

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

SEP 1 1988 Form C-5 Revised

Conservation Division  
 TYPE TEST: (Initial ) Annual Workover Reclassification TEST DATE: 9-7-88  
 Company: A+A Discovery Lease: Holland Well No.: A-1  
 County: Pratt Location: SE, SE, NW Section: 8 - Township: 27S - Range: 11W Acres: 120  
 Field: Haynesville Reservoir: Kansas City Pipeline Connection: (Truck haul) Clear Creek  
 Completion Date: 7-7-88 Type Completion (Describe): 1000 gals. of acid Plug Back T.D.: 4054 Packer Set At: none  
 Production Method: Flowing Pumping  Gas Lift Type Fluid Production: oil API Gravity of Liquid/Oil: 26.2 @ 68°  
 Casing Size: 4 1/2" Weight: 10.5# I.D.: Set At 4054' Perforations: 3904' - 3906'  
 Tubing Size: 2 3/8" Weight: I.D.: Set At 3931' Perforations: 3921' - 3931'

Pretest: Starting Date 9-6-88 Time 10:00 A.M. Ending Date 9-7-88 Time 10:00 A.M. Duration Hrs. 24  
 Test: Starting Date 9-6-88 Time 10:00 A.M. Ending Date 9-7-88 Time 10:00 A.M. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size			
Casing: 380#	Tubing: 480#		20#		no choke		
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.	
	Size Number	Feet	Inches	Feet	Inches	Water	Oil
Pretest:							
Test:							
Test:	200	4950	1' 9 3/4"	36.28	7' 1 3/4"	142.92	Trace 106.64

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 Temp.
			In. Water In. Merc. Psig or (Pd)	(hw) or (hd)	Gas (Gg)	(t)
Orifice Meter	SEP 13 1988					
Critical Flow Prover		NO	gas sales			
Orifice Well Tester	CONSERVATION DIVISION Wichita, Kansas					

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: 106.64	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 7th day of September 1988

For Offset Operator: *Stephen J. Phillips* For State  
 For Company: *James A. Smith* For Company  
 Form C-5 (5/88)

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 \_\_\_\_\_

\_\_\_\_\_

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WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET