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)

Date Test Find Date Date Test Find	Pool	Blanco	Mass.	erde		Format	ion:	Mesa	Verde		Coun	ty	Rio	Arriba	
Decretor Decretor Decreto		ipeline_	K1.	Paso N	aturel	Gas			Date	e Test	Filed_				
Departure Depa		3 8	Made and 3	. Cha			Gor	a Juan	27_5 1	lini t				6	
Casing OD 7 WT 20 Set At 5190 Tubing OD 2 WT 15.5 T. Perf 5802	operator		7.6												
Cosing X Tubing Gas Gravity: Measured .665 Estimated .687 Produced Through: Casing X Tubing Gas Gravity: Measured .1-1-77 .7-1-9-58 .7	Unit H		°C	1 W	=										ກາ
Date of Flow Test: From 12-31-57 To 1-9-58 Date S.I.P. Measured 1-1-57	Casing: OD_	7	WT										_T. P	erf	VE.
Date of Flow Test: From 12-31-57 To 1-9-58 Date S.I.P. Measured 1-1-57	Produced Thr	ough: Ca	rsing	<u> </u>	Tubi	ng		Gas Grav	rity: Med	rsured_		007 		nated	
OBSERVED DATA	Date of Flow	Test: Fr	rom	12-31-5	7_ _{To} _	1-9-5	3 *D	ate S.I.F	o. Measu	ıred	1.	-1-57			
OBSERVED DATA	Meter Run Siz	ze			Orifi	.ce Size	<u> </u>		Туре	e Chart			Type 7	Гарs	
Common part 12 =															
Though publing pressure (Dwt)	lowing casing	pressure ((Dwt)						psiq	; + 12 =				psia	(a
Place Processing Processi	lowing tubing	pressure ((Dwt)						psig	1 + 12 =				psiα	(b)
Nomal chart reading	lowing meter i	pressure (E	Owt)						psig	j + 12 =				psia	(c
Square root chart reading (Plowing meter	pressure (n	meter read	ing when I	Owt. meas	surement t	aken:								
Seven day overage stotic meter pressure (Port) Position (Position loss)	Normal char	t reading_		. 2					psig	; + 12 = _					٠.
FLOW RATE CALCULATION Company C) ² x	spring C					= _					
(b) - (c) Flow through tubing: (a) - (c) Flow through casing =	• •					ī				-				psi	,,
Seven day caverage static meter pressure (from meter chart): Normal chart average reading					w through	casina				=				psi	(f)
Nomal chart average reading															
Square root chart average reading 1100 7x sp. const.	NT							- 30	psig	y + 12 =		Z00	-	psia	(g
Corrected seven day avge, meter press. (p _t) (g) + (e) =	Square root	chart aven	age readin	ıg (<u>7•ξ</u>	90_) 2 x	sp. const.	•——	TO		=				psia	(g
										=				psia	(h
Wellhead cosing shut-in pressure (Dwt)						1	OSO			=	•			•	(i)
Summary Summ										•				-	
Summary Summ								· ·	psiq	g + 12 - -		1052		-	
FLOW RATE CALCULATION $Q = \underbrace{ \begin{array}{c} PC = \frac{1}{2}(1) \\ PC = \frac{1}{2$	_			ed through	67	7	± 460			_		527		-	
$Q = \underbrace{\begin{array}{c} PLOW RATE CALCULATION \\ V(c) = \underbrace{\begin{array}{c} Pc - Pd \\ V(d) \end{array}} = \underbrace{\begin{array}{c} 99 \\ Cc - Pd \\ Cc $			in)		<u></u> '	<u></u> 1	7 400			=		531			(n
SUMMARY Summ	$P_d = \frac{1}{2} P_c = \frac{1}{2}$	(1)													
SUMMARY Summ							741 011	T ATTON	-	`					
DELIVERABILITY CALCULATION					FLOW	V HATE (ALCU	LATION	_	`	\				
SUMMARY DELIVERABILITY CALCULATION	_		v	- [M/-X				_		1-		3 9	MCE	/da
DELIVERABILITY CALCULATION DELIVERABILITY	•	35	^	_	, Y(C)		-		- 		: <i>]</i>				, u u
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	(integrate	a)			Vicio										
SUMMARY SUMMARY 1062					• (a)										
SUMMARY 1062					DELI	VERABII	LITY C	ALCUL	ATION						
SUMMARY 1062			Γ_{ℓ}	n2 n2\.	-		$\overline{}$						_		
SUMMARY 1062	2 - 0	39		c Pd	84	5,883	n				. =		42	MCF/	dα.
Company Comp) = Q		[D2 D2	_ 75 ⁸	8,180	_	1.	0854						
Company Comp			. LV	Pc-Pw/											
Company Comp											•				
Secondary Signed	SUMM		1069					~	1	El Pau	o Nat	aral	Gas		
w=	°c =					-									
This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) (FcQ)2 (1-e^-s) Pt^2 Pt^2 Pt Pw	? =		608				,								
Mcf/day Company. This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e-s) (FcQ)2 (1-e-s) Pt2 Pt2 Pt2 Pw	_ ''					•		Witnesse	ed by	Lewis	D. Gam	(400)	V		
This is date of completion test. Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e-s) (FcQ)2 (1-e-s) Pt² Pt² + R² Pw	od =		42			-	,		•				.,		
Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) $(F_cQ)^2$ $(F_cQ)^2$ $(P_cQ)^2$	The 1- 3-4	of g1-4	ion tost				•			-					
GL (1-e ^{-s}) (F _c Q)2 (F _c Q)2 (P _t Q)2 (Column i)		-													
GL (1-e ⁻⁵) (F _c Q)2 R ² (Column i)	Meter ettor Co	vitection ic	u- 101		REMARI	KS OR FR	ICTION	CALCU	LATIONS	3					
GL (1-e ⁻⁵) (F _c Q)2 R ² (Column i)				<u> </u>						_	Pt ²			_ , [
	GL	(1-	e ^{-s})	(F _c	Q)2	"		•	′		-		Pt2+	R ²	Pw
WATERING WAST.TSTUTE				_				<u> </u>		(C	olumn i)	+			
				[-		MINEST TO	27 27.3						



D at 500 = 43



