

Conservation Division

TYPE TEST: Initial Annual X Workover Reclassification TEST DATE:

Company Pickrell Drilling Company Lease Kopf 'D' Well No. 1

County Kingman Location C SW SW Section 13 Township 30S Range 7W Acres

Field Basil Reservoir Miss Pipeline Connection KGS

Completion Date 11-14-82 Type Completion(Describe) Single Plug Back T.D. 4138.5 Packer Set At ---

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

Casing Size 4 1/2" OD Weight 10.5# I.D. Set At 4148' Perforations To 4129 4135

Tubing Size 2 3/8" OD Weight 4.7# I.D. Set At 4133' Perforations To

Pretest: Starting Date 7-28-86 Time 9:30 a.m. Ending Date 7-29-86 Time 9:30 a.m. Duration Hrs. 24 hrs

Test: Starting Date 7-29-86 Time 9:30 a.m. Ending Date 7-30-86 Time 9:30 a.m. Duration Hrs. 24 hrs

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:	200	126501	1	7	32.96	2	6	50.10	44.00	18.34
Test:	200	126501	2	6	50.10	3	4 1/2	67.64	44.00	17.54
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections				Orifice Meter Range					
Pipe Taps:	X	Flange Taps:	Differential:	50	Static Pressure:	1000			
Measuring Device	Run- XXXX	Orifice Size	Meter- XXXX	In.Water	In.Merc.	Psig	Diff. Press. (hw)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	.5				110	2.5	.722	60°
Critical Flow Prover									
Orifice Well Tester									

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)	Meter- XXXX Press.(Psia)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
1.214	124.4	17.635	1.177	1.000	1.000	1.000

Gas Prod. MCFD 25 Oil Prod. Bbls./Day: 18 Gas/Oil Ratio (GOR) 1389 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 12 day of August 1986

For Offset Operator

For State

For Company

[Handwritten signatures and initials]

Inservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

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/Oil 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 7-26-86 Time 9:00 a.m. Ending Date 7-27-86 Time 9:00 a.m. Duration Hr 24

Test: Starting Date 7-27-86 Time 9:00 a.m. Ending Date 7-28-86 Time 9:00 a.m. Duration Hr 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing:	Tubing:		Starting Gauge			Ending Gauge			Net Prod. Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:	250	126501	1	3	26.28	1	5	29.62	9.00	3.34
Test:	250	126501	1	5	29.62	1	7	32.96	9.00	3.34
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: Differential: 50 Static Pressure: 1000

Measuring Device	Run- Down Flange Size	Orifice Size	Meter- Pressure In.Water	Meter- Pressure In.Merc.	Pressure Psig	Diff. Press. (hw)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	.5			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 (F)
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 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 12 day of August 1986

For Offset Operator [Signature] For State [Signature] For Company [Signature]