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## Initial Peliveredility

## 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	Blanco	<del></del>	Formatio	Hosaver	de	County_	Rio Arrii	14
Purchasing	Pipeline <b>Pecif</b>	ic Northwest	Pipeline G	orperation	_Date Test		L-13-58	
Operator <b>So</b>	rthæst Prod	ection Corp.	Lease	ngu		Wel	No. 14-1	.0
Unit	Sec	Twp. 261	Rge. 3W	Pay Zone:			To 5979	
Casing: OD	WT_WT	.14 & 15.5 Set		Tubing: OI				5906
Produced Th	hrough: Casing^	Т	ubing X					
	w Test: From 1							
	ize						Type Top	e
		-		/ED DATA	21770 011-11			<u> </u>
Flowing casin	ng pressure (Dwt) _				neta + 12 =			
_	g pressure (Dwt)_							psia psia
	r pressure (Dwt)							•
	r pressure (meter re	ading when Dwt. m						
	art reading t chart reading (	) 2 x sprin						-
	) - (d) or (d) - (c)	,	±		=			psia psi
	Flowing column to							
	low through tubing:				=		1	psi
	erage static meter p		r chart):	627	psig + 12 =	63		
Normal chart average reading psig + 12 = Square root chart average reading () 2x sp. const =								psia psia
Corrected a	seven day avge. me	eter press. (p <sub>f</sub> ) (g)	+ (e)		=	63	<b>)</b>	psia
P <sub>t</sub> = (h) + (f) = Wellhead casing shut-in pressure (Dwt) psig + 12 =						63		psia
	ng shut-in pressure ng shut-in pressure	•		1701	psig + 12 = psig + 12 =			psia :-
	whichever well flo				parg + 12 =. =	171	•	psia psia
Flowing Temp	o. (Meter Run)		<b>50</b> °F + 4	60	=	52		Abs
P <sub>d</sub> = ½ P <sub>c</sub> = ½	<u>(1)</u>	***			=	85	]	osia
		/ FL	OW RATE CAL	CULATION			-	
					•	١.	•	
Q = (integrate		× (	=	=		=		.MCF/da
(Integrate	ea)	\ \v_{(d)}	<del></del>		j	/		
	<del></del>	<b>( (</b> (d)						
		DE	LIVERABILIT	Y CALCULAT	<u>ION</u>			
	1,278	Pc-Pd =	M 020	n <b>6.911</b> 7	-	***	_	
) = Q	2,270		7,1,000	40722/	<del></del>	_ =116	<u> </u>	/CF/da.
	Ĺ	$\left\langle P_{c}^{2} - P_{w}^{2} \right\rangle = 2$	18,364	(0.884)	•			
<b>~</b> * * * * * * * * * * * * * * * * * * *								
SUMM	MARY	1713		~	Horethan	et Dund	sction Con	-
°c = ) =		1278	psia Mcf/day	Company By			Y PHILLIPS	
~		668	psia	Title		E. Prod		
°d =		<u>A57</u>	psia	Witnessed by	γ	······································		
) = <u> </u>		1165	Mcf/day	Company		· · · · · · · · · · · · · · · · · · ·		
	of completion test. orrection factor							
weret erior Co	onection factor	REMA	RKS OR FRICT	ION CALCULAT	IONS			
C.	(1 - <b>-</b> 8)		(FcQ)		····	Pt <sup>2</sup>	2 - 0	
GL	(1-e <sup>-s</sup> )	(F <sub>c</sub> Q)2		R <sup>2</sup>		lumn i)	$P_t^2 + R^2$	Pw
A1#6								<del>                                     </del>
4152	0, 261	144.384	1 47	, 684	408,32		446,005	667.8

Fc z 9.402



