			In.Water	In.Merc.	Psig or (Pd)	(hw) or (hd)	Gas (Gg)	Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

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

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: _____ Gas/Oil Ratio (GOR) = _____ 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 _____ day of _____ 19____

For Offset Operator _____ For State _____ For Company _____

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Sterling Oil Co LOCATION OF WELL NWNE
 LEASE Phinney OF SEC. 1 T 21 R 16
 WELL NO. 1 COUNTY Pawnee
 FIELD Ash Creek PRODUCING FORMATION Arbuckle
 Date Taken 2-11-92 Date Effective _____
 Well Depth _____ Top Prod. Form _____ Perfs _____
 Casing: Size 5 1/2 Wt. 15.5 Depth _____ Acid _____
 Tubing: Size 2 3/8 Depth of Perfs _____ Gravity 36
 Pump: Type insert Bore 1 1/2" Purchaser Koch
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special ✓
 Flowing _____ Swabbing _____ Pumping ✓

STATUS BEFORE TEST:

PRODUCED _____ HOURS
 SHUT IN _____ HOURS
 DURATION OF TEST 24 HOURS _____ MINUTES _____ SECONDS
 GAUGES: WATER _____ INCHES 97 PERCENTAGE
 OIL _____ INCHES 3 PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 220.68
 WATER PRODUCTION RATE (BARRELS PER DAY) 214
 OIL PRODUCTION RATE (BARRELS PER DAY) 6.68 PRODUCTIVITY
 STROKES PER MINUTE 11
 LENGTH OF STROKE 74 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
 COMMENTS _____

RECEIVED
STATE CORPORATION COMMISSION

FEB 13 1992

CONSERVATION DIVISION
Wichita, Kansas

WITNESSES:

[Signature]
FOR STATE

[Signature]
FOR OPERATOR

FOR OFFSET