

15-167-01022-00-01

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Frontier Oil Co. LOCATION OF WELL SE SW SW
 LEASE Abbott OF SEC. 27 T 11 R 15
 WELL NO. 3 COUNTY Russell
 FIELD unnamed PRODUCING FORMATION Lansing
 Date Taken 6-20-89 Date Effective 6-20-89 JUN 1 1989
 Well Depth 3368 Top Prod. Form Lansing Perfs 3172-80
 Casing: Size 4 1/2 Wt. 9 1/2 # Depth 3380 Acid NA
 Tubing: Size 2 3/8 Depth of Perfs 3364 Gravity 35 @ 71°
 Pump: Type insert Bore 2 x 1 1/4 x 10 Purchaser Clear Creek
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent X Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN None HOURS

DURATION OF TEST 2 HOURS - MINUTES _____ SECONDS

GAUGES: WATER 20.8 INCHES 8 3/4 PERCENTAGE

OIL 4.2 INCHES 1 1/2 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 12

WATER PRODUCTION RATE (BARRELS PER DAY) 10

OIL PRODUCTION RATE (BARRELS PER DAY) 2 PRODUCTIVITY

STROKES PER MINUTE 6

LENGTH OF STROKE 41 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

Dennis L. Hamel
FOR STATE

[Signature]
FOR OPERATOR

FOR OFFSET

[Signature]

RECEIVED
STATE CORPORATION COMMISSION

JUN 28 1989
6-28-1989
CONSERVATION DIVISION
Wichita, Kansas

**STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT**

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:
Company Lease Well No.

County Location Section Township Range Acres

Field Reservoir Pipeline Connection

Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At

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

Flowing Pumping Gas Lift
Casing Size Weight I.D. Set At Perforations To

Tubing Size Weight I.D. Set At Perforations To

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:									
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 In. Water	Tester In. Merc.	Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

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)
(OWTC)			√hw x Pm				

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.
Flow Rate (R): Bbls./Day: (GOR) = 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