

PRODUCTION TEST & COR REPORT

15-095-21410-000 Form C-5 Rev. 1

Conservation Division

TYPE TEST: (Initial) Annual ^x 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 ---

Production Method: Flowing Pumping XX Gas Lift Type Fluid Production Oil, water, gas API Gravity of Liquid/Oil 38.4

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

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- Down Flange Size	Orifice Size	Meter- Range Pressure	In. Water	In. Merc.	Paig (in. H₂O)	Diff. Press. (hw) (in. H₂O)	Gravity Gas (Gg)	Flowing Temp. (°F)
Orifice Meter	3"	0.500				200	2"	0.7320	60° F
Critical Flow Prover									
Orifice Well Tester									

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb) (MCFD)	Meter- Range Press. (Psia) (Psia)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor
1.214	214.4	20.70	1.169	1.000	1.028	1.000

Gas Prod. MCFD Flow Rate (R): 30 Oil Prod. Bbls./Day: 10 Gas/Oil Ratio (GOR): 3000 Cubic per Bb

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 *[Signature]* For Company *[Signature]*

JUL 11 1984

STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas