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 DOMÉ STORAGE AREA)

$P_{c} = \frac{1}{4} P_{c} = \frac{1}{4} (1)$ $P_{c} = \frac{1}{4} P_{c} = \frac{1}{4} (1)$ $P_{c} = \frac{1}{4} P_{c} = \frac{1}{4} $	Pool	• •		Formation.	Most Vert	County		
District   Sec.   Twy   Rige   Poy Zone: From   To   To   Cosing: OD   WT   Tr. Perf.	Purchasing Pip	peline		ER PARKE	Do	te Test Filed	7-16-56	·
Jult Sec. Two Rige. Poy Zone: From To Casing: OD WT. T. Perf. Produced Through: Casing Tubing: OD WT. T. Perf. Produced Through: Casing Tubing: OD WT. T. Perf. To Casing: OD WT. T. Perf. The Casing Tubing: OD WT. T. Perf. To Casing: OD WT. T. Perf. The Casing Tubing: OD WT. T. Perf. The Casing: OD WT. T. Perf. The Casing: OD WT. The Casing: OD WT. T. Perf. The Casing: OD WT. T. Perf. The Casing: OD WT. T. Perf. The Casing: OD WT. The Casing: OD W	Operator	749 <u>(</u> 1844-1848)		Lease	m June 19-6		ell No.	ŀ
Conting: OD WT. Set At Tubing: OD WT. T. Perf.  Produced Through: Casing Tubing Gas Gravity: Measured Estimated  Onte of Flow Test: From To Street S.I.P. Measured  Other of Flow Test: From To Street S.I.P. Measured  Other of Flow Test: From To Street S.I.P. Measured  Other of Flow Test: From To Street S.I.P. Measured  Other of Flow Test: From To Street S.I.P. Measured  Other of Flow Test: From To Street S.I.P. Measured  Other S.I.P.	_		Twp	Rge <b>6</b>	Pay Zone: Fro	m 3070	To <b></b>	
Produced Through: Casing Tubing Gas Gravity: Measured Date of Flow Test: From To 2 Date S.I.P. Measured Date of Flow Test: From To 2 Date S.I.P. Measured Deter Run Size Orifice Size Type Chart Type Taps    Description of Program of		al e					T. Perf.	May.
Date of Flow Test: From							_	 d
Acter Run Size  Onfice Size  Type Chart  OBSERVED DATA  Thowing casing pressure (Dwt)  Dowing near pressure (Dwt)  Dowing meter pressure (Dwt)  Dowing meter pressure (Dwt)  Dowing meter pressure (Dwt)  Square root chart reading ( paid 12 = paid 13 = paid 14 = paid 1							<b>77</b>	
Comparison of the Parison of Company   Compa		· /		,			Type Taps	
Powing casing pressure (Dwt)	weter nun Size	· <del></del>	O			be Olidit	: ) pc : upo	· · · · · · · · · · · · · · · · · · ·
	lowing casing p	oressure (Dwt)		<u></u>	ps	ig + 12 =	p	sia (
Nomal chart reading								
Normal chart reading			_			ig + 12 =	p:	sia (
Square root chart reading (			ling when Dwt. me			ia + 12 =	The state of the s	sia (
Summary   Sum	Square root ch	hart reading (	) 2 x spring			<del>-</del> .	-	
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			,,			=	p:	si (
Seven day average static meter pressure (from meter chart):  Normal chart average reading  Normal chart average reading (	-	• • • • • •	neter:					
Nomal chart average reading	(b) - (c) Flow	through tubing: (c	r) - (c) Flow throu	gh casing		=	p:	si (
Square root chart average reading (	Seven day averaç	ge static meter pre	ssure (from meter	chart):	h ha		100	
Corrected seven day avge, meter press, $(p_f)(g) + (e)$ $p_f = (h) + (f)$ wellhed costing shut-in pressure $(Dwt)$ $p_g = (f) + (f)$ wellhed tubing shut-in pressure $(Dwt)$ $p_g = (f)$ or $(k)$ whichever well flowed through $p_g = (f)$ or $(k)$ whichever well flowed through $p_g = (f)$ or $(k)$ whichever well flowed through $p_g = (f)$ or $(k)$ whichever $(f)$ or $(g)$ whichever $(g)$ or $(g)$ or $(g)$ whichever $(g)$ or $(g)$ or $(g)$ or $(g)$ or $(g)$ or $(g)$ whichever $(g)$ or $(g)$	Normal chart	average reading				ig + 12 =		,
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Wellhead tubing shut-in pressure (Dwt)		chut-in pressure (	Dwtl		1110 ps	ia + 12 =	1144	
$\begin{array}{c} P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ or } (k) \text{ or } (k) \text{ whichever well flowed through} \\ P_{c} = (j) \text{ or } (k) \text{ or } (k)$					1146	-	1199	
Flowing Temp. (Meter Run) $P_{d} = \frac{1}{4} P_{c} = \frac{1}{2} (1)$ $P_{d} = \frac{1}{4} P_{c} = \frac{1}{4} P_{d} = \frac{1}{4} P_{c} = \frac{1}{4} P_{d} = $			ed through			=	1120 p	sia (
$Q = \underbrace{\begin{array}{c} \text{Integrated} \end{array}} \times \underbrace{\begin{array}{c} \text{FLOW RATE CALCULATION} \\ \text{V(d)} \end{array}} = \underbrace{\begin{array}{c} \text{DELIVERABILITY CALCULATION} \\ \text{P}_{c}^{2} \cdot \text{P}_{d}^{2} \end{array}} = \underbrace{\begin{array}{c} \text{DELIVERABILITY CALCULATION} \\ \text{P}_{c}^{2} \cdot \text{P}_{d}^{2} \end{array}} = \underbrace{\begin{array}{c} \text{DELIVERABILITY CALCULATION} \\ \text{P}_{c}^{2} \cdot \text{P}_{d}^{2} \end{array}} = \underbrace{\begin{array}{c} \text{Desian Company} \\ \text{Mcf/day} \end{array}} = \underbrace{\begin{array}{c} \text{Desian Company} \\ \text{Mcf/day} \end{array}} = \underbrace{\begin{array}{c} \text{Desian Company} \\ \text{Desian Title} \\ \text{Desian Company} \\ $	Flowing Temp. (1	Meter Run)			0	= :	·	Abs (
$Q = \underbrace{\begin{array}{c} & & & & & & & & & & & & & & & & & & &$	P <sub>d</sub> = ½ P <sub>c</sub> = ½ (1	1)				=	р	sia (
SUMMARY $P_{c} = P_{w}^{2} =$	•		V(c)	OW RATE CAL	<u>CULATION</u> =	= -		MCF/da
SUMMARY $ \begin{array}{cccccccccccccccccccccccccccccccccc$		Γı	DEI	JVERABILITY	CALCULATION			<del></del>
Psia   Company   Psia   Company   Psia   Company   Psia   Psia   Psia   Psia   Title   Psia   Psia   Witnessed by   Psia   Witnessed by   Psia   Witnessed by   Psia   Mcf/day   Company   Company   Psia	) = Q	L.000	$\frac{P_{c}^{2}-P_{w}^{2}}{P_{c}^{2}-P_{w}^{2}}=$	.800 n	1.00	=_	1,000	ICF/da.
Mcf/day   By   Psia   Title   Psia   Witnessed by   Company	SUMMAI	RY		•				
Poid   Title   Poid   Witnessed by   Poid   Witnessed by   Poid	c =	13.60		psia	Company.		A121-11	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	· =		<u> </u>	Mcf/day	•		<del></del>	<del> </del>
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	**	3		-			<del></del>	
This is date of completion test.  Meter error correction factor  REMARKS OR FRICTION CALCULATIONS  GL (1-e^-s) (F <sub>c</sub> Q)2 (1-e^-s) Pt <sup>2</sup> Pt <sup>2</sup> + R <sup>2</sup> F	d =	هاه ا			•		<u> </u>	
Meter error correction factor $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	· =			MCI/ ddy	Company			
GL $(1-e^{-s})$ $(F_cQ)^2$ $(1-e^{-s})$ $P_t^2$ $P_t^2 + R^2$ $F_t^2 + R^2$		•				_	•	
GL $(1-e^{-s})$ $(F_cQ)2$ $R^2$ $(Column i)$	<del></del>		REMA			<del></del>	<u> </u>	<del></del>
and the fact that the second the	GL	(1-e <sup>-S</sup> )	(F <sub>c</sub> Q)2	(100)			$P_t^2 + R^2$	Pw
	1972	0.240	606.244	150,9	M.Ca	#2.5#L	363-452	648
					11/1/N			

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