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 DOME STORAGE AREA)

Park Assert ean Petrolesis Corp.  Park Assert ean Petrolesis Corp.  Decoting  Lease  Pay Zone: From  To  Trainit  Sec.  Twp  Set At  Tubing: OD.  T. Perf.  Produced Through: Casing  Tubing: Gas Grovity: Measured  Deteror Flow Test: From  To  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Chort  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing ration pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing pressure (Dwt)  Design Type Tops  OBSERVED DATA  Lowing thing Type Tops  OBSERVED DATA  Lowing thing thing the Type Tops  OBSERVED DATA  OBSERVED DATA  Lowing thing Type Tops  OBSERVED DATA  Lowing thing Type Tops  OBSERVED DATA  Design Type Chort  Type Tops  Type Tops  Type Tops  Type Tops  Type Tops  Type Tops  Design Type Chort  Type Tops	West Kuks-Pistered Cliffs		tured Cliffs		n June	
Description Description		Formation	-	County	<b>6, 195</b> 9	
Descripton   Des	Purchasing Pipeline		Date T	est Filed		
Init Sec. Twp. Sec. Twp. Gas. Prog. To. To. Perf. Two. Casing: OD. WT. Set At. Tubing: OD. T. Perf. Two. Casing: OD. WT. Tubing: OD. T. Perf. Tubing: OD. Tubing: OD. T. Perf. Tubing: OD. Tubing:	Danaman	-	s carpon tal	. W-11 N.	**	
Sesing: OD WT. Set At Tubing: OD T. Perf. Produced Through: Casing Tubing Gas Gravity: Measured Set	n )) 678		ry Zone: From-		,	
Tubing Gas Gravity: Measured Estimated Protest Flow Test: From To Control I.P., Measured Type Tops  OBSERVED DATA  To Description of Flow Test: From Top Tops  OBSERVED DATA  Type Tops  O	The second secon					-
Content of Flow Test: From	***					
Company   Comp	roduced inrough: CasingIubin	F-15-59 Gas	s Gravity: Measu	red	_Estimated	
Company   Comp	The state of the s	- ·	•	• -		-
lowing costing pressure (Dwt)	Meter Run SizeOrifice	e Size	Туре С	hart	Туре Тарs	
Dowing make pressure (Dwt)		OBSERVED DA	ATA			
lowing meter pressure (Dwt)						(0
lowing meter pressure (meter reading when Dwt, measurement taken:  Nomal chart reading (					-	(ì
Normal chart reading			psig +	12 =	psia	(c
Square root chart reading (						
eter error (c) - (d) or (d) - (e)  eter error (c) - (d) or (d) - (e)  friction loss, Flowing column to meter:  (b) - (c) Flow through tabing; (e) - (c) Flow through casing  even day average static meter pressure (from meter chart):  Normal chart average reading			psig +		-	(0
Company					_	
(b) - (c) Flow through tubing; (a) - (c) Flow through cosing  wen day overage static meter pressure (from meter chart):  Nomal chart average reading		Ŧ		=	psi	(•
wen day average static meter pressure (from meter chart):  Normal chart average reading		asi na		=	nei	16
Normal chart average reading					p=1	,,
Square root chart average reading (	• •		psig +	12 = 224	psia	la
Corrected seven day arge, meter press. (pr) (g) + (e)		o. const			•	
				= 221	•	
Signature   Company   Passage   Company   C	$P_{t} = (h) + (f)$	**	261	= 273	•	•
Paid				12 =	•	-
STANDARY	ellhead tubing shut-in pressure (Dwt)		· -		•	-
Company   Comp	c = (j) or (k) whichever well flowed through			-::	•	•
= ½ P <sub>C</sub> = ½ (1)	lowing Temp. (Meter Run)	°F + 460		= 137	-	
N(d)   DELIVERABILITY CALCULATION	$P_{d} = \frac{1}{2} P_{c} = \frac{1}{2} (1)$			=		(r
SUMMARY    Pc - Pd   Summary   Pc - Pd   Pc - Pd     Pc - Pd   Pc - Pd   Pc - Pd     Pc - Pd   Pc - Pd   Pc - Pd     Pc - Pd   Pc - Pd   Pc - Pd     Pc - Pd   Pc - Pd   Pc - Pd     Pc - Pd   Pc     Pc - Pd   Pc     Pc - Pd   Pc     Pc - Pd	$= \underbrace{\qquad \qquad}_{\text{(integrated)}} X \qquad \underbrace{\qquad \qquad}_{\text{(c)}}$	RATE CALCULA = -	<u>TION</u> =		MCF/	dα
SUMMARY    Pc - Pw   Psia   Company   Psi American   Psia	F	_		301.	MCF/d	n.
psia Company  Mcf/day By  psia Title  psia 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) Pt²  R2 (Column in Section 1.1)	$\left[ \left\langle P_{c}^{2} - P_{w}^{2} \right\rangle = \frac{1}{2} \right]$			-		
Mcf/day  psia  psia  psia  Witnessed by  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> R <sup>2</sup> (Column in Column in Colu	~13	neta Com	Pan Am	erican Petrol	man Cersors	Ma
psia Title	· 447		E. J.	Meer, dr.	MROUS	
psia Witnessed by	- Lib	MCI/day Dy.	1764 %	A CHARLE		
Mcf/day Company  This is date of completion test.  Reter error correction factor  REMARKS OR FRICTION CALCULATIONS  GL (1-e-s) (FcQ)2 (1-e-s) Pt2  R2 (Column in Column in Colum		seia Tit			······································	
This is date of completion test.  Meter error correction factor  REMARKS OR FRICTION CALCULATIONS  GL (1-e-s) (FcQ)2 (1-e-s) Pt2 P2 P2 P2 P3 P4 P2 P4	131					_
GL $(1-e^{-S})$ $(F_cQ)^2$ $(1-e^{-S})$ $Pt^2$ $Q$		osia Wit	nessed by			
R <sup>2</sup> (Column it	This is date of completion test.  Meter error correction factor	osia Witi Mcf/day Con	nessed by	0.8	PER	
	This is date of completion test.  Meter error correction factor  REMARKS	osia Wita Acf/day Con OR FRICTION CA	nessed by	On E	PEC	<u></u>
Prietion Lose Heglighble	This is date of completion test.  Meter error correction factor  REMARKS	OR FRICTION CA	nessed by	1 464	P()	
	Fhis is date of completion test.  Meter error correction factor  REMARKS (  GL (1-e-s) (F <sub>c</sub> Q)2	OR FRICTION CA	nessed by	1 464	**************************************	}

Shed-in Pressure marailable. The 261 paig stat-in pressure was obtained by averaging the shut-in pressures on four measty wells, Galleges Campon Unit Nos. 12, 12, 65 and 66, which had shut-in pressures of 260, 262, 260 and 262 paig, respectively.