15-165-21558-00-00

NP

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR James Isern LOCATION OF WELL SE SE SW

LEASE Miller OF SEC. 36 T 19S R 16W

WELL NO. 1 COUNTY Rush

FIELD Wildcat PRODUCING FORMATION Arbuckle

Date Taken 6-13 & 14-91 Date Effective

Well Depth 3840' Top Prod. Form Arbuckle Perfs 3724-3730

Casing: Size 5 1/2 Wt. J-55 Depth 3838'

Tubing: Size 2 3/8" Depth of Perfs Gravity 43.5

Pump: Type Double Valve Bore 2" Purchaser Clear Creek

Well Status Pumping
Pumping, flowing, etc.

TEST DATA

Permanent ____ Field ✓ Special ____

Flowing ____ Swabbing ____ Pumping ✓

STATUS BEFORE TEST:

PRODUCED na HOURS

SHUT IN na HOURS

DURATION OF TEST 24 HOURS ____ MINUTES ____ SECONDS

GAUGES: WATER ____ INCHES 43.5 PERCENTAGE

OIL ____ INCHES 56.5 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 38.41

WATER PRODUCTION RATE (BARRELS PER DAY) 16.7

OIL PRODUCTION RATE (BARRELS PER DAY) 21.71 PRODUCTIVITY

STROKES PER MINUTE 7

LENGTH OF STROKE 48 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Mail Copy to operator

St. 604 Petroleum Bldg.

WITNESSES:

Duane Rankin FOR STATE

Edwin Hemken FOR OPERATOR

FOR OFFSET

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

Conservation Division — Form C-5 Revised

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 6-13-91 Time 9 00 Am Ending Date 6-14-91 Time 9 00 Am 24

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:	200	9421	2	7	51.77	3	8	73.48	16.7	21.71
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. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In.Water	In.Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

RECEIVED
STATE CORPORATION COMMISSION
JUN 27 1991
CONSERVATION DIVISION
Wichita, Kansas

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor(Fd)

Gas Prod. MCFD Flow Rate (R): 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 _____ day of _____ 19____

For Offset Operator For State For Company