

KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST

FORM G-1
8-7-58

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 7/26/01	
COMPANY Mai Oil Operations		LEASE Taylor Investments	
COUNTY Pratt		WELL NO. 1	
LOCATION 330 FWL 500FSL	SECTION 36 29s 14w	TWP RNG	ACRES
FIELD Clara	RESERVOIR Viola	PIPELINE CONNECTION Oneok	
COMPLETION DATE	PLUG BACK DEPTH TOTAL DEPTH 4530	PACKER SET AT	
CASING SIZE 5.500	WT. 14.000	ID 5.012	SET AT 4529
TUBING SIZE 2.875	WT. 6.500	ID 2.441	SET AT 4391
TYPE COMPLETION (Describe)		TYPE FLUID PRODUCTION	
PRODUCING THRU (Annulus/Tubing) tubing		RESERVOIR TEMPERATURE F BAR PRESS - Pa 14.4 psia	
GAS GRAVITY - Gg .600		% CARBON DIOXIDE % NITROGEN API GRAVITY OF LIQUID	
VERTICAL DEPTH (H) 4429		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								893	907		
1.	.500	142.00		62				875	889	1.00	
2.	.675	115.00		88				848	862	1.00	
3.	.750	147.00		76				792	806	1.00	
4.	.750	230.00		74				706	720	1.00	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _p) Mcfd	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times H_w}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	G _m
1.	4.388	156.4	156.40	1.2910	.9981	1.0126	895		.600
2.	6.638	129.4	129.40	1.2910	.9741	1.0088	1089		.600
3.	9.694	161.4	161.40	1.2910	.9850	1.0119	2013		.600
4.	9.694	244.4	244.40	1.2910	.9868	1.0183	3073		.600

PRESSURE CALCULATION

RATE NO.	P _t psia	P _c psia	P _w psia	(P _c) ² Thousands	(P _w) ² Thousands	PLOTING 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.	889.4	907.4	891.4	823.4	794.7	28.7	895.4	98.2
2.	862.4	907.4	865.5	823.4	749.0	74.3	1089.7	95.3
3.	806.4	907.4	817.3	823.4	667.9	155.5	2013.2	89.9
4.	720.4	907.4	748.5	823.4	560.3	263.1	3073.7	82.2

INDICATED WELLHEAD OPEN FLOW

7868

Mcfd @ 14.65 psia

"n" = .821

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)

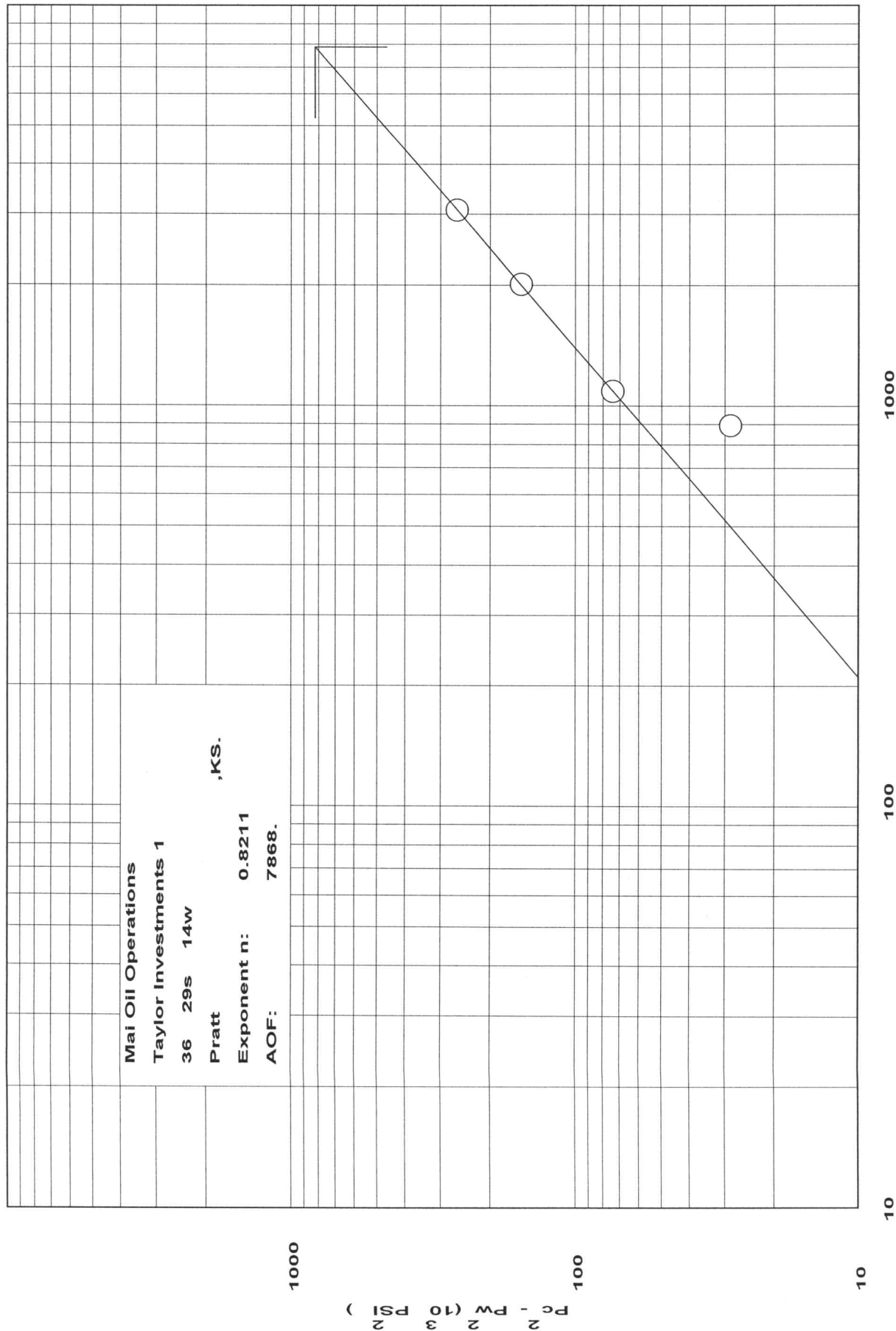
For Company

For Commission

Checked by

WELL TESTER: Trilobite Testing
 TEST DATE: 7/26/01

GAS WELL BACK PRESSURE CURVE



Mal Oil Operations
 Taylor Investments 1
 36 29s 14w
 Pratt
 Exponent n: 0.8211
 AOF: 7868.
 ,KS.

KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TESTFORM G-1
8-7-58

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 7/26/01	
COMPANY: Mai Oil Operations		LEASE: Taylor Investments	
WELL NO.: 1			
COUNTY: Pratt	LOCATION: 330 FWL 500FSL	SECTION: 38	TWP: 29e 14w
FIELD: Clara	RESERVOIR: Viola	PIPELINE CONNECTION: Oneok	
COMPLETION DATE: 10-06-93	PLUG BACK DEPTH: 4450	PACKER SET AT: 4395	
CASING SIZE: 5.500	WT.: 14.000	ID: 5.012	SET AT: 4529
TUBING SIZE: 2.875	WT.: 8.500	ID: 2.441	SET AT: 4391
TYPE COMPLETION (Describe):		TYPE FLUID PRODUCTION:	
PRODUCING THRU (Annulus/Tubing): tubing		RESERVOIR TEMPERATURE F: 14.4 psia	
GAS GRAVITY - Gg: .741	% CARBON DIOXIDE: .137	% NITROGEN: 22.843	API GRAVITY OF LIQUID: 2"
VERTICAL DEPTH (M): 4429	TYPE METER CONF.:		PROVER SIZE: 2"
REMARKS:			

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(PROVER) PRESSURE psig	DIFF. (h _w) (ft)	FLOWING TEMP. °F	WELLHEAD TEMP. °F	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DURATION HOURS	LIQUID PROD. Bbls.
						psig	(P _w) (P _c) (P _o) psia	psig	(P _w) (P _c) (P _o) psia		
SHUT-IN											
1.	.500	142.00		82				893	907	1.00	
2.	.675	115.00		88				848	862	1.00	
3.	.750	147.00		78				792	806	1.00	
4.	.750	230.00		74				706	720	1.00	

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _p) Mcfd	(PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m \times 17}$	GRAVITY FACTOR F _g	FLOWING TEMP FACTOR F _t	DEVIATION FACTOR F _{pv}	RATE OF FLOW Q Mcfd	GOR	G _m
1.	4.388	158.4	158.40	1.1817	.9981	1.0126	805		.741
2.	8.638	129.4	129.40	1.1817	.9741	1.0088	980		.741
3.	8.694	181.4	181.40	1.1817	.8850	1.0119	1811		.741
4.	8.694	244.4	244.40	1.1817	.8888	1.0183	2788		.741

PRESSURE CALCULATION

RATE NO.	P _t psia	P _c psia	P _w psia	(P _o) ² Thousands	(P _w) ² Thousands	PLOTING POINTS		100 $\left[\frac{P_w - P_a}{P_o - P_a} \right]$
						(P _o) ² - (P _w) ² Thousands	Q Mcfd	
1.	889.4	907.4	891.9	823.4	796.4	27.9	805.7	98.3
2.	882.4	907.4	886.1	823.4	750.2	73.2	980.6	95.4
3.	806.4	907.4	819.4	823.4	671.5	151.9	1811.6	90.1
4.	720.4	907.4	753.7	823.4	588.1	256.3	2786.8	82.8

INDICATED WELLHEAD OPEN FLOW

7340

Mcfd @ 14.65 psia

"c" = 831

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

Witness (if any)

For Company

For Commission

Checked by

API # 15-151-22105-0000