## Intital 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 DOME STORAGE AREA)

Unit	Purchasing l	Pipeline	al P	aso Natural	L Gas Co		_Date Test File	d say 10	1957
Casing: OD WT Set At Tubing: OD WT T. Perf.  Produced Through: Casing T Tubing Gos Gravity: Measured Set On Estimated  Date of Flow Test: From WY57 To W57 ** Date S.I.P. Measured  Meter Run Size Type Chart Start Type Chart Type Chart Start Type Chart Type	Operator	Skelly	77 (a		Lease	mah Victoria	<b>)</b>	Well No	2
Casing: OD WT Set At Tubing: OD WT T. Perf.  Produced Through: Casing T Tubing Gos Gravity: Measured Set On Estimated  Date of Flow Test: From WY57 To W57 ** Date S.I.P. Measured  Meter Run Size Type Chart Start Type Chart Type Chart Start Type Chart Type	Unit	R Sec.	1	Twp	Rge. 9	Pay Zone:	: From	То	<del></del>
Produced Through: Casing Tubing Gos Gravity: Measured Matter Fun Flow Test: From 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 To 1/6/57 Date S.I.P. Measured Matter Run Size 1/57 Date S.I.P. Measured Passaure Run Size 1/57 Date S.I.P. Measured Passaured Run Size 1/57 Date S.I.P. Measured Passaured Run Size 1/57 Date S.I.P. Measured Passaured Passaured Run Size 1/57 Date S.I.P. Measured Passaured	Casina: OD								
Date of Flow Test: From   1/37   To   1/37   Date S.I.P. Measured						_			
OBSERVED DATA   OBSERVED DATA   OBSERVED DATA   Paig + 12 =									
DESERVED DATA   Paig + 12 =									
Plowing cosing pressure (Dwt)	Meter Run Si	ize	<u></u>	Orifi			_Type Chart <b>S</b>	Туре	Taps
Powing tubing pressure (Dwt)									
Powing meter pressure (Dwt)									
Nomal chart reading   psiq + 12 = psia   psiq + 12 = psiq   psiq + 1									
Nomal chart reading	-	• '					parg + 12		pard
Square root chart reading	-	-					psig + 12 =		psia
Friction 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 roo	t chart reading	(						
Seven day average static meter pressure (from meter chart):  Nomal chart average reading	Meter error (c)	- (d) or (d) - (	c)		±		=		psi
Seven day average static meter pressure (from meter chart):  Normal chart average reading	Friction loss,	Flowing colum	nn to mete	r:					
Normal chart average reading							=	· · · · · · · · · · · · · · · · · · ·	psi
Square root chart average reading ( ) 2 x sp. const.	·=	-	-	re (from meter cl	hart):		ngia + 12 -		neia
Corrected seven day arge, meter press, $(p_1)$ $(g) + (e)$ $P_1 = (h) + (f)$ Well linead cusing shut-in pressure $(Dwt)$ $P_2 = (h) + (f)$ Posity psiq psiq psiq psiq psiq psiq psiq psiq				5.50 )2x	sn. const.	30.00	psig + iz =	303	•
P <sub>c</sub>   (a) + (f)   (b)   (b)   (b)   (c)							=		•
Wellhead tubing shut-in pressure (Dwt) psiq +12 = psia psia psia psia psia psia psia psia			•			<del></del>	=	303	psia
Position	Wellhead casi	ng shut-in pres	ssure (Dwt	)		4	psig + 12 =	717	psia
Flowing Temp. (Meter Run) $P_{d} = \frac{1}{4} P_{c} = \frac{1}{4} (1)$ $P_{d} = \frac{1}{4} P_{c} = \frac{1}{4} P_{d}$ $P_{d} = \frac{1}{4} P_{d} = \frac{1}{4} P_{d}$ $P_{d} = $	Wellhead tubir	ng shut-in pres	sure (Dwt)			695	psig + 12 =	707	psia
$P_{d} = \frac{1}{N} P_{c} = \frac{1}{N} (1)$ $P_{d} = \frac{1}{N} P_{c} = \frac{1}{N} P_$	$P_c = (j) \text{ or } (k)$	whichever we	ll flowed t	hrough	<b>3</b> 0		=	<del>737</del>	psia
FLOW RATE CALCULATION  V(c) = = = MCF/d  DELIVERABILITY CALCULATION $P_{c}^{2} - P_{d}^{2} = \frac{35.928}{22.280}  n = \frac{1037}{22.280}  MCF/d$ SUMMARY $P_{c}^{2} - P_{w}^{2} = \frac{1119}{22.280}  p_{d}^{2} = \frac{1037}{22.280}  MCF/d$ Posia Company Collectic Inc.  McF/day By in Jacobstrie Inc.  Posia Company Collectic Inc.  Posia Company Collectic Inc.  Note of the posia Witnessed by Mcf/day Company.  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> P <sub>t</sub> <sup>2</sup> + R <sup>2</sup> P				2	<u>•</u> F+	460	=		
DELIVERABILITY CALCULATION  DELIVERABILITY CALCULATION $P_c^2 - P_d^2 = 285.928$ $P_c^2 - P_w^2 = 22.220$ $P_c^2 - P_w$	Q =(integrate		X		<del></del> =	=			MCF/do
SUMMARY $p_c^2 - p_w^2 = 22220$ $p_c^2 - p_$			<del></del>		VERABILI	TY CALCULAT	TON		·
SUMMARY $P_c^2 - P_w^2 = 222$ $P_c^2 - P_w^2 = 222$ psia $P_c^2 - P_w^2 = 222$ psia $P_c^2 - P_w^2 = 222$	) = 0	1119	F2°		928	n	==================================	1037	MCF/da.
Point   Poin	·		P <sup>2</sup> <sub>c</sub>	-Pw)= <b>122</b>	280	.]			
Mcf/day  By Jeffconthy  Dy Sia Title  Dy Sia Witnessed by Company  This is date of completion test.  Meter error correction factor  REMARKS OR FRICTION CALCULATIONS  GL (1-e-s) (FcQ)2 (1-e-s) Pt <sup>2</sup> Pt <sup>2</sup> + R <sup>2</sup> P	SUMM	MARY	717		psia	Company	Geoloetric.	ine ,	
psia Title psia Witnessed by  Mcf/day Company  This is date of completion test.  Meter error correction factor  REMARKS OR FRICTION CALCULATIONS  GL (1-e-s) (F <sub>C</sub> Q)2 (F <sub>C</sub> Q)2 (1-e-s) Pt <sup>2</sup> P <sub>t</sub> <sup>2</sup> + R <sup>2</sup> P	e = <u></u>		119		=	ву Л.	McConsthy	4. I. m	" Consi
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) Pt^2 Pt^2 Pt^2 Pt^2 Pt^2 Pt^2 Pt^2 Pt^2	~=		303		•		•		
This is date of completion test. Meter error correction factor	od =		356		_ psia	Witnessed h	ру		
Meter error correction factor REMARKS OR FRICTION CALCULATIONS	=		037		_ Mcf/day	Company	-	<del></del>	
REMARKS OR FRICTION CALCULATIONS  GL (1-e <sup>-s</sup> ) $(F_cQ)^2$ $(1-e^{-s})$ $Pt^2$ $Pt^2 + R^2$ $Pt^2 + R^2$		-							
GL $(1-e^{-2})$ $(F_cQ)2$ $P_t^2 + R^2$ $P$	Weter error e	oncenon racio	•	REMARK	S OR FRIC	TION CALCULA	TIONS		
	GL	(l-e <sup>-S</sup> )		(F <sub>c</sub> Q)2	(Fo	,		1 7	-R <sup>2</sup> Pw
14						· · · · · · · · · · · · · · · · · · ·	(COZUM)		
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