

TYPE TEST: Initial Annual <sup>X</sup> Workover Reclassification TEST DATE: 5-31-84

Company Pickrell Drilling Company Lease Kopf 'D' Well No. 2

County Kingman Location 200' SW of C NW SW Section 13 Township 30S Range 7W Acres 40

Field Spivey Grabs Basil Reservoir Mississippian Pipeline Connection KGS

Completion Date 12-21-83 Type Completion(Describe) Single Plug Back T.D. 4176 Packer Set A --

Production Method: Type Fluid Production Oil, water, gas API Gravity of Liquid/Oil 38.4

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

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

Pretest: Starting Date 3-23-84 Time 8:00 a.m. Ending Date 3-24-84 Time 8:00 a.m. Duration Hr 24  
 Test: Starting Date 3-24-84 Time 8:00 a.m. Ending Date 3-25-84 Time 8:00 a.m. Duration Hr 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size				
Casing: 220 psi	Tubing: 220 psi								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	200 126500	1	6		2	0		?	10.00
Test:	200 126500	2	0		2	6		18.34	10.00
Test:									

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps: X		Differential: 50			Static Pressure: 1000		
Measuring Device	Run- <del>Size</del> Size	Orifice Size	Meter- <del>Pressure</del> Pressure			Diff. Press. (hw)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3"	0.500	In.Water	In.Merc.	Psig	(hw)	(Gg)	(t)
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. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (F)
1.214	214.4	20.70	1.169	1.000	1.028	1.000

Gas Prod. MCFD 30 Oil Prod. Bbls./Day: 10 Gas/Oil Ratio (GOR) = 3000 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 28th day of June 19 84

For Offset Operator For State For Company