

PRODUCTION TEST & GOR REPORT

15-095-21410-00-00 Form C-5 Rev

Observation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: July 25, 1985

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

Field Basil Reservoir Miss Pipeline Connection None

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

Production Method: Flowing Pumping Gas Lift Type Fluid Production Oil, water API Gravity of Liquid/G 40

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 7-23-85 Time 8:00 a.m. Ending Date 7-24-85 Time 8:00 a.m. Duration 24

Test: Starting Date 7-24-85 Time 8:00 a.m. Ending Date 7-25-85 Time 8:00 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	3	10	76.70	4	0	80.04	10.01	3.34
Test:	250	126500	4	0	80.04	4	2	83.38	10.01	3.34
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	X	Differential:		50	Static Pressure:	100	
Measuring Device	Run- Size Orifice Size	Meter- Pressure Pressure	In.Water	In.Merc.	Psig	Diff. Press. (hw)	Gravity Gas (Gg)	Flowing Temp.
Orifice Meter	3"	.500			110	1	.722	60°
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)	Meter- Press. Press.(Psia)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor
1.214	124.4	11.15	1.177	1.000	1.000	1.000

Gas Prod. MCFD 16 Oil Prod. Bbls./Day: 3 Gas/Oil Ratio (GOR) = 5333 Cubic per B

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 23rd day of August 1985

For Offset Operator

For State

For Company

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