

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

15-171-20542-0000

OPERATOR Abercrombie Energy LLC LOCATION OF WELL NE SW
 LEASE Schwalter OF SEC. 12 T 18 R 32 W
 WELL NO. 3-12 COUNTY Scott
 FIELD _____ PRODUCING FORMATION Johnson
 Date Taken _____ Date Effective _____
 Well Depth 4683 Top Prod. Form 4525 Perfs 4548-52
 Casing: Size 5 1/2 Wt. 14# Depth 4682 Acid 1000 G21
 Tubing: Size 2 3/8 Depth of Perfs 4595-98 Gravity _____
 Pump: Type Insert Bore 1 1/2" Purchaser EOT
 Well Status Pumping
Pumping, flowing, etc.

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN _____ HOURS

DURATION OF TEST _____ HOURS 10 MINUTES 0 SECONDS

GAUGES: WATER _____ INCHES _____ PERCENTAGE

OIL _____ INCHES _____ PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 144

WATER PRODUCTION RATE (BARRELS PER DAY) _____

OIL PRODUCTION RATE (BARRELS PER DAY) 144 PRODUCTIVITY

STROKES PER MINUTE 12

LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

[Signature]
FOR STATE

[Signature]
FOR OPERATOR

[Signature]

RECEIVED FOR OFFSET
STATE CORPORATION COMMISSION

'APR 12 2000

CONSERVATION DIVISION
Topeka 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: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date Time Ending Date Time Duration Hrs.

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	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-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								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (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 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