

**KANSAS CORPORATION COMMISSION
MULTIPOINT BACK PRESSURE TEST**

FORM G-1
8-7-58

TYPE TEST: ☒ Initial ☐ Annual ☐ Special		TEST DATE: 3/26/2001	
COMPANY Becker Oil Corp.		LEASE Eberly	
WELL NO. 4			
COUNTY Barton	LOCATION SW SW SE	SECTION 14	TWP 19s 15w
RNG		ACRES 640	
FIELD chase		PIPELINE CONNECTION oneok	
COMPLETION DATE 2-22-2001		PLUG BACK DEPTH 2175	
TOTAL DEPTH 3459		PACKER SET AT	
CASING SIZE 4.500	WT. 10.500	ID 3459	SET AT 1756
PERF. 1879		TO	
TUBING SIZE 2.375	WT. 4.700	ID 1.995	SET AT 1753
PERF.		TO	
TYPE COMPLETION (Describe) acid-perf		TYPE FLUID PRODUCTION water	
PRODUCING THRU (Annulus/Tubing) tubing		RESERVOIR TEMPERATURE F 90	
BAR PRESS - Pa 14.4 psia			
GAS GRAVITY - Gg .670		% CARBON DIOXIDE .110	
% NITROGEN 23.557		API GRAVITY OF LIQUID	
VERTICAL DEPTH (H) 1817		TYPE METER CONN. flange	
METER RUN SIZE 2.067			
REMARKS tubing loaded with water during 4th pt.			

OBSERVED SURFACE DATA

RATE NO.	ORIFICE SIZE in.	(METER) 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						380	394	380	394	72.00	
1.	.875	35.00	7.00	45		361	375	360	374	.50	
2.	.875	39.00	15.00	46		346	360	353	367	.50	
3.	.875	49.00	34.00	49		316	330	335	349	.50	
4.	.875	39.00	42.00	49		300	314	230	244	.50	.1

FLOW STREAM ATTRIBUTES

RATE NO.	COEFFICIENT (F _b) Mcfd	(METER) 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.	3.820	49.4	18.60	1.2217	1.0147	1.0032	88		.670
2.	3.820	53.4	28.30	1.2217	1.0137	1.0035	134		.670
3.	3.824	63.4	46.43	1.2217	1.0107	1.0043	220		.670
4.	3.820	53.4	47.36	1.2217	1.0107	1.0034	224	46696.1	.758

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.	374.4	394.4	375.4	155.6	140.9	14.6	88.3	95.0
2.	367.4	394.4	360.4	155.6	129.9	25.7	134.4	91.1
3.	349.4	394.4	330.4	155.6	109.2	46.4	220.2	83.2
4.	244.4	394.4	314.4	155.6	98.8	56.7	224.1	78.9

INDICATED WELLHEAD OPEN FLOW

569

Mcfd @ 14.65 psia

"n" =

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 28 day of March, 1901

Witness (if any)

For Company

For Commission

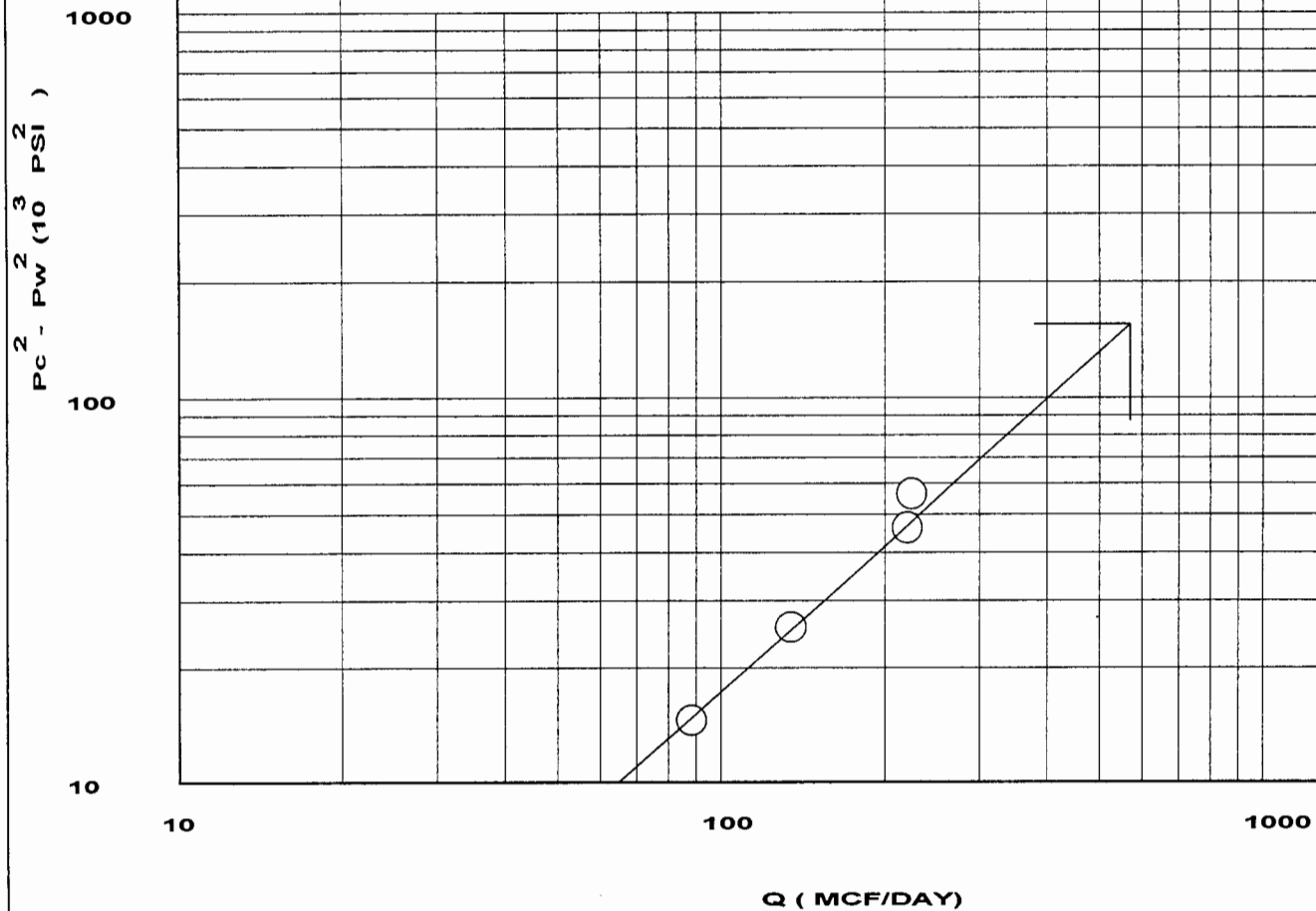
Checked by

GAS WELL BACK PRESSURE CURVE

WELL TESTER:

TEST DATE: 3/26/2001

Becker Oil Corp.
Eberly 4
14 19s 15w
Barton ,KS.
Exponent n: 0.7924
AOF: 569.



Becker Oil Corp.
 SW SW SE 14 19s 14w Barton
 Start Test Date: 2001/03/26

FieldNotes

Field Measurements

Eberly #4

		Clock	Casing	Tubing	Static1	Diff1	Meter1	Gas1
	Date	Time Comment	Pres	Pres	Pres	Pres	Temp	Rate
	yyyy/mm/d	hh:mm:ss	psi(g)	psi(g)	psi(g)	in of H2O	°F	MMCF/D
1	2001/03/26	09:15:00 shutin						
2		09:15:00	380.00	380.00	0.00	0.00	0.00	0.000
3		09:40:00 started test						
4		09:50:00	363.00	360.00	60.00	8.00	43.00	0.116
5		10:00:00	362.00	360.00	41.00	7.00	43.00	0.093
6		10:10:00 1st pt						
7		10:10:00	361.00	360.00	35.00	7.00	45.00	0.088
8		10:20:00	355.00	355.00	42.00	16.00	44.00	0.142
9		10:30:00	350.00	349.00	40.00	15.00	46.00	0.135
10		10:40:00 2nd pt						
11		10:40:00	346.00	348.00	39.00	15.00	46.00	0.134
12		10:50:00	338.00	338.00	46.00	32.00	46.00	0.208
13		11:00:00	322.00	335.00	49.00	34.00	46.00	0.220
14		11:10:00 3rd pt						
15		11:10:00	316.00	335.00	49.00	34.00	44.00	0.221
16		11:20:00	302.00	300.00	52.00	42.00	43.00	0.251
17		11:30:00	301.00	260.00	45.00	38.00	46.00	0.225
18		11:40:00 4th pt						
19		11:40:00	300.00	230.00	39.00	34.00	43.00	0.202
20	2001/03/27	12:40:00 1pt						
21		12:40:00	297.00	146.00	49.00	8.00	45.00	0.107

2001/03/26 09:15:00 To 2001/03/27 12:40:00
 Gas 0.016 Cum. 0.016 MMCF

[illegible]