

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED
SLM

Sundry Notices and Reports on Wells

96 DEC 27 PM 12:31

RECEIVED
MAR - 7 1997

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

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

3. Address & Phone No. of Operator

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

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

1620' FNL, 1800' FEL, Sec. 6, T-29-N, R-7-W, NMPM

070 FARMINGTON, NM

5. Lease Number
SF-078943

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 29-7 Unit
8. Well Name & Number
San Juan 29-7 U #584

9. API Well No.
30-039-25654

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

☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other -	

13. Describe Proposed or Completed Operations

Maximum surface pressure with evacuated hole: 1000 psi (0.22 psi/ft x 3005' TVD = 339 psi. Surface casing needed by Onshore Order #2: 339 psi/1-0.22)psi/ft = 434 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 380 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.
339 psi + (210' x 0.22 psi/ft) = 385 psi equivalent pressure at casing point with evacuated hole.
210' x 8.6 ppg x 0.052 = 94 psi hydrostatic pressure during test.
385 psi - 94 psi = 291 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 [Signature] Title Regulatory Administrator Date 12/27/96

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

Date MAR - 5 1997

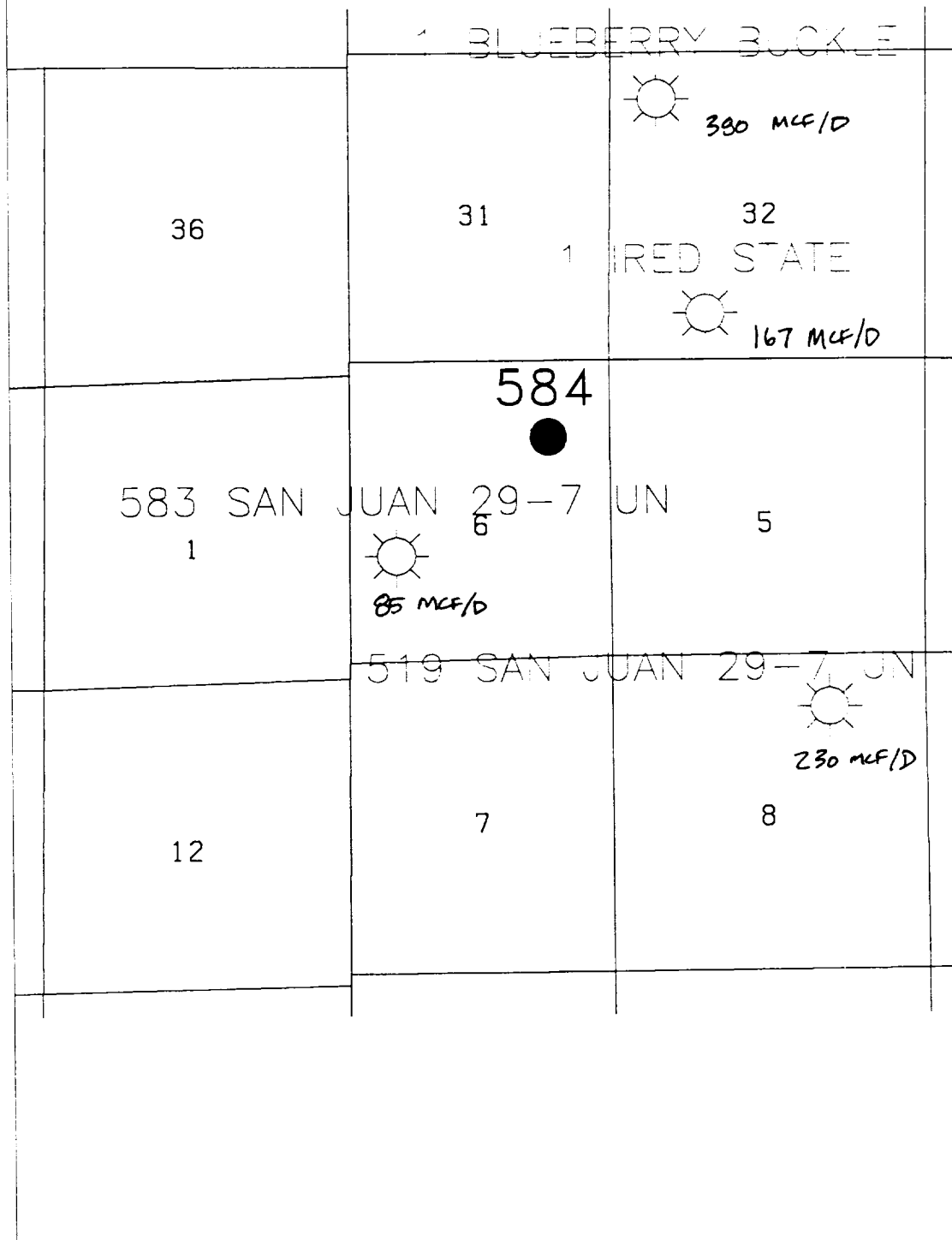
UNOC

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 #584
NE/4 29N 7W

RECEIVED
BLM

96 DEC 27 PM 12:31
070 FARMINGTON, NM



TEFTELLER, INC.

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

reservoir engineering data

P. O. Box 5278

Midland, Texas 79704-5278

(915) 694-0470

96 DEC 27 PM 12:31

FARMINGTON, NM

Midland Fax (915) 694-7602

Farmington Fax (505) 325-1148

Grand Junction Fax (303) 241-7634

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.

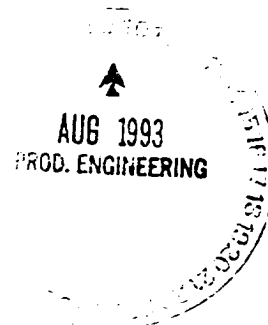
It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller

NT/lw



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

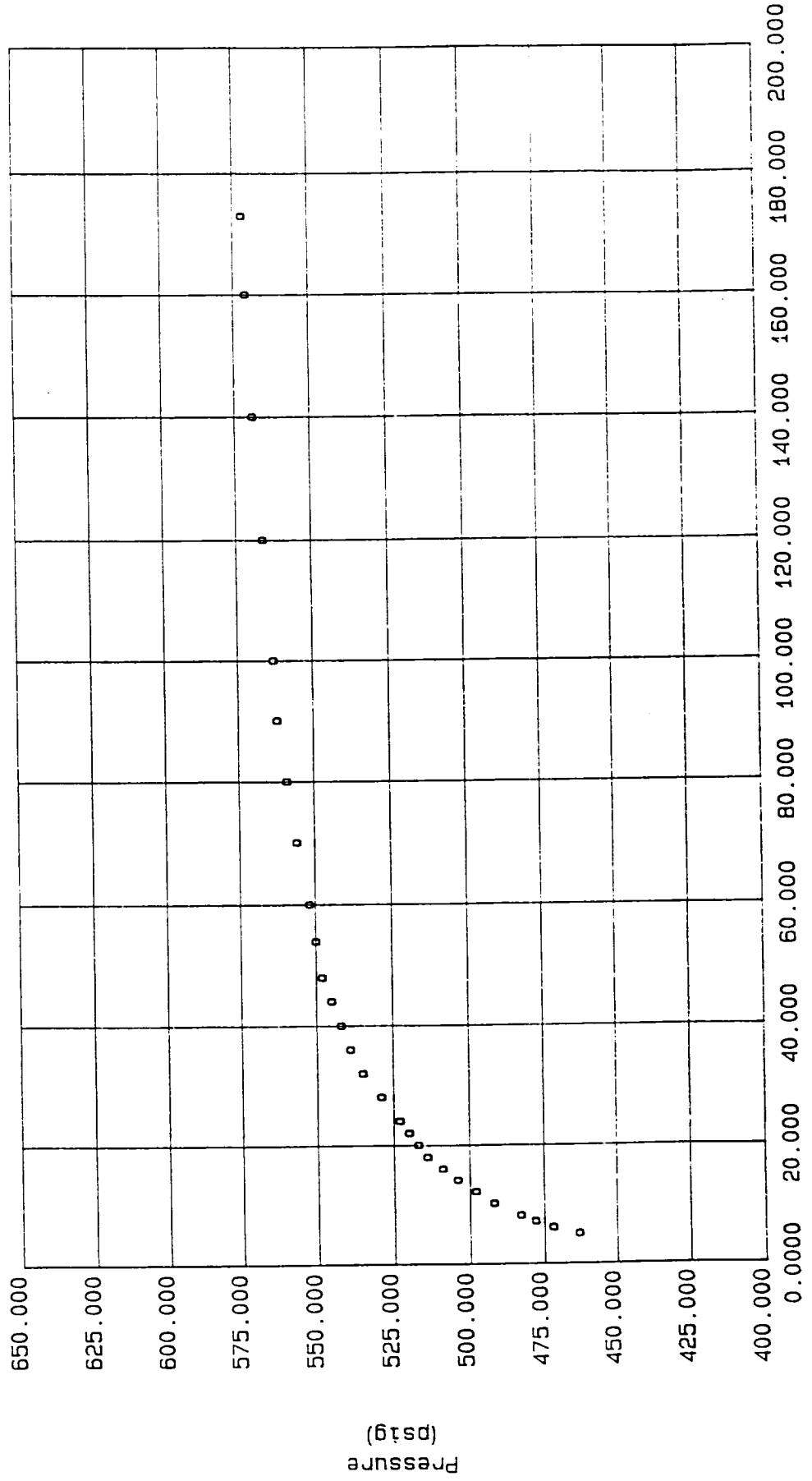
CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1993			ELAPSED		WELLHEAD		BHP @
DATE	STATUS OF WELL	TIME	HRS	MIN	TBG	CSG	3144'
							PSIG
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

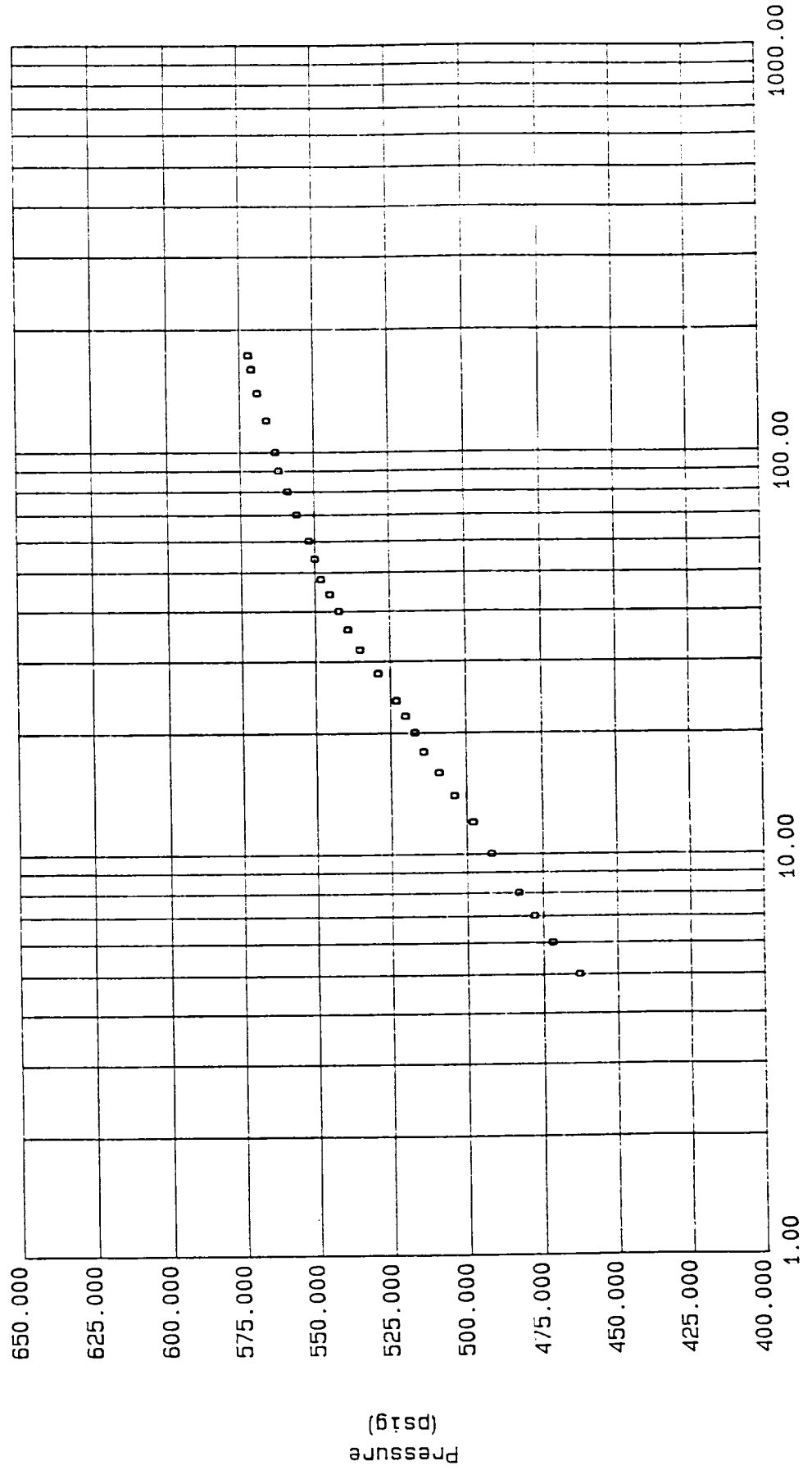
PANSYSTEM V1.6 (C) EPDS 1989.

File.....: SJUAN583.01L
Analyst name.....: KENT WILLIAMS-TEFFELLER, 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

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





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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

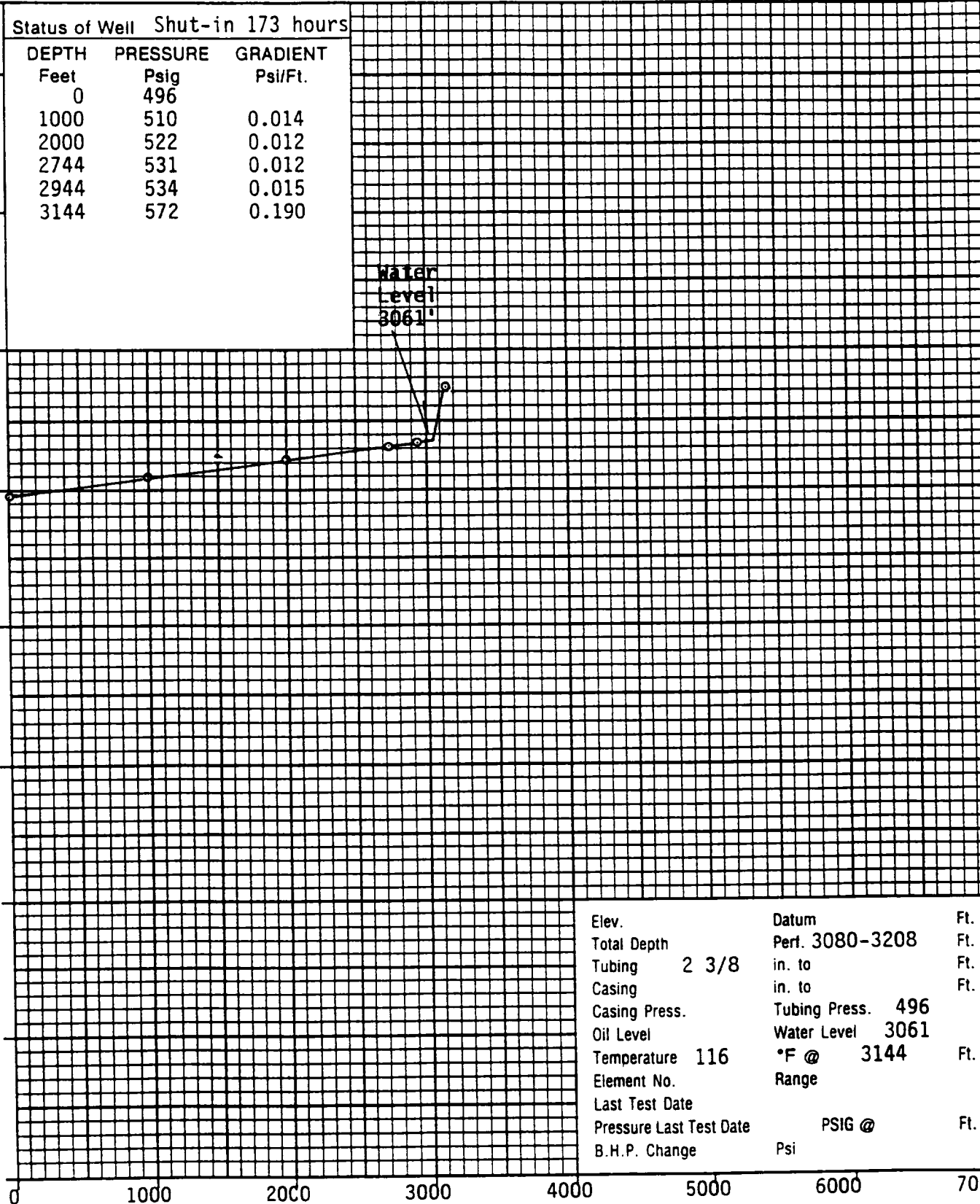
Status of Well Shut-in 173 hours

DEPTH	PRESSURE	GRADIENT
Feet	Psig	Psi/Ft.
0	496	
1000	510	0.014
2000	522	0.012
2744	531	0.012
2944	534	0.015
3144	572	0.190

Water Level
3061'

PRESSURE POUNDS PER SQUARE INCH GAUGE

800
700
600
500
400
300
200
100
0



Elev.	Datum	Ft.
Total Depth	Perf. 3080-3208	Ft.
Tubing 2 3/8	in. to	Ft.
Casing	in. to	Ft.
Casing Press.	Tubing Press. 496	
Oil Level	Water Level 3061	
Temperature 116	*F @ 3144	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date	PSIG @	Ft.
B.H.P. Change	Psi	

DEPTH - FEET