

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		Unit: BDCDGU
Completion Date: 1-23-84		Total Depth: 2692'	Plug Back TD: 2449'		Elevation: 4600' GL
Csg. Size: 7"	Wt.: 20#	Set At: 2688'	Perforations: From 2101' To 2264'		Well No.: 1835 041G
Thq. Size: 3-1/2"	Wt.: 9.3#	Set At: 2059'	Perforations: From To		Unit: G Sec: 4 Twp: 18 Rge: 35
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single			Packer Set At: 2020'		County: Union
Producing Thru Tubing		Reservoir Temp. °F @ 2182'	Mean Annual Temp. °F: 50		Baro. Press. - P _a : 12.2
State: New Mexico					
L: 2182'	H: 2182'	G _g : 1.529	% CO ₂ : 100	% N ₂ : 0	% H ₂ S: 0
Prover: 4.0"		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 XXXXXXXXXX
3					Specific Gravity Flowing Fluid: XXXXXX
4					Critical Pressure: 1072 P.S.I.A.
5					Critical Temperature: 547 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	P _c ² - 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

PC-1W

$Q = MCF$

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.

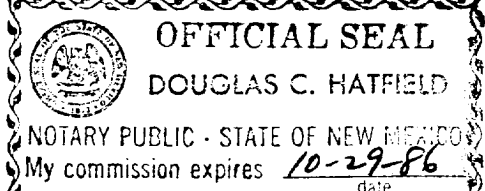
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<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



My Commission Expires October 29, 1986

Douglas C. Hatfield
Notary Public

San Juan County, New Mexico