

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122

UNIT : BDCDGU
 LEASE :
 WELL : 2133111K
 S/T/R : 11, 21, 33
 COUNTY: HARDING
 STATE : NEW MEXICO

TYPE TEST: 4 POINT
 : INITIAL
 TEST DATE: 2/25/94

COMPANY: AMOCO PRODUCTION COMPANY
 FIELD: BRAVO DOME POOL:
 COMPLETED 07-09-93 TD = 2474.
 CSG SIZE = 4.5000 WT = 4.56
 TBG SIZE = 0.0000 WT = 0.00
 TYPE COMPLETION: SINGLE
 PRODUCING THROUGH: OPENHOLE

CONNECTION: BRAVO DOME PLANT
 RESERVOIR: TUBB
 PBD = 2474. ELEV = 4890.
 SET AT 2305. PERF: 0.- 0.
 SET AT 0. PERF: 0.- 0.
 PACKER SET AT: 0.

RESERVOIR TEMP., F = 95. @ 2474. FT. BARO. PRESS = 12.20 PSIA
 MEAN GROUND TEMP., F = 50.

D	H	G	% CO2	% N2	% H2S	PROVER	M-RUN	TAPS
2474.	2474.	1.527	0.00	0.00	0.00	0.0	4.0	FLANGE

NO.	LINE SIZE	ORI. SIZE	FLOW PSIG	HW IN.	FLOW TEMP	TBG. PSIG	TBG. TEMP	CSG. PSIG	CSG. TEMP	FLOW HRS.
SI										
1	3.99 X	0.875	182.	24.0	51.	0.	0.	264.	50.	24.0
2	3.99 X	0.875	147.	132.0	54.	0.	0.	180.	51.	1.0
3	3.99 X	1.125	119.	74.0	57.	0.	0.	149.	54.	1.0
4	3.99 X	1.375	89.	42.0	58.	0.	0.	119.	57.	1.0
								88.	58.	1.0

NO.	COEFFICIENT (24 - HOUR)	SQRT. (HWPM)	PRESS. PM	T-FACTR F(T)	G-FACTR F(G)	SC-FACTR F(PV)	FLOW MCFD
1	3.63	68.27	194.2	1.0088	0.8092	1.0577	214.
2	3.63	144.96	159.2	1.0058	0.8092	1.0465	448.
3	6.03	98.53	131.2	1.0029	0.8092	1.0379	501.
4	9.07	65.20	101.2	1.0019	0.8092	1.0288	493.

NO.	P(R)	TEMP. R	T(R)	Z	GAS LIQ RATIO, MCF/BBL	
1	0.31	511.	0.79	0.894	API G OF HYDROCARBONS	0.000
2	0.25	514.	0.79	0.913	SP G SEPARATOR GAS	0.0
3	0.21	517.	0.80	0.928	SP G FLOWING FLUID	1.527 XXXXX
4	0.16	518.	0.80	0.945	CRITICAL PRES., PSIA	626. 626.
					CRITICAL TEMP., R	648. 648.

NO.	PT*PT	PW	PW*PW	PC*PC - PW*PW	
1	37.	192.	37.	39.	PC = 276.5
2	26.	161.	26.	50.	PC*PC = 76.
3	17.	131.	17.	59.	PC*PC/(PC*PC-PW*PW) = 1.2905
4	10.	100.	10.	66.	(PC*PC/(PC*PC-PW*PW))*N = 1.2905
					AOE (MCF/DAY) = 646.

CALC WH OPEN FLOW = 646. MCFD @ 15.025; SLOPE ANGLE = 45.0; N = 1.000

REMARKS:

AVERAGE HOURS PRODUCED/DAY: 24.00

APPROVED BY
 COMMISSION:

CONDUCTED BY:

CALCULATED BY:

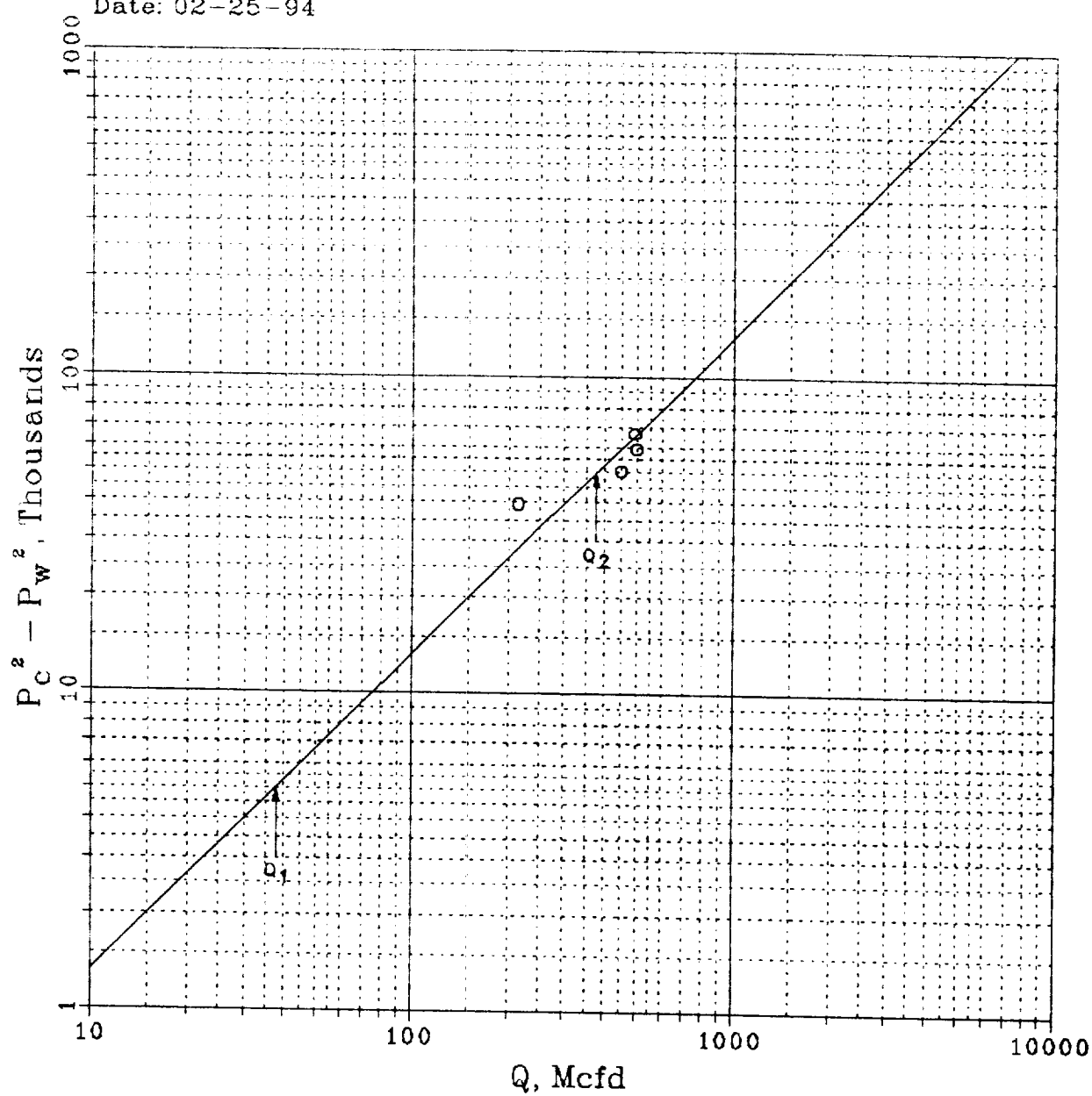
CHECKED BY:

Billy E. ...

[Signature]

GAS WELL BACK PRESSURE TEST

Company: Amoco Production Company
 Well: 2133111K
 Field/Pool: Bravo Dome
 County: Harding
 Date: 02-25-94



$Q_1 = 38. \text{ Mcfd}; \text{ LOG } Q_1 = 1.57626$
 $Q_2 = 377. \text{ Mcfd}; \text{ LOG } Q_2 = 2.57626$
 $n = 1.00000 = 1.000$