

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-179-20991-00-00

Conservation Division

Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 3-19-91

Company Landmark Oil Expl Lease Hansen Well No. 1-33

County Sheridan Location ne ne ne Section 33 Township 8 Range 26W Acres

Field Studley South Reservoir LKC Pipeline Connection Koch

Completion Date 2-21-91 Type Completion (Describe) 3962 Plug Back T.D. Packer Set At

Production Method: SPM 10/2LS 64 Type Fluid Production oil API Gravity of Liquid/Oil 40 c 60

Flowing (Pumping) Gas Lift oil

Casing Size <u>5 1/2</u>	Weight	I.D.	Set At <u>3962</u>	Perforations <u>3866-70</u>	To <u>3828-32</u>
Tubing Size <u>2 7/8</u>	Weight	I.D.	Set At <u>3913</u>	Perforations <u>3779-83</u>	To

Pretest: Starting Date 3-18-91 Time 1:30 PM Ending Date 3-19-91 Time 1:30 PM Duration Hrs. 24

Test: Starting Date 3-18-91 Time 1:30 PM Ending Date 3-19-91 Time 1:30 PM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Casing:	Tubing:	Producing Wellhead Pressure			Separator Pressure			Choke Size		
		Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water
Pretest:		H2O	4	6		7	1		52	
Test:		144885	6	5 1/2		9	5			59
Test:		144884	1	5		7	1 1/2			115

GAS PRODUCTION OBSERVED DATA

TOTAL 174

Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover-Tester Pressure			Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (Pd)			
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)	Extension (Pm)	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = 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 19 day of March 1991

For Offset Operator: Mawin L. Miller For State: Mark Schippers For Company:

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