

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-095-21416-0000

Conservation Division

Form C-5 Revised

TYPE TEST: Initial Annual X 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 At: ---

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

Flowing Pumping X Gas Lift Oil Water

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 7-25-95 Time 9:00 am Ending Date 7-26-95 Time 9:00 am Duration Hrs. 24

Test: Starting Date 7-26-95 Time 9:00 am Ending Date 7-27-95 Time 9:00 am Duration Hrs. 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:	200	126501	5	1	101.87	5	2 1/2	104.37	18	2.50
Test:	200	126501	5	2 1/2	104.37	5	4	106.88	18	2.51
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections		Orifice Meter Range			Static Pressure:	
Pipe Taps:	Flange Taps:	X	Differential:	50	1000	
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure In.Water In.Merc. Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3	0.375			80	60
Critical Flow Prover						
Orifice Well Tester						

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press.(Pa)(Pm)	Extension √hw x Pm	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
0.6848	94.65	9.729	1.149	1.000	1.000	1.000

Gas Prod. MCFD: 8 Oil Prod. Bbls./Day: 3 Gas/Oil Ratio (GOR) - 2666 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 18th day of August 19 95

For Offset Operator

For State

For Company

NOTE: Meter is 50" x 50" but readings have been compensated, therefore, Chart factor is 1.000.