

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial)	Annual	Workover	Reclassification	TEST DATE:
Company	Lease			Well No.
Sterling Drilling Company	Beck			1-9
County	Location	Section	Township	Range
Reno	C-SE-SE-SE	9	25S	9W
Field	Reservoir	Pipeline Connection		
Langdon	Mississippian	yes (Gas) MPI Gathering		
Completion Date	Type Completion (Describe)	Plug Back T.D.	Packer Set At	
9-5-92	Single (Acid/Frac)		None	
Production Method:	Type Fluid Production	API Gravity of Liquid/Oil		
Flowing Pumping Gas Lift	Oil/ H ₂ O	34		
Casing Size	Weight	I.D.	Set At	Perforations To
5 1/2	14		4026	3860 - 3874
Tubing Size	Weight	I.D.	Set At	Perforations To
2 7/8			3817	S.N.

Pretest:	Duration Hrs.		
Starting Date	Time	Ending Date	Time
Test:	Duration Hrs.		
Starting Date	Time	Ending Date	Time
3-3-93	11:00 a.m	3-4-93	11:00 a.m.

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:										
Test:										
Test:	200	27776	8	6	170.16	9	3	185.17	177	15.01

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Ripe Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter In.	Prover In.	Tester Pressure Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter	3"	1"			113.6	20	.7034	50
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fpd)
4.912	128	50.60	1.1923	1.01	1	---

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.
Flow Rate (R): 299 MCFD Bbls./Day: 15.01 (GOR) = 19,920 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 4th day of March 19 93

For Offset Operator

For State

For Company

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

120

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Sterling Drilling Company LOCATION OF WELL C-SE-SE-SE
 LEASE Beck OF SEC. 9 T 25S R 9W
 WELL NO. 1-9 COUNTY Reno
 FIELD Langdon PRODUCING FORMATION Mississippian
 Date Taken _____ Date Effective _____
 Well Depth 4026' Top Prod. Form 3857' Perfs 3860'-3874'
 Casing: Size 5 1/2 Wt. 14 Depth 4026' Acid 1200 Gal FE/HF
 Tubing: Size 2 7/8 Depth of Perfs SN Gravity 34
 Pump: Type 2 1/2 x 1 1/2 x 12' BHD Bore 1 1/2 Purchaser Texaco
 Well Status Pumping
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping X

STATUS BEFORE TEST:

PRODUCED 168 HOURS
 SHUT IN -0- HOURS
 DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS
 GAUGES: WATER _____ INCHES 92.2% PERCENTAGE
 OIL _____ INCHES 7.8% PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 15 BOPD
 WATER PRODUCTION RATE (BARRELS PER DAY) 177
 OIL PRODUCTION RATE (BARRELS PER DAY) _____ PRODUCTIVITY
 STROKES PER MINUTE 10
 LENGTH OF STROKE 86 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
 COMMENTS Water Gauged by Halliburton Water Flow Meter.

WITNESSES:

[Signature] FOR STATE [Signature] FOR OPERATOR _____ FOR OFFSET