

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-175-21225-0000

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 6-25-96
 Company: Hogston Eng. Lease: Graham Well No.: 1-3
 County: Seward Location: C/4 SE SW Section: 3 Township: 32 Range: 33 Acres:
 Field: ANG-1C Reservoir: Chestex Pipeline Connection: NNG
 Completion Date: 2/12/92 Type Completion(Describe): Single / Oil / GAS (Ref. c. Inc.) Plug Back T.D.: 5752' Packer Set At:
 Production Method: Pumping Type Fluid Production: Oil/Water API Gravity of Liquid/Oil: 30°
 Flowing Casing Size: 4 1/2 Weight: 10.5 I.D.: 4.052 Set At: 5800 Perforations: 5703 To: 5707
 Tubing Size: 2 7/8 Weight: 4.7 I.D.: 1.995 Set At: 5190 Perforations: To

Pretest: Starting Date 6-23-96 Time 2:00 Ending Date 6-24-96 Time 2:00 Duration Hrs. 24
 Test: Starting Date 6-24-96 Time 2:00 Ending Date 6-25-96 Time 2:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge		Net Prod. Bbls.		
1.67	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	300	19643			10'	7"	212.09		
Test:	300	"	10	7"	212.09	11'	9"	235.47	23.38
Test:	Water							20.0	

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 In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)	
Orifice Meter	N/A	GAS production - what GAS is						
Critical Flow Prover	produced is used to RUN Equipment.							
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

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

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 25 day of June 19 96

Gary Winters For State
Donal Rio For Company
 JUN 28 1996
 KANSAS CORPORATION COMMISSION

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