

AP

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: _____

Company: Advantage Resources Lease: W.E. Keller Well No.: 1

County: Kiowa Location: 750' ENL 1000'FWL Section: 24 Township: 28S - 18W Range: Acres: 160

Field: N/A Reservoir: Mississippi Pipeline Connection: None

Completion Date: 11-19-92 Type Completion(Describe): Plug Back T.D. 4867 Packer Set At: None

Production Method: Flowing X Pumping Gas Lift Type Fluid Production: Oil API Gravity of Liquid/Oil: 35°

Casing Size: 4 1/2" Weight: 10.5 I.D.: 3.927 Set At: 4920 Perforations: 4844 To: 4854

Tubing Size: 2 3/8" Weight: 4.7 I.D.: 1.995 Set At: 4757 Perforations: To

Pretest: Starting Date: 1-27-93 Time: 8:00 AM Ending Date: 2-8-93 Time: 8:00 AM Duration Hrs.: 216

Test: Starting Date: 2-8-93 Time: 8:00 AM Ending Date: 2-9-93 Time: 8:00 AM Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size			
Casing:	875	Tubing:	460		130	14/64"			
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	210 NA								
Test:	210	2'	6.0"	50.1	5'	5.0"	108.55		58.45
Test:	200 NA	4'	3.0"	85.17	5'	3.0"	105.21	20.04	

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	2"	.5"			43			60°
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)	Demand Factor (Fpv)	Chart Factor (Fd)
4.388	57.4	—	1.046	1	1	1

Gas Prod. MCFD: 264 Oil Prod. Bbls./Day: 58.45 Gas/Oil Ratio (GOR) = 4.517 Cubic Ft. per Ebl.

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 26th day of February 1993

For Offset Operator

For State

For Company

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Advantage Resources, Inc. LOCATION OF WELL 750' FNL & 1,000' FWL
 LEASE W.E. Keller OF SEC. 24 T 28S R 18W
 WELL NO. #1 COUNTY Kiowa
 FIELD N/A PRODUCING FORMATION Mississippi
 Date Taken 2-8-93 Date Effective _____
 Well Depth 4867 Top Prod. Form 4844 Perfs 4844-4854
 Casing: Size 4 1/2" Wt. 10.5 Depth 4920 Acid 1,000 Gal
 Tubing: Size 2 3/8" Depth of Perfs _____ Gravity _____
 Pump: Type None Bore None Purchaser Texaco
 Well Status Flowing
Pumping, flowing, etc.

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED _____ HOURS
 SHUT IN _____ HOURS
 DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS
 GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 78
 WATER PRODUCTION RATE (BARRELS PER DAY) 20
 OIL PRODUCTION RATE (BARRELS PER DAY) 58 PRODUCTIVITY
 STROKES PER MINUTE _____
 LENGTH OF STROKE _____ INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
 COMMENTS _____

WITNESSES:

FOR STATE


FOR OPERATOR

FOR OFFSET