Initial Rest

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 Ur	ndesignated		Formatic	n Pie	tured Cliff	County_R	io Arriba	
Purchasing Pi	ipeline Pacifi	8 Northwest	Pipe Line	Corporat	ion Date Test	Filed	ch 23, 1959	·
Operator Magnolia Patroleum Company Lease Jicorilla WFW						Well No. 5 UT-FC		
•	Sec. 23					881 - 1	ro 39151	
Casing: OD_		25.40# Set A	h2h01	Tubing:	OD 2 3/8"	WT. 4-7#	T. Perf. 38	91'
	ough: Casing							
Produced Info	ougn: Casing		2/7/ED	Gus Gru	Neusurea .	10/7/58		
	Test: From 1							A
Meter Run Siz	te <u>h.026#</u>	Ori	fice Size	1.000*	Type Chart	SQF. RV.	_Type Tops_#	TANK
			OBSER	VED DATA				
Flowing casing	pressure (Dwt)				psig + 12 =	•	psia	(a)
lowing tubing	pressure (Dwt)				psig + 12 =		psia	(b)
lowing meter p	pressure (Dwt)				psig + 12 =		psia	(c)
	pressure (meter read	ling when Dwt. med	asurement tak	en:		_		(d)
Normal chart	t reading chart reading (12 r spring	constant		psig + 12 = =		psia	(d)
	chart redaing (- (d) or (d) - (c)) - x spiring	±		=		psi	(e)
· ·	Flowing column to m	eter:						
•	w through tubing: (a		gh casing		=		psi	(f)
-	age static meter pre	•	chart):	,		50		/- \
Normal chart average reading						5).0		(g)
Square root chart average reading ($7 \cdot 11 \cdot 12 \cdot 12 \cdot 12 \cdot 12 \cdot 12 \cdot 12 \cdot 1$						51.9		(g) (h)
	even day avge. mete	r press. (pf) (g) +	(e)		=	51.9		(i)
P _t = (h) + (f) Wellhead casing shut-in pressure (Dwt)psig + 12 =							psia	(j)
	shut-in pressure ([998		psig + 12 =	1016	•	(k)
	whichever well flow	ed through	_		=			(1)
Flowing Temp.	(Meter Run)	6	•F +	460	=	521		
$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)				=	505	psia	(n)
		/ 510	W DATE OF	I CUIL ATTION	т \			
		FLO	W RATE CA	LCULATION	· ·	١.		
_ 20 4	5x	V(c)		1	<u> </u>	_\=2	105 MC	F/da
integrated)	^	1				7		
(2000)	•	/ \(\lambda(\text{q})\)		1		/		
								
		DEL	IVERABILI	TY CALCUL	ATION			
	- Γι	P2-P2-	- - AME] 0.85	-6			
) = Q 20	5	10	5,075	·	507	_ =21	5 MCF	/da.
	Ц	Pc-Pw/=	8,05h	_				
SUMMA						D = 1 2		
c = 101			psia	Company	Magnol 18	Petrolet	en Company	
= 20			Mcf/day	Ву	Vellina	en A_	<i>sarig</i> an	-
w= <u>22</u> 50			psia	Title	Jr. Ges IX	Gineer -		
21 21			psia Mcf/day	Company	ed by			
) = <u> </u>				Company				
Meter error co	of completion test.							
		REMAR	RKS OR FRIC	TION CALCU	LATIONS			
	/s -8.	/2 212	(Fo	Q) ² (1-e ⁻	·s)	Pt ²	P. 2 + R2	P _w
GL	(1-e ^{-s})	(F _c Q)2		R2	(C	olumn i)	-t '''	* w
			†				_ (#* 3\)	* .
2626	0.174	3.71		0.645	303	101	302,016	50