NEW MEXICO OIL CONSERVATION COMMISSION GAS WELL TEST DATA SHEET - - SAN JUAN BASIN



Flowing meter pressure (Dwt) psiq + 12 = psid Flowing meter pressure (meter reading when Dwt. measurement taken: Normal chart reading (meter reading when Dwt. measurement taken: Normal chart reading (meter reading when Dwt. measurement taken: Normal chart reading (Dwt) psid + 12 = psid Normal chart reading (Dwt) psid + 12 = psid Normal chart reading (Dwt) psid + 12 = psid Normal chart reading (Dwt) psid + 12 = psid Normal chart reading (Dwt) psid + 12 = psid Normal chart reading (Dwt) psid + 12 = psid Normal chart average reading (Dwt) psid + 12 = psid + 12 = psid + 12 = psid + 12 =	Pool	stanco		For	mation_	mesa ver	ae	ounty	KIO AF	ri Da
Unit M Sec. 13 Twp. 30 Rige. 6 Pay Zone: From 5042 To 5440 Casing: OD 5-1/2 WT. 15-5 Set At 54/74 Tubing: OD 2" WT. 4.7 T. Perf. 5280 Produced Through: Costing Tubing X Gas Gravity: Measured	Purchasing Pi	peline	l Paso Na	Paso Natural Gas			Date Test Filed			
Unit M						_				
Casing: OD 5-1/2 WT. 15.5 Set At 5474 Tubing: OD 2" WT. 4.7 T. Perf. 5388	Operator El	. Paso Natur	al Gas	Lease	Ab	raham		Well	No3	
Produced Through: Casing	Unit	Sec1	3 Twp.		e. <u>6</u>	Pay Zone: Fr	om 504	2	To544(<u> </u>
Produced Through: Casing	Casina: OD	5-1/2 _{WT}	15.5	Set At 5474	4	_Tubing: OD	2"WT	. 4.7	T. Perf	5380
Date of Flow Test: From 12-24-57 To 12-31-57 * Date S.I.P. Measured 8-20-57 (36 days)	-									
OBSERVED DATA Substitution Type Tops										
DESERVED DATA										
Flowing custing pressure (Dwt)	Meter Run Size	e		_Orifice Siz	ze	Ту	pe Chart		_Туре Taps.	
Flowing custing pressure (Dwt)				OE	BSERVE	D DATĀ				
Flowing meter pressure (Dwt)	Flowing casing	pressure (Dwt)				 -	sia + 12 =		30	sia (
Flowing meter pressure (neter reading when Dwt, measurement taken: Normal chart reading										
Flowing meter pessaure (meter reading when Dwt, measurement taken: Normal chart reading										
Sequer root chart reading (•		-	
Meter error (c) - (d) or (d) - (e) 1	Normal chart	reading			····	ps	sig + 12 =		ps	sia (
Fiction loss, Flowing column to meter: (b) - (c) Flow through tubing: (a) - (c) Flow through casing Seven day average static meter pressure (from meter chart): Normal chart average reading Square root chart average reading Question of the seven day average reading (1.50) 2 x sp. const. Square root chart average reading spaid Square root char	Square root o	chart reading () ² x s	pring constan	it					
(b) - (c) Flow through tubing: (a) - (c) Flow through casing =	, ,	,			±		=		ps	si (
Seven day average static meter pressure (from meter chart): Normal chart average reading	•	•					_			~: <i>(</i>
Normal chart average reading $ \begin{array}{c} \text{Square root chart average reading} \\ Square root chart $		-		_	ığ		-		ps	si (
Square root chart average reading (7.50) 2 x sp. const. 10 = 563 psid 564 psid 565 psid 5	-	•	•			p	sia + 12 =		Df	sia (
Corrected seven any avgs, meter press, $(p_f)(g) + (e)$ $P_f = (h) + (f)$ $P_f = (h) + (f)$ wellhead cosing shut-in pressure (Dwt) Wellhead cusing shut-in pressure (Dwt) Positive properties and properties are pressed by the properties and properties are properties and properties and properties are properties and properties are properties and properties and properties are properties and properties and properties are p	Square root o	chart average rea	ding (7.50) 2 x sp. co	nst.	10	=	5 63		
P ₁ = (h) + (f) 1157							=	563		
Wellhead casing shut-in pressure (Dwt)			ter person (PI)				=	563		-
Wellhead tubing shut-in pressure (Dwt)	Wellhead casina	shut-in pressure	(Dwt)	,	1157	p	sig + 12 =	1169		-
P_c = (1) or (k) whichever well flowed through 56	Wellhead tubing	shut-in pressure	(Dwt)		1154				•	
Flowing Temp. (Meter Run) Pd = ½ Pc = ½ (1)						•)p;	sia (
$ P_{d} = \% P_{c} = \% (1) $	•			5 6	°F + 460)	∓	51 6	•	
$Q = \underbrace{\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$		•					=	583		
$D = Q \qquad \begin{array}{ c c c c c c c c c c c c c c c c c c c$	`		х (V(c)=	E CALO	CULATION =			401	MCF/da
$D = Q - \frac{1401}{\left(\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2}\right)^2} = \frac{1.019.667}{1.039.631} n - \frac{.9807}{.9855} = \frac{395}{MCF/da}.$ $D = Q - \frac{1166}{P_c^2 - P_w^2} = \frac{1.019.667}{1.039.631} n - \frac{.9807}{.9855} = \frac{395}{MCF/da}.$ $D = \frac{1166}{Q} - \frac{psia}{Mcf/day} - ps$					DII 1001	CH CH LETON		-		
Pc = 1166 psia Company El Paso Natural Gas Q = 401 Mcf/day By Pw = 566 psia Title Original Signed Pd = 583 psia Witnessed by Lewis D. Galloway P = 395 Mcf/day Company * This is date of completion test. * Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e-s) (FcQ)2 (FcQ)2 (1-e-s) Pt2 Pt2+R2 Pw R2 (Column i)	D = Q40)1	$\begin{pmatrix} P_c^2 - P_d^2 \end{pmatrix} = \begin{pmatrix} P_c^2 - P_w^2 \end{pmatrix} = \begin{pmatrix} P_$	1,019,66 1,039,63	7		<u></u> =	39	5 м	CF/da.
Net	SUMMA	ARY				_				
Pw = 566 psia Title Original Signed Pd = 583 psia Witnessed by Lewis D. Galloway P = 395 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+R2 Pw R2 (Column i)	P _c =			psia		CompanyE	l Paso Na	tural	Ges	
Pd =					-		tata t Class			
= 395	**	-0-		•		-				
* 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 Pw R2 (Column i)	P _d =		-	-			ewis D. Gall	oway		
* Meter error correction factor REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) $(F_cQ)^2$ $(F_cQ)^2$ $(1-e^-s)$ P_t^2 $P_t^2 + R^2$ P_w	• Three :			MCI/	auy	Company				
REMARKS OR FRICTION CALCULATIONS GL (1-e^-s) $(F_cQ)^2$ $(F_cQ)^2$ $(1-e^{-s})$ Pt^2 $P_t^2 + R^2$ P_w		•	•							
GL $(1-e^{-s})$ $(F_cQ)^2$ $(1-e^{-s})$ Pt^2 $P_t^2 + R^2$ P_w	Words estor cor		F	REMARKS OR	FRICTIO	ON CALCULATIO	NS			
GL $(1-e^{-s})$ $(F_cQ)2$ R^2 $(Column i)$ $P_t^2 + R^2$ P_w		_	T			 				
	GL	(1-e ^{-s})	(F _c Q)2	. 3/				P _t + R 4	Pw
3201 .208 14.213 2,956 316,969 32025 566	 	· · · · · · · · · · · · · · · · · · ·				π²	(Colum	n 1)		
	3201	.208	14.213		2,956		316.96	9	319,925	5 66
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SANTA FE / REQUEST			ONSERVATION COMMISSION FOR ALLOWABLE AND NSPORT OIL AND NATURAL O	Form C-104 Supersedes Old C-104 and C-110 Effective 1-1-65		
LAN TRA	ID OFFICE INSPORTER OIL / GAS / GATOR ORATION OFFICE	AUTHORIZATION TO TRA	NOT OR FOLL AND NATURAL C	5A3		
Opera		_				
Addre	El Paso Natural Gas	Company				
	Box 990, Farmington,	New Mexico	101 (0)			
Keaso New V	on(s) for filing (Check proper box We!1) Change in Transporter of:	Other (Please explain)			
Recor	mpletion	Oil Dry Gas	s Reme Che Abraham	unged From #3		
Chang	ge in Ownership	Casinghead Gas Conden	sate	# /		
	nge of ownership give name ddress of previous owner					
	•					
	CRIPTION OF WELL AND Name	Lease No. Well No. Pool Nam	ne, Including Formation	Kind of Lease		
	3 n Juan 30-6 Unit	41 Bls	anco Mesa Verde	State, Federal or Fee		
Locat				-		
Un	nit Letter;;	Feet From TheLine	e and Feet From '	The		
Li	ne of Section /3 To	wnship 301 Range	6W , NMPM, Rio Arri	County		
III DESI	CNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	S			
Name	of Authorized Transporter of Oil	or Condensate	Address (Give address to which appro	ved copy of this form is to be sent)		
	l Paso Natural Gas (Box 990, Address (Give address to which appro	Farmington, New Mexico		
1	of Authorized Transporter of Car 1 Peso Natural Gas (singhead Gas or Dry Gas 🛣	1	Farmington, New Mexico		
\	ll produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actually connected? Wh			
give l	location of tanks.		Yes			
	s production is commingled wi PLETION DATA	th that from any other lease or pool,	give commingling order number:			
	esignate Type of Completic		New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.		
	Spudded Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.		
Date	spudded	Date Compilitieday to Frod.	Total Bopin			
Eleva	ttions (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth		
Perfo	orations			Depth Casing Shoe		
		I	CEMENTING RECORD	SACKS CEMENT		
-	HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
V TEST	T DATA AND REQUEST F	OR ALLOWARLE (Test must be a	ter recovery of total volume of load oil	and must be equal to or exceed top allow-		
OIL	WELL		pth or be for full 24 hours) Producing Method (Flow, pump, gas li			
Date	First New Oil Run To Tanks	Date of lest	Producing Wethod (1.10m, pamp, gas 1.	PEIM		
Leng	th of Test	Tubing Pressure	Casing Pressure	Chore Size		
8.000	al Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF_ 100CF		
Actua	di Prod. During 1881	OII- Data		OCI 1 3 1965		
' 				JOH. COM.		
	WELL al Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate		
Actu	MI F104. 1001-1001/2					
Test	ing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size		
	TITLE OF COMPLIAN	CE	OIL CONSERVA	ATION COMMISSION		
VI. CER	TIFICATE OF COMPLIAN	CE	4005			
I here	eby certify that the rules and	regulations of the Oil Conservation with and that the information given	APPROVED NOV 1 1965 BY Original Signed Emery C. Arnold TITLE Supervisor Dist. # 3 This form is to be filed in compliance with RULE 1104. If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation			
above	e is true and complete to the	e best of my knowledge and belief.				
	2 - 10 - 25 - 16 - 1	U CIPATE TO ADEDIA				
		AL SIGNED E.S. OBERLY				
P	etroleum Engineer	ature)	tests taken on the well in acco	rdance with RULE 111.		
~	(T	itle)	able on new and recompleted w	_		
C	ctober 8, 1965		I Fill out only Sections T 1	I. III. and VI for changes of owner,		

(Date)

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.