

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-191-22247-00-00  
**CONFIDENTIAL**

Form C-5 Revised

Conservation Division

TYPE TEST: Initial  Annual  Workover  Reclassification  TEST DATE: 11-9-94

Company: Union Valley Lease: Alvin Well No.: 3

County: Sumner Location: C-SE-SE Section: 7 Township: 35 Range: 3W Acres:

Field: West Caldwell Reservoir: MISS Pipeline Connection: Total-Western Base.

Completion Date: 11-1-94 Type Completion(Describe): Plug Back T.D. Packer Set At:

Production Method: Flowing  Pumping  Gas Lift  Type Fluid Production: Water-Oil API Gravity of Liquid/Oil:

Casing Size: 5 1/2" Weight: 17# I.D.: Set At: Perforations: To: 4610 - 4766.

Tubing Size: Weight: I.D.: Set At: Perforations: To:

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 11-9-94 Time 1000 Ending Date 11-10-94 Time 1000 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure		Choke Size					
Casing:	Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
1.6	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:									
Test:	210	405198	1' 4"		8'	10"		424	105
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	2	1.250			58	21		
Critical Flow Prover								
Orifice Well Tester								

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)
8.329						

Gas Prod. MCFD: 325 MCF Oil Prod. Bbls./Day: 105 Gas/Oil Ratio (GOR) = 3095-1 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 10 day of 1994

For Offset Operator: For State: For Company: