

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-095-00804-00-00

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual X Workover Reclassification TEST DATE: 8-13-87

Company: Petroleum, Inc. Lease: Westerman "C" Well No.: 1

County: Kingman Location: SE SE SE 19 Township: 30S Range: 9W Acres: 40

Field: Spivey Grabs Reservoir: Mississippi Pipeline Connection: Permian(oil) Peoples (gas)

Completion Date: 12-57, 12-75 Type Completion(Describe): Single Plug Back T.D.: 4423.5 Packer Set At: None

Production Method: Flowing Pumping X Gas Lift Type Fluid Production: Oil & water API Gravity of Liquid/Oil: 31.8

Casing Size: 4-1/2" Weight: 11.6 I.D.: Set At Perforations: To 4400-04

Tubing Size: 2-3/8" Weight: 4.7 I.D.: Set At Perforations: To 4391

Pretest: Starting Date 8-12-87 Time 8:00 a.m. Ending Date 8-13-87 Time 8:00 a.m. Duration Hrs.: 24

Test: Starting Date 8-13-87 Time 8:00 a.m. Ending Date 8-14-87 Time 8:00 a.m. Duration Hrs.: 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size			
Casing: 45# Tubing: 50#		40#							
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.			
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	250 15174	11	6	230.46	11	9-3/4	236.72	140	6.26
Test:	250 15174	11	9-3/4	236.77	12	1-1/2	242.99	140	6.22
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter range					
Pipe Taps:	Flange Taps: X	Differential:		Static Pressure:			
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester In. Water	Pressure (Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	4"	1.250		11.6#	12"	.701	60°
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coef. (Fb)(Fp)(CWTC)	Meter-Prover Press. (Psia) (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
6.186	26	17.664	1.194	1.000	---	---

Gas Prod. MCFD: 130.468 Oil Prod. Bbls./Day: 6.22 Gas/Oil Ratio (GOR) = 20,976 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 25th day of Nov. 1987

For Offset Operator: [Signature] For State: [Signature] For Company: Jerry Naylor

CKD. [Signature] APP. [Signature] DATE NOV 25 1987