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 Beats Bulleta		Formation		County		Sun Juan		
	ineo Sutural (Test Filed 6-18-66				
urchdsing i if eithe								
perator	-	Lease	rate the that	W	ell No	1		
nitSec	T wp.	Rge.	Pay Zone: From	6895	To	630	1_	
casing: ODWT	Set At	6422	_Tubing: OD	3/8 WT. 4	T. Per	f. 630	<u> </u>	
roduced Through: Casing						ated		
ate of Flow Test: From								
leter Run Size	Oni	ice Size	ı ype	Chart	Type 10	ups_		
		OBSERVE	D DATA					
lowing casing pressure (Dwt)			psig	+ 12 =		_psia	(a)	
lowing tubing pressure (Dwt)			psig	+ 12 =		рвіа	(P)	
lowing meter pressure (Dwt)			psig	+ 12 =		psia	(c)	
lowing meter pressure (meter read	ling when Dwt. mea	surement taken:						
Normal chart reading			psig	+12=		_psia	(d)	
Square root chart reading () ² x spring o	constant		=		psia	(d)	
eter error (c) - (d) or (d) - (c)		±	•	=		psi	(e)	
riction loss, Flowing column to m	eter:							
(b) - (c) Flow through tubing: (a		h casing		=		_ psi	(f)	
even day average static meter pre								
Normal chart average reading			psig	+ 12 =		psia	(g)	
Square root chart average reading	ng (7.45) 2 x	sp. const.		=	497	psia	(g)	
Corrected seven day avge. mete		_		=	407	_psia	(h	
	r bronn: (bI) (4) . (,		=	497	psia	(i)	
_t = (h) + (f) ellhead casing shut-in pressure (l	Dwt)		psic	+ 12 =	2016	psia	(j)	
ellhead tubing shut-in pressure (C		300		+ 12 =	2014	psia	(k	
P _C = (j) or (k) whichever well flow				=	3014	psia	(1)	
_		°F + 460)	=		°Abs	(m	
Flowing Temp. (Meter Run)	 			=	1000	psia	(n	
Pd = 1/2 Pc = 1/2 (1)								
	/ ====		NII ETION					
	FLO	W RATE CALC	CULATION	\				
	/ ,			/.				
5 =x	Y(c)	=	 =	 }= -		MCF/	da	
(integrated)	\			J				
	√ √(d)							
					_:-:-			
	DEL	IVERABILITY	CALCULATION					
Г	P2 - P2\=	7						
) = Q \$358	$P_c^2 - P_d^2 = 3.00$	8.192 n	.8588	=	1137	_ MCF/d	ia.	
= 0	2 2 3.77	3. 222				, -	•	
	Pc-Pw/=							
SUMMARY								
_ 3056		psia	Company			r. Madestera	نيب	
c		Mcf/day	By T.	i. Inbere	(at	FIV	FV	
		psia	Title Di	trict Bud	mous / KL	ייוש	LD	
w=		psia psia	Witnessed by	ORIGINAL C	10111			
d =		· •	•	F.W.	GNED BY	N111	964	
= 8487	·····	Mcf/day	Company.		sell /		^^	
This is date of completion test.					OIL	CON.	COI	
Meter error correction factor					1	DIST.	3	
	REMAR	KS OR FRICTIO	ON CALCULATIONS				_	
		(FcQ) ²	(1-e ^{-s})	Pt ²	_ 2	P ₁ ² + R ² P _w		
GL (1-e ⁻⁵)	(F _c Q)2	, , , , , ,			Pt"+1	K~ F	°w	
		1	R ²	(Column i)				
Aries gas	143.410	24	.013	347,000	201	9		
4881 ,279		1						

