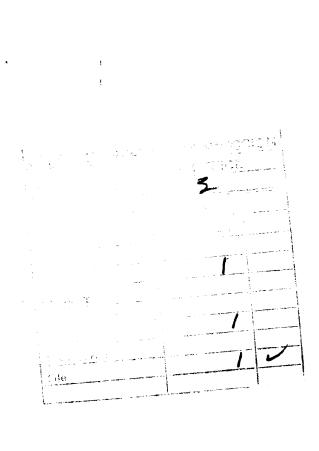
## NEW MEXICO OIL CONSERVATION COMMISSION GAS WELL TEST DATA SHEET - - SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

BALLARD

Pool	BALLARD		Formation	PICTURED	<b>CLIFFS</b>	C	ounty	SAN JUAN	
Purchasing F	Pipeline	EL PASO	NATURAL GAS		_Date Te			4-18-56	
Operator_	J. GLEIN TUR	er	Lease	HUNRFANIT	TINU C		Well No	31-3	3
Unit	Sec. 33	Twp.	27N Rge. 9	Pav Zone:	From	2277	То	0040	
Casina: OD.	<b>5-1/2"</b> WT		2204	Tubing: OD	3 60	WT	1.7#		2329
	rough: Casing		_Tubing					Estimated_	-
	V Test: From 3	l6-56	т. 3-23-56	+D-u- CID A	. Wedsule	-u	1-11-5		
Meter Run Si	410		Orifice Size						Flance
Meter Hun or	ze		_Office Size		. I ype Cn	art <del>- 1</del>		ype laps_	
			OBSERV	ED DATA					
	g pressure (Dwt)								
	pressure (Dwt)								
	pressure (Dwt)				_psig + 12	2 =		psic	ı (c
=	pressure (meter read	-							
	rt reading chart reading (		<u>``</u>		_psig + 12				-
	- (d) or (d) - (c)	) - x s				_=		psic	
	Flowing column to me	eter.	±			=		psi	(е
	ow through tubing: (a)		through casing			= .		psi	(f)
	age static meter pres					-			(1)
Normal char	rt average reading		<del></del>		_psig + 12	: = <u></u>		psic	ı (g
	chart average readin		•	5		-= <u></u>	312	psic	
	even day avge, meter	press. $(p_f)$	(g) + (e)			=	312	psic	ı (h
$P_t = (h) + (f)$			4.40			=	312	psic	(i)
	g shut-in pressure (D	-	649 649					psic	ı (j)
	g shut-in pressure (D	-	037		_psig + 12	: = <u> </u>	661	psic	ı (k
Flowing Temp.	whichever well flower	a through	<b>53</b> •F + 46			=	513	psic	
P <sub>d</sub> = ½ P <sub>c</sub> = ½	•			30			331	• Ab psic	•
Q =(integrated	X	( <u> </u>	FLOW RATE CAL	<u>.CULATION</u> =	<del></del>			МС	F/da
) = Q <b>2</b>	<b>47</b>	$\begin{pmatrix} 2 - P_d^2 \\ c - P_d^2 \end{pmatrix} = -\frac{2}{c} - P_w^2 = -\frac{2}{c}$	327,000 340,000	Y CALCULATI 9694 • <b>0,9675</b>	ON	=_=	239	MCF	'/dα.
SUMMA	ARY <b>661</b>		peia	Company	. /s. c	Len	TURNER		0
c =	247		psia Mcf/day	By	1101	1/2	<del></del>	1/10	Li
~=	312		psia	Title	<del>y</del>	C	Enginee	7	
od =	331		psia	Witnessed by					
) =	239		Mcf/day	Company					
This is date o	f completion test.								
Meter error cor	rrection factor								
	<del></del>	RE	MARKS OR FRICTI		ONS				
GL	(1-e <sup>-s</sup> )	(F <sub>c</sub> Q)2	(FcQ)	2 (1-e <sup>-s</sup> )		Pt <sup>2</sup>	_	,2 + R2	P <sub>w</sub>
		·- C4/2		R <sup>2</sup>	(0	Column		· · · ·	'w
			Frietie	negligible					
				,			100000		



ŗ -