

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1-31-2-1-90
 Company: FGS Holl Lease: Kennedy Well No.: 1-29
 County: Pratt Location: 120'W+110NAS/2NWNE Section: 29 - 29^s - 12^w Acres: 16.0
 Field: NA Reservoir: MISS Pipeline Connection: Clear Creek
 Completion Date: 11-9-89 Type Completion (Describe): Acid + Frac Plug Back T.D.: 4698' Packer Set At: None
 Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil + wt. API Gravity of Liquid/Oil: 33.5 @ 56°
 Casing Size: 5 1/2" Weight: 14# I.D.: 5.012" Set At: 4755' Perforations: 4363 - 73 To:
 Tubing Size: 2 3/8" Weight: 4.7 I.D.: 1.995 Set At: 4338' Perforations: Perforated M.A. To:
 Pretest: Starting Date: Time: Ending Date: Time: Duration Hrs.:
 Test: Starting Date: 1-31-90 Time: 9:00 AM Ending Date: 2-1-90 Time: 9:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	38"	Tubing:	100"	Heater Treater = 38"					
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	250	1033	2	8	53.36	4' 1"	81.67	3.36	28.31
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range			
Pipe Taps:	Flange Taps:	<input checked="" type="checkbox"/>	Differential:	100"	Static Pressure:	0-1000"	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure	Diff. Press.	Gravity	Flowing Temp.	
			In. Water In. Merc. Psig or (Pd)	(hw) or (hd)	Gas (Gg)	(t)	
Orifice Meter	2"	1/2"	30"	12"		60	
Critical Flow Prover							
Orifice Well Tester							

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)
1.219	44.4	23.08	1.00	1.00		

Gas Prod. MCFD: 28.13 Oil Prod. Bbls./Day: 28.31 Gas/Oil Ratio (GOR) = 0.994 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 1st day of February 1990

For Offset Operator: *Stephen J. Pfeifer* For State: *David L. Dussel* For Company:

Gas Gravity + Flowing Temp = NA

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 _____