

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-109-20503-0000 N

Special Test  
 Conservation Division

Form C-5 Revised

TEST DATE: 7-17-92

TYPE TEST: Initial Annual Workover Reclassification Lease

Company: Landmark Oil Expl. Nallette Well No. 2-4

County: Logan Location: SW SW SE Section: 4 Township: 11 Range: 33W Acres:

Field: Cook NW Reservoir: LKC-J, Johnson Pipeline Connection: Koch

Completion Date: 4-16-91 Type Completion(Describe): 4744 Plug Back T.D.: 4752 Packer Set At:

Production Method: 5PM-10 1/2 LS-64 Type Fluid Production: oil API Gravity of Liquid/Oil: 38

Flowing (Pumping) Gas Lift: 012

Casing Size	Weight	I.D.	Set At	Perforations	To
5 1/2			4744	4294 - 99	
Tubing Size	Weight	I.D.	Set At	Perforations	To
2 7/8			4713	4632 - 38	

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 2-16-92 Time 2:30 pm Ending Date 2-17-92 Time 2:30 pm 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:							
1.67/in Test:	200 144897	3 0	8 4			107	
1.67/in Test:	200 1420	2 11	4 6	32			

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range			
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:			
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. MCFD (Fb)(Fp)(CWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	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 17th day of March 1992

For Offset Operator: *Martin Miller* For State: *Marshall Tucker* For Company: