

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 1967

Form C122-A
 Revised 1-1-66

POOL NAME Blanco	POOL SLOPE n = .75	FORMATION Mesaverde	COUNTY San Juan
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COMPANY Aztec Oil and Gas			WELL NAME AND NUMBER Beid "A" #1		
UNIT LETTER A	SECTION 13	TOWNSHIP 29N	RANGE 10W	PURCHASING PIPELINE Southern Union Gathering	
CASING O.D. - INCHES 4½	CASING I.D. - INCHES 4.000	SET AT DEPTH - FEET 6868	TUBING O.D. - INCHES 1½	TUBING I.D. - INCHES 1.61	TOP - TUBING PERF. - FEET 6266
GAS PAY ZONE FROM 3965 TO 4580		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .665	GRAVITY X LENGTH 2637
DATE OF FLOW TEST FROM 11/1/67 TO 11/9/67			DATE SHUT-IN PRESSURE MEASURED 11/17/67		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 462	(b) Flowing Tubing Pressure (DWt)	(c) Flowing Meter Pressure (DWt) 460	(d) Flow Chart Static Reading 462	(e) Meter Error (Item c - Item d) -2	(f) Friction Loss (a - c) or (b - c) 2	(g) Average Meter Pressure (Integr.) 490
(h) Corrected Meter Pressure (g + e) 488	(i) Avg. Wellhead Press. $P_t = (h + f)$ 490	(j) Shut-in Casing Pressure (DWt) 991	(k) Shut-in Tubing Pressure (DWt)	(l) P_c = higher value of (j) or (k) 991	(m) Del. Pressure $P_d = 80$ % P_c 793	(n) Separator or Dehydrator Pr. (DWt) for critical flow only

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 522	Quotient of $\frac{\text{Item c}}{\text{Item d}}$.9957	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$.9978	Corrected Volume Q = 521 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$ FLM	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
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DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n =$	521	$\left[\frac{353,232}{741,981} \right]^n =$	.4761	$=$	.5732	$=$	299 MCF/D
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REMARKS:

Initial Test

SUMMARY

Item h 488 Psia
 P_c 991 Psia
 Q 521 MCF/D
 P_w 490 793 Psia
 P_d 793 Psia
 D 299 MCF/D

Company Aztec Oil and Gas
 By Joe P. Delmar
 Title District Superintendent
 Witnessed By _____
 Company _____

December 6, 1967



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