

NEW MEXICO OIL CONSERVATION COMMISSION
INITIAL WELL DELIVERABILITY TEST REPORT FOR 19 68

Form C122-A
 Revised 1-1-66

POOL NAME Blanco Pictured Cliff	POOL SLOPE n = .85	FORMATION Pictured Cliffs	COUNTY San Juan
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COMPANY Tenneco Oil Company			WELL NAME AND NUMBER Florance #69		
UNIT LETTER C	SECTION 27	TOWNSHIP 29	RANGE 9	PURCHASING PIPELINE El Paso Natural Gas	
CASING O.D. - INCHES 3.500	CASING I.D. - INCHES 2.992	SET AT DEPTH - FEET 2187	TUBING O.D. - INCHES -	TUBING I.D. - INCHES -	TOP - TUBING PERF. - FEET -
GAS PAY ZONE FROM 2052 TO 2070		WELL PRODUCING THRU CASING X TUBING		GAS GRAVITY .636	GRAVITY X LENGTH 1305
DATE OF FLOW TEST FROM 7-30-68 TO 8-7-68			DATE SHUT-IN PRESSURE MEASURED * 4-20-66		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt) 269	(b) Flowing Tubing Pressure (DWt) -	(c) Flowing Meter Pressure (DWt) 263	(d) Flow Chart Static Reading 259	(e) Meter Error (Item c - Item d) 4	(f) Friction Loss (a - c) or (b - c) 6	(g) Average Meter Pressure (Integr.) 263
(h) Corrected Meter Pressure (g + e) 267	(i) Avg. Wellhead Press. $P_t = (h + f)$ 273	(j) Shut-in Casing Pressure (DWt) * 944	(k) Shut-in Tubing Pressure (DWt) -	(l) P_c = higher value of (j) or (k) 944	(m) Del. Pressure $P_d = \frac{80}{755} \% P_c$ 755	(n) Separator or Dehydrator Pr. (DWt) for critical flow only -

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D 806	Quotient of $\frac{\text{Item c}}{\text{Item d}}$ 1.0154	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$ 1.0077	Corrected Volume Q = 812 MCF/D
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WORKING PRESSURE CALCULATION

$(1 - e^{-s})$.091	$(F_c Q_m)^2 (1000)$ 7015	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$ 638	P_t^2 74,529	$P_w^2 = P_t^2 + R^2$ 75,167	$P_w = \sqrt{P_w^2}$ 274
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DELIVERABILITY CALCULATION

$$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = \frac{812}{\left[\frac{321,111}{815,969} \right]^n} = \frac{812}{.3935^n} = \frac{4526}{.4926} = \frac{368}{.400} \text{ MCF/D}$$

REMARKS: P_c from A. O. F. test taken 4-20-66

SUMMARY

Item h	267	Psia
P_c	944	Psia
Q	812	MCF/D
P_w	274	Psia
P_d	755	Psia
D	368	MCF/D

Company _____
 By _____
 Title _____
 Witnessed By J. D. Hicks
 Company Engineering & Production Service Inc.



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Pseudomonas

450

479

62

100

200

450

1992

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
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 117. *Chlorophyll amz* (Chl *amz*)
 118. *Chlorophyll anz* (Chl *anz*)
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 120. *Chlorophyll apz* (Chl *apz*)
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 130. *Chlorophyll azz* (Chl *azz*)
 131. *Chlorophyll azaa* (Chl *aza*
 132. *Chlorophyll abz* (Chl *abz*)
 133. *Chlor*

[illegible]

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and advised that the above information was obtained from the files of the FBI.