

TYPE TEST: Initial Annual <sup>X</sup> Workover Reclassification TEST DATE:

Company: Pickrell Drilling Company, Inc. Lease: Kopf 2"D" 15-095-21410-00-00 Well No.: 2

County: Kingman Location: 200' SW of C NW SW Section: 13 Township: 30S Range: 7W Acres:

Field: Basil Reservoir: Mississippi Pipeline Connection: None

Completion Date: 12/21/83 Type Completion(Describe): Single Plug Back T.D.: 4176' Packer Set: --

Production Method: Type Fluid Production: Oil & Water API Gravity of Liquid/Oil: 40

Flowing Pumping ~~XX~~ Gas Lift Casing Size: 4 1/2" OD Weight: 10.5# I.D.: Set At: 4197' Perforations: 4124 To: 4134

Tubing Size: 2 3/8" OD Weight: 4.7# I.D.: Set At: 4145' Perforations: Open ended To:

Pretest: Starting Date: 8/28/88 Time: 8:30 a.m. Ending Date: 8/29/88 Time: 8:30 a.m. Duration: 24

Test: Starting Date: 8/29/88 Time: 8:30 a.m. Ending Date: 8/30/88 Time: 8:30 a.m. Duration: 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:	250 126500	4	3	84.86	4	7	91.54	16	6.68
Test:	250 126500	4	7	91.54	4	10	96.55	16	5.01
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range					
Pipe Taps:	Flange Taps:	X	Differential:	50"	Static Pressure:	50#			
Measuring Device	Run- <del>Size</del> Size	Orifice Size	Meter- <del>Pressure</del> Pressure	In.Water	In.Merc.	Psig	Diff. Press. (hw)	Gravity Gas (Gg)	Flowing Temp. (°F)
Orifice Meter	4	.5				155	1	.727	60°F
Critical Flow Prover									
Orifice Well Tester									

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)	Meter- <del>Press.</del> Press. (Psia)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. (Ft)	Deviation Factor (Fpv)	Chart Factor (F)
1.212	169.65	13.029	1.173	1.000	1.000	1.000

Gas Prod. MCFD: 19 Oil Prod. Bbls./Day: 5 Gas/Oil Ratio (GOR) - 3800 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 8th day of September 1988

*Handwritten signature*

For Offset Operator

For State

For Company

NOTE -- Meter is 50" x 50# but readings have been compensated, therefore, chart factor is 1.000