

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on **DEC 27 PM 12:32**

1. Type of Well  
GAS

RECEIVED  
FEB - 7 1997

070 FARMINGTON, NM

5. Lease Number  
SF-078423  
6. If Indian, All. or  
Tribe Name

2. Name of Operator

OIL CON. DIV.  
DIST. 3  
BURLINGTON  
RESOURCES  
OIL & GAS COMPANY

7. Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

San Juan 29-7 Unit  
8. Well Name & Number  
San Juan 29-7 U #520

4. Location of Well, Footage, Sec., T, R, M

1600' FSL, 900' FWL, Sec. 8, T-29-N, R-7-W, NMPM

9. API Well No.  
30-039-25635  
10. Field and Pool  
Basin Fruitland Coal/  
So. Blanco Pict. Cliffs  
11. County and State  
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other -

13. Describe Proposed or Completed Operations

Maximum surface pressure with evacuated hole: 1000 psi (0.22 psi/ft x 3063' TVD = 326 psi. Surface casing needed by Onshore Order #2: 326 psi/1-0.22)psi/ft = 418 ft

Burlington Resources requests a variance from this requirement based on the following:  
The attached 9-Section plat indicates very low production rates in the area. All wells on the 9-Section plat have been hydraulically fractured and do not produce more than 600 MCFGPD, indicating very low permeability. The attached bottom hole pressure test for the offsetting San Juan 29-7 Unit #583 indicates a very low natural permeability. Bottom hole pressure was 572 psi in 173 hours (7.2 days) in 1993.

It is intended to set surface casing at 200'. After waiting on cement for 12 hours, drill 10' feet of new hole. Load hole w/8.6 ppg mud. Pressure test the shoe to a pressure equivalent to 326 psi surface pressure.  
 $326 \text{ psi} + (210' \times 0.22 \text{ psi/ft}) = 372 \text{ psi}$  equivalent pressure at casing point with evacuated hole.  
 $210' \times 8.6 \text{ ppg} \times 0.052 = 94 \text{ psi}$  hydrostatic pressure during test.  
 $372 \text{ psi} - 94 \text{ psi} = 278 \text{ psi}$  surface pressure needed for test.

Pressure test shoe to 300 psi.

Continued on back

14. I hereby certify that the foregoing is true and correct.

Signed Duane W. Spencer Title Regulatory Administrator Date 12/27/96

(This space for Federal or State Office use)  
APPROVED BY JS/ Duane W. Spencer Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

Date FEB 05 1997

Burlington Resources will also conduct a natural production test on the Pictured Cliffs formation before hydraulically fracturing the formation. After perforating the interval, the well will be swabbed and allowed to flow naturally. This data will be reported to the BLM on a subsequent sundry.

SAN JUAN 29-7 #520  
SW/4 29N 7W

RECEIVED  
BLM

96 DEC 27 PM 12:32  
070 FARMINGTON, NM

583 SAN JUAN 29-7 UN  
6 5



85 MCF/D

4

519 SAN JUAN 29-7 JN



230 MCF/D

7

8

520



9

18

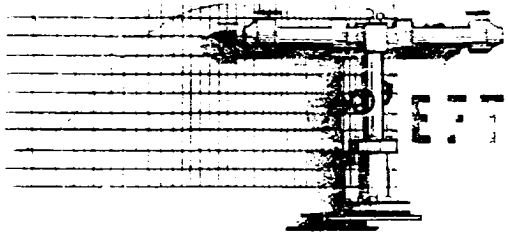
17

92

SAN JUAN 16 29-7 UN



600 MCF/D



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

**TEFTELLER, INC.**

reservoir engineering data

P. O. Box 5278  
Midland, Texas 79704-5278  
(915) 694-0477

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO  
GRAND JUNCTION, COLORADO

96 DEC 27 PM 12:32

Midland Fax (915) 694-7602  
Farmington Fax (505) 325-1148  
Grand Junction Fax (303) 241-7634

070 FARMINGTON, NM

July 28, 1993

Meridian Oil Inc.  
Box 4289  
Farmington, NM 87499

Attention: Mr. Kurt Shipley

Subject: Buildup Measurement  
San Juan 29-7 NO. 583  
Rio Arriba County, New Mexico  
Our File No. 2-25074-BU

Dear Mr. Shipley:

Attached hereto are the results of a bottomhole pressure buildup measurement which was conducted on the above captioned well July 18 through July 25, 1993.

The data presented are in tabular and graphical form.

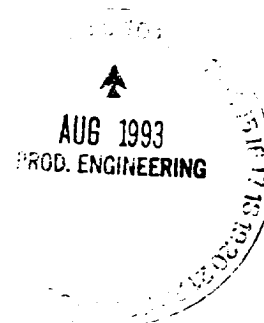
It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller

NT/lw



*Serving the Permian Basin & Rocky Mountain Area*

**TEFTELLER, INC.**

RESERVOIR ENGINEERING DATA AND PRODUCTIVITY ENHANCEMENT SERVICES  
MIDLAND, TEXAS • FARMINGTON, NEW MEXICO • GRAND JUNCTION, COLORADO

**CHRONOLOGICAL PRESSURE AND PRODUCTION DATA**

1993 DATE	STATUS OF WELL	TIME	ELAPSED TIME		WELLHEAD PRESSURE		BHP @ 3144' PSIG
			HRS	MIN	TBG	CSG	
7-18	Well shut-in	04:00					
	Arrived on location	07:30					
	Rig up tandem equipment						
	Tandem instruments @ 3144'	08:30	0	00	394		
		09:00	5	00			463
		10:00	6	00			472
		11:00	7	00			478
		12:00	8	00			483
		14:00	10	00			492
		16:00	12	00			498
		18:00	14	00			504
		20:00	16	00			509
		22:00	18	00			514
7-19		00:00	20	00			517
		02:00	22	00			520
		04:00	24	00			523
		08:00	28	00			529
		12:00	32	00			535
		16:00	36	00			539
		20:00	40	00			542
7-20		00:00	44	00			545
		04:00	48	00			548
		10:00	54	00			550
		16:00	60	00			552
7-21		02:00	70	00			556
		12:00	80	00			559
		22:00	90	00			562

# **TEFTELLER, INC.**

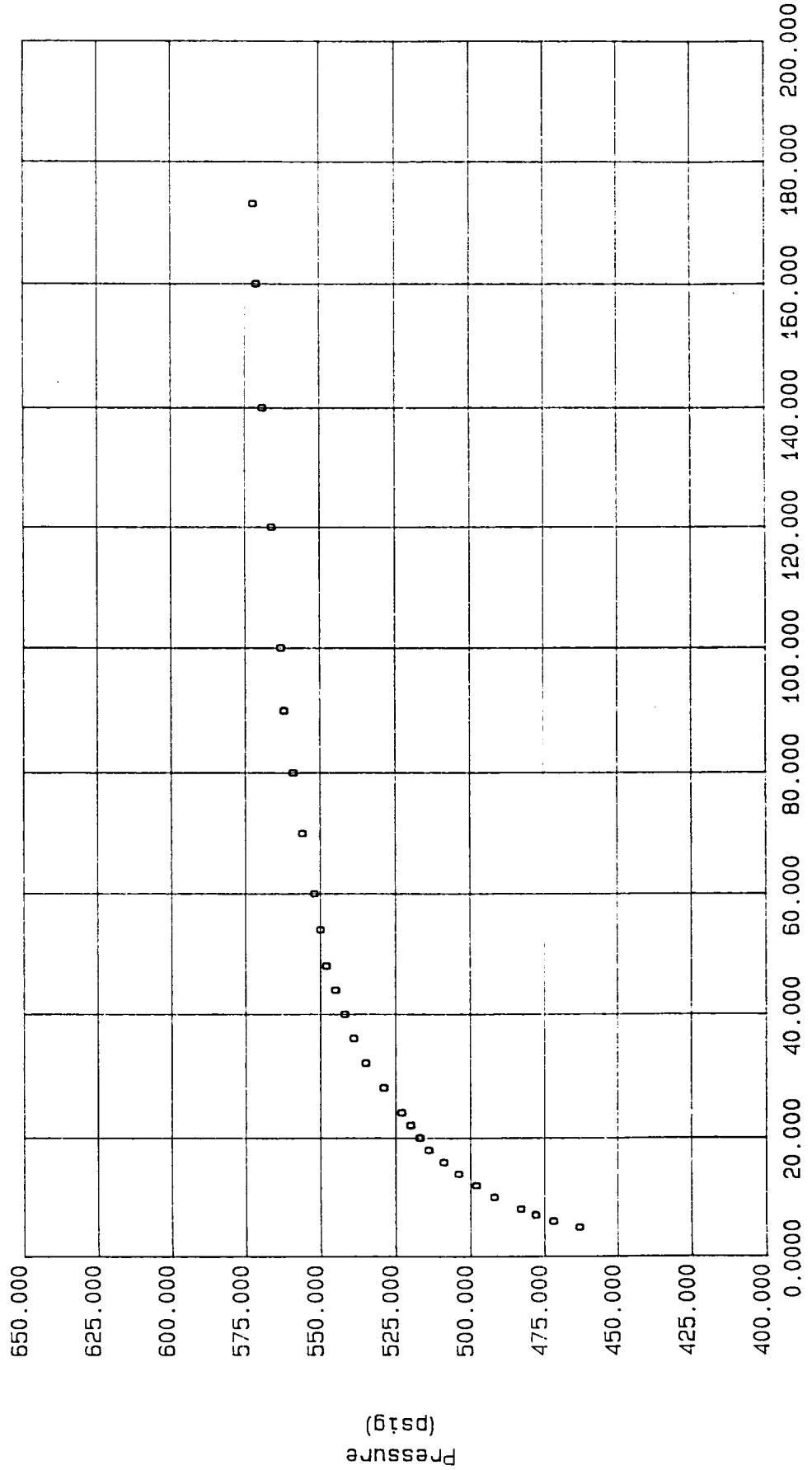
**RESERVOIR ENGINEERING DATA AND PRODUCTIVITY ENHANCEMENT SERVICES**  
**MIDLAND, TEXAS • FARMINGTON, NEW MEXICO • GRAND JUNCTION, COLORADO**

## **CHRONOLOGICAL PRESSURE AND PRODUCTION DATA**

1993 DATE	STATUS OF WELL	TIME	ELAPSED TIME		WELLHEAD PRESSURE		BHP @ 3144' PSIG
			HRS	MIN	TBG	CSG	
7-22		08:00	100	00			563
7-23		04:00	120	00			566
7-24		00:00	140	00			569
		20:00	160	00			571
7-25	Gradient traverse	09:00	173	00	496		572

SAN JUAN 29-7 #583 - CARTESIAN PLOT

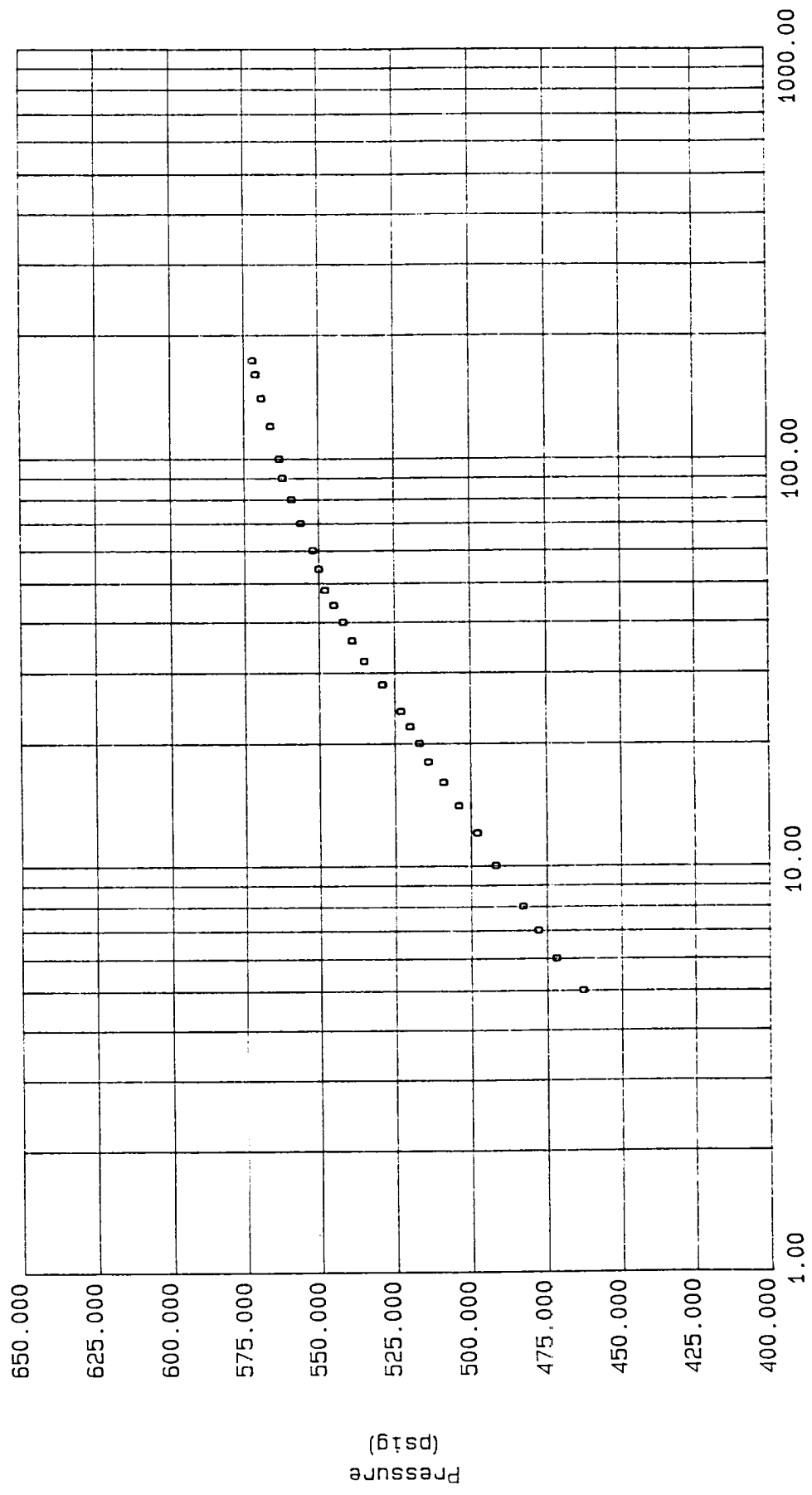
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Analyst name.....: KENT WILLIAMS-TEFFLER, INC.  
Company.....: MERIDIAN OIL, INC.  
Well.....: SAN JUAN 29-7 #583  
Field.....:  
Date.....: JULY 18-25, 1993  
Rig Name/Number.....:  
Test.....: 173 HOUR BHPBU



SAN JUAN 29-7 #583 - SEMILOG PLOT

PANSYSTEM V1.6 (C) EPDS 1989.

File.....: SJUAN583.OIL  
Analyst name.....: KENT WILLIAMS-TEFTLELLER, INC.  
Company.....: MERIDIAN OIL, INC.  
Well.....: SAN JUAN 29-7 #583  
Field.....:  
Date.....: JULY 18-25, 1993  
Rig Name/Number.....:  
Test.....: 173 HOUR BHPBU







Page 5 of 5  
File 2-25074-BU

Company Meridian Oil Inc. Lease San Juan 29-7 Well No. 583  
Field  County Rio Arriba State New Mexico  
Formation Pictured Cliffs Test Date July 25, 1993

