OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE May 28, 1959

This is to notify the Oil Conservation Commission that connection for the purchase of Gas from the Oil Well Drilling Company , Wood State "A" , OPERATOR LEASE
#2 J , 16-20-37 , Eumont , El Paso Natural Gas Company , Name of Purchaser

WELL UNIT S.T.R. Pool Name of Purchaser

WAS MADE ON May 26, 1959 .

Date

El Paso Natural Gas Company
PURCHASER

REPRESENTATIVE

Alton F. Fuller

Ass't. Chief Field Dispatcher

CC: TO OPERATOR

OIL CONSERVATION COMMISSION - SANTA FE

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBS OFFICE OCC Form C-122

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS 15 PM Revised 12-1-55

Po	ol <u>EU</u>	MONT				_Fo	rmation	1	QUEE	N	County_		LEA	
Initial x					_AnnualS				cial		Date of	Test_	3-24-59	
Cor	npany	OIL V	VELL	DRILI	ING	CC	MPANY	Lease	Wood	State A	We	11 No.	2	
Uni	it <u> </u>		Sec. <u>1</u>	6Tw	p	2	20Rg	ge <u>3'</u>	7E Pu	rchaser_E	l Paso N	atura:	l Gas Co.	
Casing 51 Wt. 17# I.D. 4.892 Set at 3466 Perf. 3311 To 3403														
Tub	oing 2	3/8 v	vt.6.5	I	.D.		Se	t at/3	266	Peff.	3310	То	3420	
Tubing 2 3/8 Wt.6.5 I.D. Set at 3266 Perf. 3310 To 3420 Gas Pay: From 3310 To 3420 L 3266 Mix 516L 166 Bar. Press. 13.2														
Producing Thru: Casing Tubing Type Well Single Date of Completion: 3-4-59 Packer 3290 Type Well Single Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp.														
Tested Through (Prover) (Choke) (Meter) OBSERVED DATA ILLEGIBLE Type Taps														
	(Paraster)			Flow Da			Diff.	Temp	Tubir Press	ng Data	Casing		Downstian	7
No.	(L:		(O . 1.	fice)		ľ		o _F .		1	1	1 *	of Flow	
SI			 	ize	ps.	1g	h _w	-F.	psig 946	g Fr.	psig	°F.	Hr. 72	-
1.	2 x x				91 88			79 79	917 880			1	3	\exists
3.	2" x	.500			79	7		75	797			<u> </u>	3	\exists
<u>4.</u> 5.	2" x	.625 .500			76	3		68 65	691 763			 	23	4
			_					FLOW CAL)NS	***************************************	- 		
Wa		ffici	ent	· ····		Pre		Flow	Temp.	Gravity			Rate of Flow	7
No.	(24-Hour)			√ h _w p _f		ŗ	sia	Fac F	tor	Factor F _g	Facto		Q-MCFPD @ 15.025 psia	
1.	1.3309						.2	.9822		.9463	1.098		1.264	-
2. 3.	3.0300 5.4315					3 <u>93</u> 310		.9822 .9859		.9463	1.094		2.751	\exists
4.	8.54	8.5417 5.4315				7 <u>94</u> 176	.2	.9924 .9952		.9463 .9463	1.078	3	6.088	\exists
FRESSURE CALCULATIONS Gas Liquid Hydrocarbon Ratio 1,101.5 (cf/bbl. Specific Gravity Separator Gas 670 Specific Gravity Flowing Fluid 8697 Pc 959.2 Pc 920.1														
No.	Pt (p		$P_{\mathbf{t}}^2$				$(F_cQ)^2$	(F (1	_c Q) ² -e ^{-s})	P _w 2	P _c -P _w ²		al.	P. P.
2.	893.2	2	865.3 797.8	16.	14		54.9 260.5	超	1.7 E	77.2 873 125.9 834.	18.9 7 194.2 8	7.V	9.	3
4.	810.2		656.4 495.9				680.7 275.2			729.9 751		2467	2 90	* ***********************************
5.	776.2		602.5		. 32		641.1			71.7692		127.8	33.50 .80	
ADDI AGEN WITN COMI	Absolute Potential: 14,500 MCFPD; m 125 n 173 COMPANY OIL WELL DRILLING COMPANY ADDRESS 614-617 Adolphus Tower, Dallas 2, Texas (2) 9/3.4 AGENT and TITLE L. R. Massey, Lease Pumper (3) 867.0 WITNESSED J. B. Murray COMPANY El Paso Matural Gas Co. conducted by Jack T. Littlefield 832.0 REMARKS Company Has New Test Lated June 11-19/57 Company Has New Test Lated June 11-19/57 Company Has New Test Lated June 11-19/57													
	t p		APm	Has	(N	en T	Tust ,	Radid ve - !	Juni D: .	11-19/ 499 =	12,20	0 A.	O.P.	i

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 = Actual rate of flow at end of flow period at W. H. working pressure (Pw). MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- PwT Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- $h_{\mbox{W}}$ Differential méter 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 $P_{\mathbf{w}}$ cannot be taken because of manner of completion or condition of well, then $P_{\mathbf{w}}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\mathbf{t}}$.