

KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM G-1
8-7-58

TYPE TEST: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		TEST DATE: 7/15/2003			
COMPANY Starlite Oil		LEASE Koehn		WELL NO. 1	
COUNTY Greeley	LOCATION 500'fml 3900'fe	SECTION	TWP	RNG	ACRES
FIELD Morrow	RESERVOIR	PIPELINE CONNECTION			
COMPLETION DATE	PLUG BACK DEPTH	PACKER SET AT			
	TOTAL DEPTH	5240			
CASING SIZE	WT.	ID	SET AT	PERF.	TO
5.500	15.500	4.950	5200	5110	5120
TUBING SIZE	WT.	ID	SET AT	PERF.	TO
2.875	6.450	1.995	5076		
TYPE COMPLETION (Describe) natural			TYPE FLUID PRODUCTION water		
PRODUCING THRU (Annulus/Tubing) tubing			RESERVOIR TEMPERATURE F		BAR PRESS - Pa 14.4 psia
GAS GRAVITY - Gg .847	% CARBON DIOXIDE .555	% NITROGEN 57.580		API GRAVITY OF LIQUID	
VERTICAL DEPTH (H) 5115	TYPE METER CONN.		PROVER SIZE 2"		
REMARKS					

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(PROVER) PRESSURE psig	DIFF. (h _w) (h _t)	FLOWING TEMP. t.	WELLHEAD TEMP. t.	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w) (P _t) (P _c) psia	psig	(P _w) (P _t) (P _c) psia		
SHUT-IN						878	891	917	930		
1.	.500	114.00		101		847	860	764	777	1.00	
2.	.750	125.60		96		784	798	506	519	1.00	
3.	1.250	47.50		87		741	754	365	378	1.00	
4.	1.250	52.60		86		720	734	291	304	1.00	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _p) Mcfd	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR Fg	FLOWING TEMP FACTOR Ft	DEVIATION FACTOR Fpv	RATE OF FLOW Q Mcfd	GOR	G _m
1.	4.388	127.4	127.40	1.0866	.9628	1.0054	587		.847
2.	9.694	139.0	139.00	1.0866	.9671	1.0061	1424		.847
3.	28.340	60.9	60.90	1.0866	.9750	1.0029	1833		.847
4.	28.340	66.0	66.00	1.0866	.9759	1.0031	1989		.847

PRESSURE CALCULATION

RATE NO.	P _t psia	P _c psia	P _w psia	(P _c) ² Thousands	(P _w) ² Thousands	PLOTTING POINTS		% SHUT-IN 100 $\left[\frac{P_w - P_a}{P_c - P_a} \right]$
						(P _c) ² - (P _w) ² Thousands	Q Mcfd	
1.	777.4	930.4	860.5	865.6	740.5	125.2	588.0	92.4
2.	519.4	930.4	798.0	865.6	636.8	228.8	1424.6	85.6
3.	378.4	930.4	754.9	865.6	569.9	295.8	1833.7	80.9
4.	304.4	930.4	734.1	865.6	538.9	326.7	1989.6	78.6

INDICATED WELLHEAD OPEN FLOW

7462

Mcfd @ 14.65 psia

"n" = 1.303

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 herein and that said report is true and correct. Executed this the _____ day of _____, 20 _____

Witness (if any)

For Company

For Commission

Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER: Trilobite Testing
TEST DATE: 7/15/2003

