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)

Pool Rim				Hesaverd	<u> </u>	County.	Sen Jus		
Purchasing F	Pipeline Souther	n Union Cas	Company		_Date Tes	Filed	Pebruary	7, 19	55
Operator_	igtec Oil & Gas	Company		Culpepper	-Martin	We	Il No 5	5	
Unit #	Sec. 22		Rge. 12	₩ Pay Zone:	From h	3501	_ To 匀	36+	
Casing: OD				Tubing: OF			7 6 T. Pe	erf. 185	31
-	rough: Casing								
Data of Flow	v Test: From	8 _{To}	1-16	* Data S I D !	Magazzad	1-21	-56		
Meter Run Si		Orifi						ime Fl	
weter run or		Omi			- 1 ype Chai		rype r	. щоз	
			OBSERV	ED DATA			٠		
	g pressure (Dwt)								(a)
	g pressure (Dwt)								(b)
-	pressure (Dwt) pressure (meter reading				psig + 12 :	=		psia	(c)
=	rt reading	-			psig + 12:	= .		psia	(d)
Square root	t chart reading () ² x spring c	onstant		:	=			(d)
	- (d) or (d) - (c)		±		:	=		psi	(e)
Friction loss,	Flowing column to me	ter:							
	ow through tubing: (a)		_		:	= <u></u>	 	psi	(f)
	rage static meter pres			575		•	587		
Normal cha	rrt average reading t chart average reading	, 2			psig + 12	= <u></u>	701	psia	(g)
	t chart average reading seven day avge, meter					-	587	psia psia	(g) (h)
$P_{t} = (h) + (f)$	seven day avget moter	bicasi (bl) (d) . /c	• /				587	psia	(1)
•	ng shut-in pressure (D	wt)		•••	psig + 12	=	* *	psia	(j)
	ng shut-in pressure (Dv			767	psig + 12		779	psia	(k)
$P_C = (j)$ or (k)	whichever well flowed	through	7 0		:		<u>779 </u>	psia	(1)
Flowing Temp	•		79 ∘F + 46	60		= :	539	°Abs	(m)
$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)				;	=	350	psia	(n)
Q =(integrate	X	FLOW V(d)	RATE CAL=	<u>-CULATION</u> 		=		MCF/	'dα
		DELI	VERABILIT	Y CALCULAT	ION	-			
D = Q	P P	$\begin{pmatrix} 2 - P_d^2 \\ 2 - P_w^2 \end{pmatrix} = \frac{455}{262}$,131 ,272	•75 n 1.515 -		=	205	MCF/d	la.
SUMM	MARY						-		
P _c =	725	·	_psia	Company	RIGINAL S	TOMETO D	S COMPA	TT A COTTO	700
Q =	<u> </u>		_ Mcf/day	БУ		IGNED B	_	HASTIN	<u>lGS</u>
Pw= Pd=	300		_psia _psia	Title Witnessed b		AND THE			
D =	205	✓	_ Mcf/day	Company	77				
	of completion test.						•		
		REMARK		ION CALCULAT	rions		 	<u>-</u>	
GL	(1-e ⁻⁵)	(F _c Q)2	(FcQ)) ² (1-e ^{-s})		pt ²	P t 2 +	R ² F	~
		_	/		1	Column i)			
		Friction	loss negl	lig i bl e					
		//	K		·	A G	ELLIV	ED	ı

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