

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

Form C-122
Revised 9-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special				Test Date: 6-9-85	
Company: Amoco Production Company				Connection:	
Pool: Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area				Formation: Tubb	
Completion Date: 1-23-84		Total Depth: 2692'		Elevation: 4600' GL	
Csg. Size: 7"	Wt.: 20#	Set At: 2688'	Perforations: From 2101' To 2264'		Well No.: 1835 041G
Tbg. Size: 3-1/2"	Wt.: 9.3#	Set At: 2059'	Perforations: From To		Unit: G Sec: 4 Twp: 18 Hye: 35
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: 2020'	
Producing Thru Tubing		Reservoir Temp. °F @ 2182'		Baro. Press. - P _a : 12.2	
L: 2182'		H: 2182'	G _g : 1.529	% CO ₂ : 100	% N ₂ : 0
			% H ₂ S: 0	Prover:	Meter Run: 4.0" Taps: Flange

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							324			
1.	4.026 x 2.75			251	20	58	263.2	50		
2.	4.026 x 2.75			265	25	58	277.2	"		
3.	4.026 x 2.75			285	8	59	297.2	"		
4.	4.026 x 2.75			309	3	58	321.2	"		
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							2525
2							2220
3							1725
4							1002
5							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons 0 Deg.
2.					Specific Gravity Separator Gas 1.529 X X X X X X X X
3.					Specific Gravity Flowing Fluid X X X X X
4.					Critical Pressure 1072 P.S.I.A. P.S.I.A.
5.					Critical Temperature 547 R R

P _c 336.2	P _c ² 113.0	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.583$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.801$
NO.	P _t	P _w	P _w ²
1		263.2	43.756
2		277.2	36.191
3		297.2	24.703
4		321.2	9.861
5			

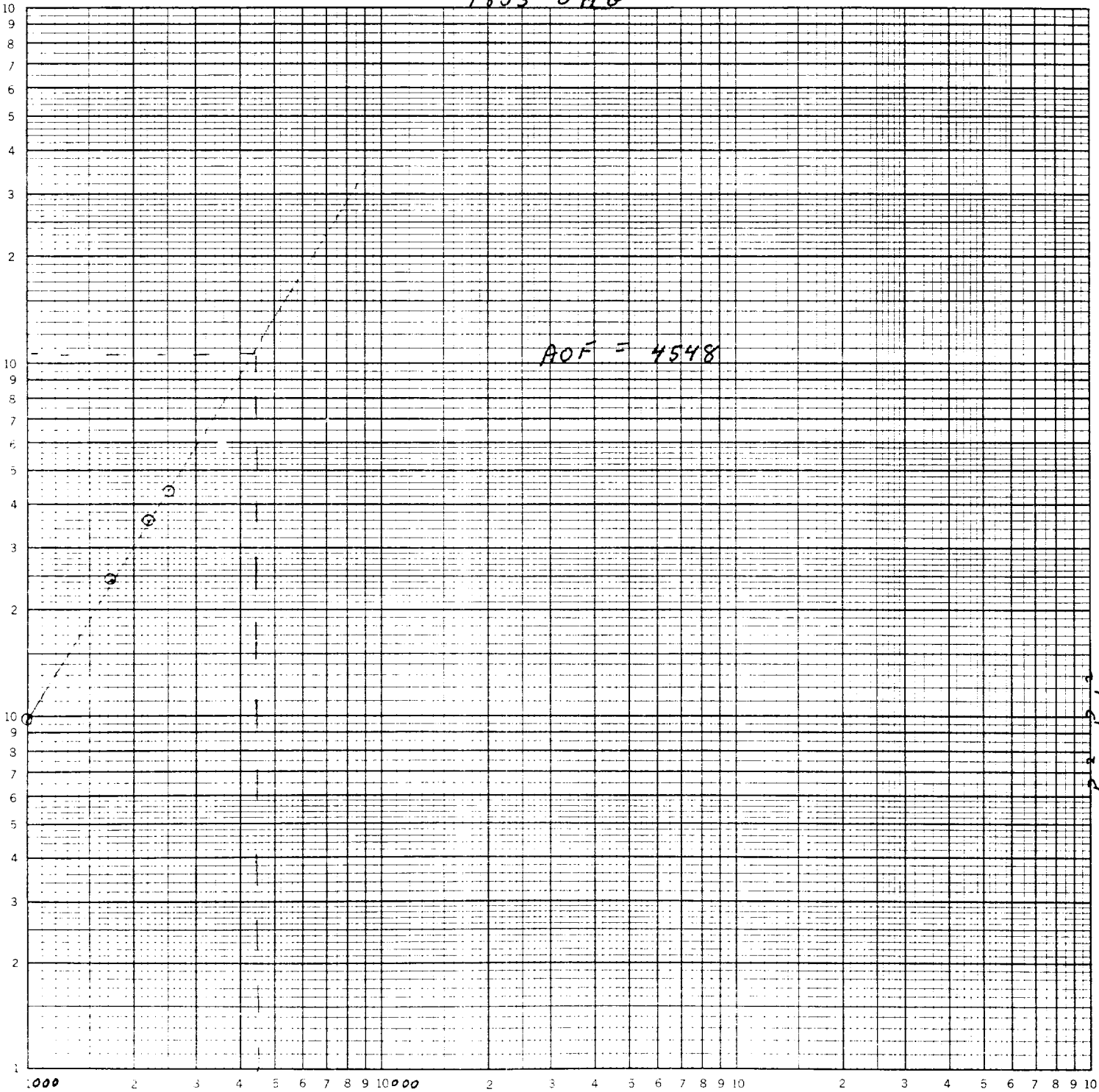
Absolute Open Flow 4548 Mcfd @ 15.025		Angle of Slope θ	Slope, n .62
Remarks:			
Approved by Commission:	Conducted By:	Calculated By: D. D. Kimble	Checked By:

1835 0416

46 7400

LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

AOI = 4548



$Q = MCF$

PC-1W

WELL NAME AND NUMBER BDCDGU 1835 #041 G

LOCATION (New Mexico give U, S, T, & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR Amoco Production Co.

DRILLING CONTRACTOR Aztec Well Servicing Co.

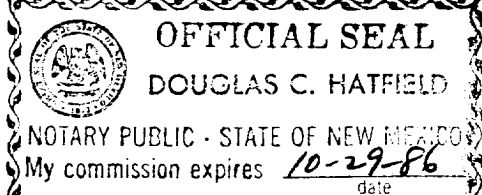
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° @ 355'</u>	<u> </u>	<u> </u>	<u> </u>
<u>3/4° @ 723'</u>	<u> </u>	<u> </u>	<u> </u>
<u>1° @ 1200'</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4° @ 1725'</u>	<u> </u>	<u> </u>	<u> </u>
<u>1 1/4° @ 2219'</u>	<u> </u>	<u> </u>	<u> </u>
<u>1° @ 2692'</u>	<u> </u>	<u> </u>	<u> </u>
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Drilling Contractor Aztec Well Servicing Co.

By Richard Peterson

Subscribed and sworn to before me this 26th day of July 19 85



Douglas C. Hatfield
Notary Public

My Commission Expires October 29, 1986

San Juan County, New Mexico