Initial Deliverability

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 DOMÉ STORAGE AREA)

Pool	Undesignated	····	Formation	Pietured	Cliffe	_CountyR1	o Arrib	ME.	
Purchasing	Pipeline Pacif	ic Northwest				Filed Jan 1			
Operator N	Magnelia Petro	laum Company	Torno #	iasvilla "	D#	Well No	7 m	PC	
_	Sec. 13	·			· · · · · · · · · · · · · · · · · · ·		3873		
	7 5/8 WT.		-						
	hrough: Casing							d	
	w Test: From 1								
Meter Run S	ize <u>4.026</u>	Or	ifice Size	L 230"	_Type Chart.	I-10-8 T	ype Taps	Flange	
			OBSERVE	ED DATA					
Flowing casin	ng pressure (Dwt)			-	psig + 12 =_		 p	sia (a)	
	g pressure (Dwt)			3	psig + 12 = _	~~	<u> </u>	sia (p)	
	r pressure (Dwt)	dina when Dud			psig + 12 = _	51	<u>Z</u> p	sia (c)	
	r pressure (meter read art reading	and when Dwt. me		1; •	psig + 12 =_		·	sia (d)	
	t chart reading (2 x spring	constant	10	=_=	51	3	sia (d)	
_) - (d) or (d) - (c)		±		= -		1 p	si (e)	
-	Flowing column to n low through tubing: (c		-h				2		
	erage static meter pre				= .	· · · · · · · · · · · · · · · · · · ·	p	si (f)	
	art average reading_	(IIIOIII IIIIIII			psig + 12 =_		р	sia (g)	
	t chart average readi		x sp. const.	10	=_	50	<u> </u>	sia (g)	
	seven day avge, mete	er press. (p_f) (g) +	(e)		=_	50	P	sia (h)	
$P_t = (h) + (f)$		D .:			=_	50		sia (i)	
	ng shut-in pressure (i ng shut-in pressure (i			28	psig + 12 =_	*		sia (j)	
	whichever well flow				psig + 12 =_ -	84	^	sia (k)	
Flowing Temp		6	5 °F + 46	0	===	52	E	sia (l) Abs (m	
$P_d = \frac{1}{2} P_c = \frac{1}{2}$					= _	42	Λ	sia (n)	
						· · · · · · · · · · · · · · · · · · ·			
		FLC	W RATE CAL	CULATION					
o = 6	585 x	V(c)	— ₌ \\ 512	<u> </u>	1.001	\ <u>.</u> 686		MCF/da	
(integrate	ed)	(-			······································	MCF/dd	
		V(d)	<u> </u>						
		DEI	IVERABILITY	CALCII.AT	ION .		'		
	Fr	=== P ² - P ² \-	7	A 96	1011				
) = Q 6	586	529	,200 n	1	.1709	_ 80	3 _M	CF/da.	
•		P2 - P2 = 439	,363					Oi / uu.	
	<u> </u>	C W/							
SUMM	MARY								
	34,0		psia	Company	Magnoli	a Petroleu	m Comps	na.	
•	686		Mcf/day	By Z	illian	n Q 7	cong	nen	
w —	516		psia	Title	Jr. Ges	Engineer			
u	20 903		psia		у	-		· · · · · · · · · · · · · · · · · · ·	
			Mcf/day	Company					
	of completion test.					•			
		REMAF	KS OR FRICTIO	ON CALCULAT	rion\$				
C.	(1-e ^{-s})	/F 012	(FcQ) ²	(FcQ) ² (1-e ^{-\$})		o _t 2	P+2+R2 Pw		
GL	(1-6.)	(F _c Q)2		R2	(Col	umni) P	t" + R"	₽w	
2600	0.172	41,603	77 1	156			6 227	E74	
2000	0.172	41,003	/	120	259.	101 Z0	6,237	516	

This test was accomplished in accordance with Sec 3, Sub paragraph 1, Paragraph A sub paragraph 1, Order R-333-C & D, and shall be considered an annual state of the sub-

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