

15-151-2919-0000

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 4-19-20-90

Company: National Development Co. Lease: Allen Well No.: 7-Rabbit

County: Pratt Location: 2970 FSL Section: 25 Township: 26 Range: 12 Acres: 160

Field: Reservoir: MISS Pipeline Connection: Clear Creek

Completion Date: 3-20-89 Type Completion(Describe): Acid + Frac Plug-Back T.D.: TD=4352 Packer Set At:

Production Method: Type Fluid Production: Oil + wt. API Gravity of Liquid/Oil: 42

Flowing Pumping Gas Lift

Casing Size	Weight	I.D.	Set At	Perforations	To
5 1/2"	15"	4.974	4340	4102	4127
Tubing Size	Weight	I.D.	Set At	Perforations	To
2 7/8"	6.5"	2.441	4250	15' Perforated	mud anchor

Pretest: Starting Date: 4-19-90 Time: 9:00 AM Ending Date: 4-20-90 Time: 9:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure	Separator Pressure	Choke Size		
Casing: 30" Tubing: 30"	25"			
Bbls./In.	Tank	Starting Gauge	Ending Gauge	Net Prod. Bbls.
	Size Number	Feet Inches Barrels	Feet Inches Barrels	Water Oil
Pretest:				
Test:	200 5972	2' 3" 45.01	3' 8" 73.36	9.0 28.35
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						

NO GAS SALES

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD: _____ Oil Prod. Bbls./Day: 28.35 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 20th day of April 1990

STATE OF KANSAS
APR 20 1990

For Offset Operator: _____ For State: Stephen J. Pfeiffer For Company: Otto Schwertfeger

CONSERVATION DIVISION
Wichita, Kansas

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 _____