

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

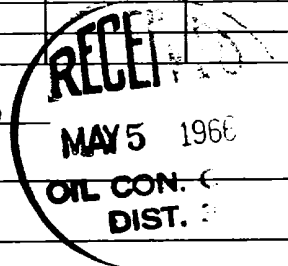
Pool Basin Dakota			Formation Dakota			County San Juan			
Initial X		Annual		Special		Date of Test 3-31-66			
Company Sunset International Petro. Corp.			Lease Krtz "J" Fed.			Well No. 1			
Unit 5	Sec. 1	Twp. 27	Range 10		Purchaser				
Casing 5.5	Wt.	I.D.	Set at 6576		Perf. 6394		To 6552		
Tubing 2.375	Wt.	I.D.	Set at 6489		Perf.		To		
Gas Pay:	From	To	L	G	GL	Bar. Press.			
					.650	12.0			
Producing Through:		Casing	Tubing		Type Well - Single - Braden head - G.G. or G.O. Dual				
			X		Single				
Date of Completion		Packer			Reservoir Temp. 158				
OBSERVED DATA									
Isolated Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps			
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
	(Prover, (Line) Size)	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1.						1905		1919	
2.		3/4				293	60	861	3 hr.
3.									
4.									
5.									
6.									
FLOW CALCULATIONS									
	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia		
1.	12.3650		305	1.000	.9608	1.031	3734		
2.									
3.									
4.									
5.									
PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____				
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____				
F _c _____ (1-e ^{-S})					P _c 1931 P _c ² 3728761				
No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.	873					762129	2966632		
2.									
3.									
4.									
5.									

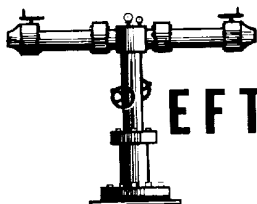
ABSOLUTE POTENTIAL: 4432 MCFPD; n .75 1.1869

COMPANY _____ WITNESSED _____

ADDRESS _____ COMPANY _____

AGENT AND TITLE _____





BHP * BU * PI * DD * GWT * RFS * GOR * FL * TS

TEFTELLER, INC.

reservoir engineering data

Associated with *Dennis Owens Co.*

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO

P. O. Box 5247

Midland, Texas 79702

April 7, 1966

Sunset International Petroleum Corp.
Post Office Box 107
Farmington, New Mexico

Attention: Mr. Don Fieldsted

Subject: Absolute Open Flow and Bottom
Hole Pressure Measurement
Kutz "J" Fed No. 1
Basin Dakota Field
San Juan County, New Mexico
Our File No. 2-1906-P

Gentlemen:

Attached hereto are the results of a absolute open flow and
bottom hole pressure measurement which was made on subject
well March 31, 1966.

The data presented are in tabular and graphical form.

It has been our pleasure to have conducted this service for
you. If we may be of further assistance, please feel free to
call us at anytime.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller
Neil Tefteller

NTcc

Attachments



Serving the Permian Basin & Rocky Mountain Area

Company SUNSET INTERNATIONAL PETROLEUM CORP. Lease KUTZ "J" FED Well No. 1
 Field EASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DAKOTA Test Date MARCH 31, 1966

PRESSURE POUNDS PER SQUARE INCH GAUGE

