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 DOME STORAGE AREA)

Pool	designated D	akota	Form	ation Dakot	a	County.	RA		
Purchasing P	ipeline	Paso Nati	ral Gas Co	mpany	Date Tes	st Filed	10-7-59		
Operator	Skelly Oil	Gompany	Lease_	Jicarill.	• иВп	We	ll No	20	
Unit D	Sec _3	1Twp.	25N_Rge.	Pay Zone	e: From	7042	_ To	7070	
Casing: OD_	WT.	20 & 23#	Set Åt	Tubing: C	D 2*	WT	4.7 T. F	'erf	7066
Produced Thi	rough: Casing		_Tubing	Gas Gravi	ty: Measure	d673	Esti	.mated	
Date of Flow	Test: From	9-14-59	_To 9-2	2 -59 * Date S.I.P.	. Measured_	6-25	-59		
				28				Taps	Flanc
	~			SERVED DATA				_	
Flouring oggins	r pressure (Dust)			DITTO DATA	nsig + 12	· =		psia	(a)
									(b)
									(c)
-	pressure (meter re				P				• ,
Normal cha	rt reading				psig + 12	=		psia	(d)
Square root	chart reading () ² x s	pring constant.			.=		psia	(d)
Meter error (c)	- (d) or (d) - (c)			±		=		psi	(e)
•	Flowing column to					_			45.
	ow through tubing:		-					psi	(f) ·
-	age static meter p rt average reading.	•	neter chart):		psig + 12	=		psic	(g)
	chart average read) ² x sp. cons	st. 10.0		=	504	psic	(g)
	even day avge. me					=		psic	(h)
$P_t = (h) + (f)$		_				=	504	psic	(i)
Wellhead casin	g shut-in pressure	(Dwt)			psig + 12	=		psic	(j)
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Ξ		psic	(k)
_	whichever well flo	wed through	<u>75</u> • ı	T 1 400		=	2319 535	psic: °Abs	(1) : (m)
Flowing Temp. $P_d = \frac{1}{2} P_c = \frac{1}{2}$	•			F # 40U		=	1159	psic	(m)
Q = (integrate		× (FLOW RATE (c) =	CALCULATION =				MCF	F/da
) = Q 27	7.7	$\begin{pmatrix} P_c^2 - P_d^2 \end{pmatrix} = \begin{pmatrix} P_c^2 - P_w^2 \end{pmatrix} = 0$	DELIVERAB 4,034,480 4,932,876	ILITY CALCULA	75864)O_ = 23	37	MCF/	/da.
SUMM	ARY			C	an 9.9				
P _c =	2319		psia Mcf/do	company_ av Bv ங	Skelly E. Cosper	OTT COM	Eso.	Ker-	
~ - <u></u>	444		psia		istrict :		-		
Pd =	1159		psia	Witnessed	by	A Chat Tire	MANAGERA		
> =	2337		Mcf/do	ay Company_					
	of completion test.	•							
		R		RICTION CALCUL				 -	
GL	(1-e ^{-s})	(F _c Q)	2	(F∝Q) ² (1-e ^{-s})		Pt ² Column i)	Pt ²	+ R 2	Pw
1769	0.293	652.	3	191.1		254	113	T- 6	67
				ng through 2	161= + -		TIPS	LV.	
		PK.	legt LTOAT	ug enrough as	North, Giran	~ /P	([P]T)		1

• Alle entre la fillione de \$100 m