NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Pool Wildca Initial XX	t								Revised 12-1-
		F	ormation	Pictu	red Clif	fs 	County_	Rio Arr	iba
	An	nual		Spec	ial	**	Date of	Test_6	-28-57
Company Nort	hwast Produ	iction Co	Tp.	Lease	"E"		Wel	1 No	14-10
Unit 🔼	Sec. 10	Twp _ 261	Rg	e. 3W	Purc	haser No	t connect	ed	
Casing 7-5/8	Wt. 26.4	_I.D6.	969 _{Se}	t at 39	28 Pe	rf. 3725		To37	79
Tubing 2-3/8	Wt. 4.7	_I.D	Set	t at 59	08 Pe	rf. 3725		То	
Gas Pay: From	From 3725 To 3779 L xG -GI			GLBar.Press					
Producing Thru						Type We	ll Dual	G-G	
					Sin	gle-Rrade	nhead C	G or (G.O. Dual
					ED DATA		- -		
rested Through	(Ptbketi)	(Choke)	(Metell)				Type Tap	s	
Proven	Flow (Choke)	Data	Dice		Tubing	Data	Casing D	ata	
No. (Line)	(Ptlfice))		Temp.		İ]	1	Duration of Flow
Size	Size	psig	h _w	· ·	psig 1710		psig 995		Hr.
	3/4				1711		30		
					4/14		30	04	3 hrs
) .									
Coeffic	•				CULATION		·		·
· 0 •	. ,		ressure Flow Temp. Gravity Compress. Rate of Fl Factor Factor Factor Q-MCFPD		Q-MCFPD				
(24-Ho		¹ w ^p f	psia	F ₁	t	F _g	Fpv		@ 15. 0 25 psia
. 14.160			42	9962	,	9608	1 00/		#7 d
				7797		7000	1.004		_571
			PRE	SSURE CA	LCUTATIO	ons			
s Liquid Hydro	ocarbon Rat	io		cf/bbl.		Speci	fic Gravit	ty Sepa	rator Gas
avity of Liqu	id Hydrocar	bons	Negligib	deg.		Speci	fic Gravit 995	y Flow	ing Fluid
						C 		- V	
				 			2 2		
P _w	P ²	F_Q	(F_Q) ²	(F.	۵)2	P2	p~_p<	1 0-	1 I D
o. P _w	Pt ²	F _c Q	$(F_cQ)^2$	(F ₀	Q) ² -e ^{-s})	P _w 2	P _c -P _w ²	Ca P	t 7 7
P _w Pt (psia)	Pt ²	F _c Q	(F _c Q) ²	(F _C				1	w P _C
P _W Pt (psia)	Pt ²	F _c Q	(F _c Q) ²	(F _C		P _w 2	Pc-Pw	1	
P _w Pt (psia) 42						.8		1	w Pc
Pw Pt (psia) 42 bsolute Potent	rial:	572 oxthwest	Pipelin	MCFPD;	n_ 85	1.0017		1	w Pc
Pw Pt (psia) 42 bsolute Potent OMPANY DDRESS GENT and TITLE	Pacific N 405k W. B	572 orthwest	Pipelin Farming	MCFPD;	n_ 85	1.0017		1	w Pc
P _w Pt (psia) 42 bsolute Potent	Pacific N 405k W. B	572 orthwest	Pipelin Farming	MCFPD;	n_ 85	1.0017		1	w P _C

INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q I Actual rate of flow at end of flow period at W. H. working pressure (P_W) . MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n I Slope of back pressure curve.

Note: If P_{W} cannot be taken because of manner of completion or condition of well, then P_{W} must be calculated by adding the pressure drop due to friction within the flow string to P_{t} .

DRILLING DEPARTMENT

				COMPANY	Northwest	Product	ion Corp	•
				LEASE _	"E"		_ WELL NO	.14-10
				DATE OF	TEST6-28	3-57		
SHUT IN PRESSURI	E (PSIG): TUBIN	G (CASING9	95 S	. I. PERIOD	7		DAYS
SIZE BLOW NIPPLE							·	
FLOW THROUGH				DUTNO DD			Tack day	
				1	TUBING	1	Tubing	 -
TIME HOURS MINUTES	CASING PRESSURE	Q (MCFI 15.025 PSIA		WELLIIEA PRESSUE	AD WORKING		TEMD	
15	224						TEMP	
30	110				05		<u>62</u> 59	
1 0	72 57			17	07 08		60	
2 0	35				10		62	
3 0	30			17	11		64	
								
START AT:	11:40 am	·	END	TEST AT	2:40 p	m		
REMARKS:	Unable	to check PC	working p	ressure (lue to 1½" o	onnecti	lon	
								
						····		
			TE	STED BYD	C. Adams			
			WI	TNESS:				

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