### NEW méxico oil conservation commis on

FORM C-103 (Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Compa	any Jal Oil	Company, I	ne.	Addre	ess Draw	ver Z,	Jal, New	Mexi	Lco	
Lease	larner		Well No.	Unit Letter	Section 20	Townshir 25S	>	Range		
Date Work Perf	May 29, 1	9591	Langlie	-Matti	K	County Le	a			
		THIS IS	A REPORT	OF: (Check	appropri	ate block)	·		·····	
Beginning	Drilling Operatio	ns Cas	sing Test and	d Cement Jo	b	Other (	Explain):			
Plugging		Ren	nedial Work			Perfor	ation			
Detailed accou	nt of work done, n	ature and quantity	of materials 1	used, and re	sults obta	ined.	····			
<b>6-29-59 6-1-59</b>	and land: with 300 set @ 11	3/4" hole ing joint o sax - 2 st 50 ft. Plu wait 30 mi	f 7" 23 age - 2 gged do	# N-80 00 sax wn. W.	casin @ sho O. C.	g set e and 48 ho	@ 3444 f1 100 sax @ uts - pro	t. ( @ D.V essur	Cemented  I. Tool  Ted up	
6-4-59	perforation Sand-fraction Covered in Sand-frac	ed casing for the case of the	et. 4 1,000 g	shot p	er fo	ot.	_			
Witnessed by			Position Company				<del></del>			
							····			
		FILL IN BEL		MEDIAL V		PORTS O	NLY		<del></del>	
D F Elev. T D			PBTD				Interval	Com	apletion Date	
		Im			7					
Tubing Diameter Tubing Depth			Oil String Diam		ter	Oil Strin	String Depth			
Perforated Inter	val(s)	<del>4</del>	<del></del>				<b>-</b>			
	· <del>. · · · · · · · · · · · · · · · · · ·</del>									
Open Hole Inter	va:			Produci	ing Forma	tion(s)				
			RESULT	S OF WOR	COVER					
Test	Date of Test	Oil Production BPD		oduction FPD		roduction PD	GOR Cubic feet/I		Gas Well Potential	
Before Workover										
After Workover										
	OIL CONSERVA	TION COMMISSION	· · · · · · · · · · · · · · · · · · ·	I here to the	by certify best of r	that the inny knowleds	formation giver	above	is true and complete	
Approved by	4/1	i Chic		Name	200	9/1	id .			
Title Of Original Title					on Pro	oduction	n Superi	nten	dent	
Date		<del></del>		Compa	ny			<del></del>		
					ua.	r OTT (	o., Inc.	, ur	awer Z, Jal	

# NEW MEXICO OIL CONSERVATION COMMISSION COMMI

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nitia											11-9-59
											2
it _	J	Sec2	20 Tw	p. <b>25</b>	Rg	ge <b>. <u>37</u></b>	Purc	haser <b>El</b>	Paso N	atural	Gas Co.
sing	7	Wt. 23	. <b>0</b> I	.D	Se	t at 34	<b>44</b> Pe	26 <b>70</b> rf. <u>2760</u>		31' To 32'	70 74
	•										
											ss. <u>13.2</u>
											3.0. Dual
te o:	f Comple	tion:	10-2	21-59	Packe	r no	Sin <sub>i</sub>	Zle-Brade Reservo	nhead-G. ir Temp.	G. or G	.O. Dual
	•	_				OBSERVI					
sted	Through	(Prox	ver)·M	(distributor)	(Martingora)		DD DAIA		Туре Тар		
		_					m.v.				
T 7	(Prover)	(Olive	low Da	Proce	Diff	Temp	Tubing	Tomo	Casing I	Tom	Duratio
	(Inter) Size	(Orif	ice)	nsiø	h	o <sub>F</sub>	nsiø	o <sub>F</sub> ,	nsig	or.	of Flo
$\vdash$		+		P518	W		barg		hare	F •	<del> </del>
	2	1.1	875	364	<del>   </del>	75			3 <b>82</b> 364		72
	2	.2		356		68			356	1	
	2	-3		319		64			319		3
-	2	5	00	202		64			202	2	3
	(24-Hot	ır)	√ h <sub>w</sub> p	Pf	psia	Fact F <sub>t</sub>	tor t	Factor F <sub>g</sub>	Facto	or	Rate of Flow Q-MCFPD @ 15.025 psi
	1.0634			3	69.2	9850		9366	1.04		387
	2.1577			3	32.2	9962	2	9366	1.03		693
	5.5233			2	15.2	.9962	2	9366	1.02	23	1,134
											<del></del>
Liqu rity	uid Hydro of Liqui	d Hydr	ocarbo	onse-s)	<b>ry</b>		ALCUIATIC	Speci: Speci:	fic Gravi	ty Flow	rator Gas ing Fluid
Liqu rity Pw	of Liqui	ld Hydr	rocarbo (1	ons _e-s)	(F <sub>c</sub> Q) <sup>2</sup>	cf/bbl. deg. (Fc	Q) <sup>2</sup> -e <sup>-s</sup> )	Speci: Speci:	fic Gravi	ty Flow Pc	ing Fluid
P <sub>w</sub>	of Liqui	ld Hydr	rocarbo (1	ons _e-s)	(F <sub>c</sub> Q) <sup>2</sup>	cf/bbl.deg.	Q) <sup>2</sup> -e <sup>-s</sup> )	Special Special Pc Pw2	fic Gravi 395.2 P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	ty Flow Pc 15 Cal	ing Fluid  1. Pw Fc
P <sub>w</sub>	of Liqui	Pt	Fc	Q 25	.118 (F <sub>c</sub> Q) <sup>2</sup>	cf/bbl. deg. (Fc (1-	Q) <sup>2</sup> -e <sup>-s</sup> )	Special Special Pc Pw2	fic Gravi 395.2 P <sub>c</sub> -P <sub>w</sub> <sup>2</sup>	ty Flow PC 1	ing Fluid  Pw Pc  2 95
P <sub>w</sub>	of Liqui	Pt 136.	F <sub>C</sub>	Q 25 33	(F <sub>c</sub> Q) <sup>2</sup>	cf/bbl. deg. (Fc (1-	Q) <sup>2</sup> -e <sup>-s</sup> )	Special Special Special Pc - 3	P <sub>c</sub> -P <sub>w</sub>	Ca: P, 377.	l. Pw Pc
Pw P	(psia) (p	Pt 136. 136. 110. ial: 011	F <sub>C</sub>	25 33 60 98	(F <sub>c</sub> Q) <sup>2</sup> .06 .11 .36 .96	cf/bbl.deg.  (Fc (1-	Q) <sup>2</sup> -e-s) 07	Special Special Special P <sub>c</sub>	P <sub>c</sub> -P <sub>w</sub> 13.9  19.9  109.9	Cal Pc 13	ing Fluid  1. Pw Fc  2 95 2 95 3 56
Pw P	of Liqui (psia) 77.2 9.2 12.2 12.2 e Potent	Pt 136. 136. 110. ial: 011	F <sub>C</sub>	25 33 60 98	(F <sub>c</sub> Q) <sup>2</sup> .06 .11 .36 .96	cf/bbl.deg.  (Fc (1-	Q) <sup>2</sup> -e-s) 07	Special Specia	P <sub>c</sub> -P <sub>w</sub> 13.9  19.9  109.9	Cal Pc 13	ing Fluid  1. Pw Fc  2 95 2 91 3 56

### 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  $\equiv$  Actual rate of flow at end of flow period at W. H. working pressure (P<sub>W</sub>). 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
- 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 \_ Slope of back pressure curve.

149£e: .	Ιľ	Pw cannot be taken because of manner of completion or condition	
	of	well, then Pw must be calculated by adding the pressure drop due	3
	to	friction within the flow string to Pt.	