

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

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

1460' FNL, 1800' FEL, Sec. 4, T-27-N, R-4-W, NMPM

5. Lease Number  
SF-080668

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Well Name & Number  
San Juan 27-4 Unit 59

9. API Well No.  
30-039-20369

10. Field and Pool  
Basin Dakota

11. County and State  
Rio Arriba, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Bradenhead Retest

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It appears that the Bradenhead test on September 23, 2004 was a failure due to the exclusion of the intermediate's 5 minute shut in pressure. In order to resolve this matter a witnessed retest of this well will be scheduled. Prior correspondence in Reference to the bradenhead testing are attached.

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

Signed Francesca Bend Title Regulatory Specialist Date 03/23/05  
fsb

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

APR 14 2005

NMOCD

FARMINGTON FIELD OFFICE  
BY \_\_\_\_\_

# BURLINGTON RESOURCES

SAN JUAN DIVISION

December 7, 2001

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410  
Att: Mr. Charlie Perrin

Re: San Juan 27-4 Unit #59 (30-039-20369) Bradenhead

Dear Mr. Perrin:

This letter is in response to your letter dated September 20, 2001, our telephone conversation December 5, 2001, and addresses the possible casing problem on the referenced well.

Communication does exist across the primary casing string as indicated by the casing and intermediate pressures during the bradenhead test. However, there was no pressure on the bradenhead.

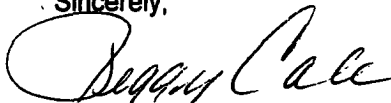
The attached wellbore schematic shows that the top of primary casing cement (3375') is well above the bottom of the 7" intermediate casing string (4536'). A copy of the temperature survey log is attached to show the top of cement. Since the top of cement is 1161 feet above the end of the intermediate casing string, a hydraulic seal should exist. This is confirmed by the bradenhead test because there is zero pressure at the Bradenhead. Therefore, the formation is protected and this well is in compliance with Rule 108.

The pressures recorded during the bradenhead test are shown below.

Time, min.	PRESSURES, psi			
	Tubing	Casing	Intermediate	Bradenhead
0	280	358	364	0
5	210	220		0
10	180	52		0
15	140	20		0
20	118	10		0
25	117	7		0
30	115	4	45	0

If you have any questions, please call Matt Roberts at 505-599-4098 or me at 505-326-9727.

Sincerely,



Peggy Cole  
Regulatory Supervisor

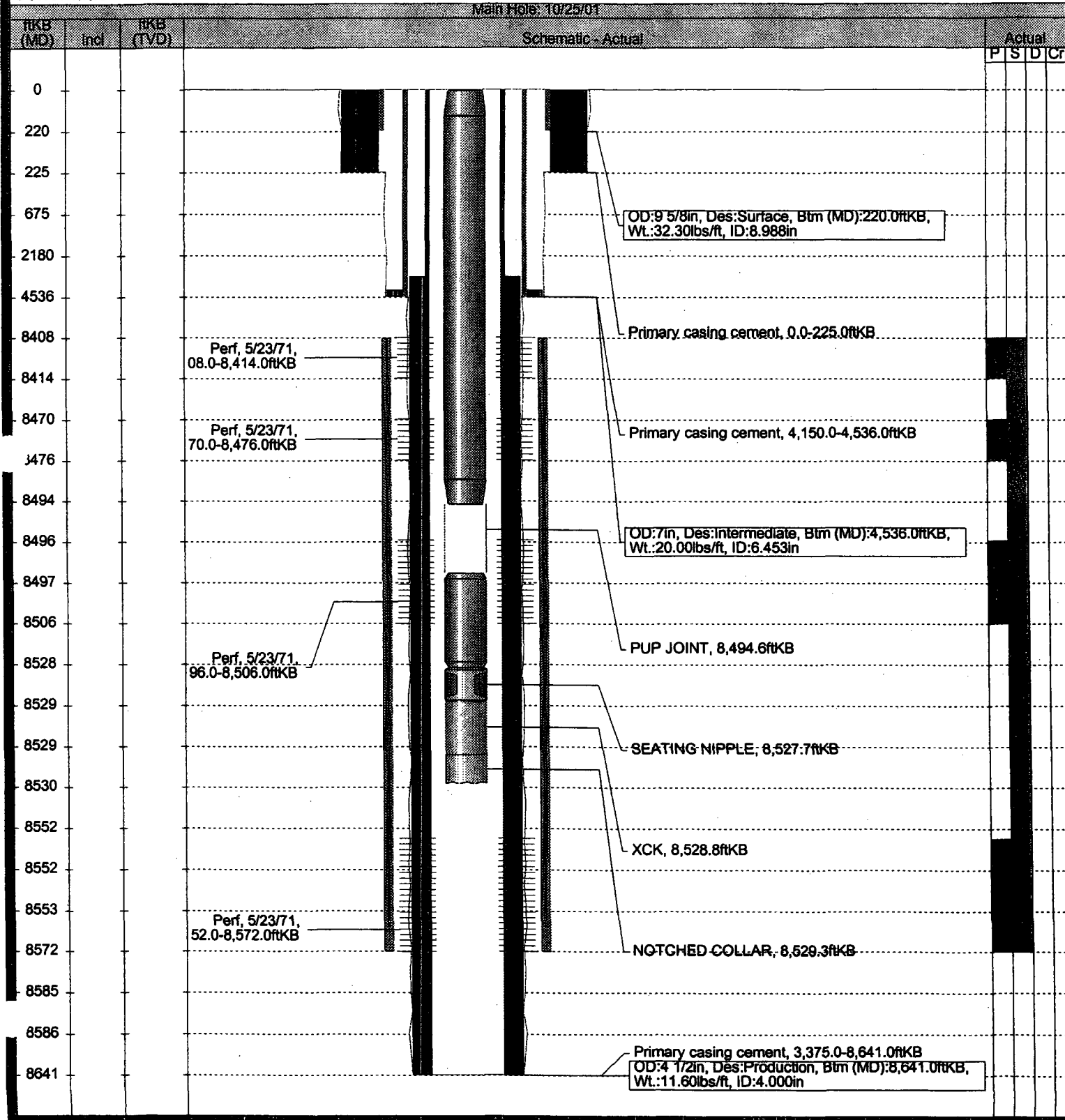
Xc: Matt Roberts  
Wellfile

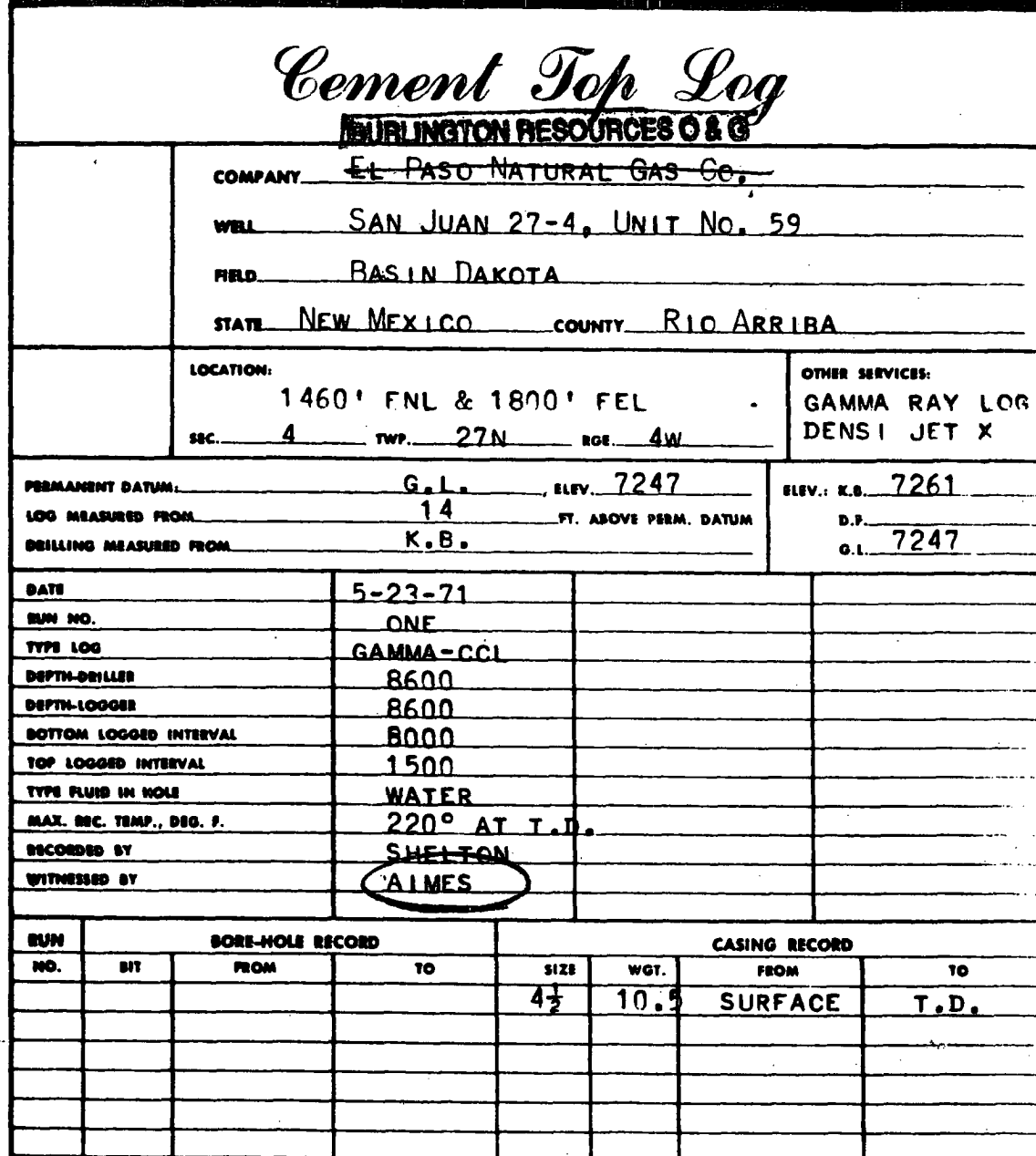
# SAN JUAN 27-4 UNIT 59

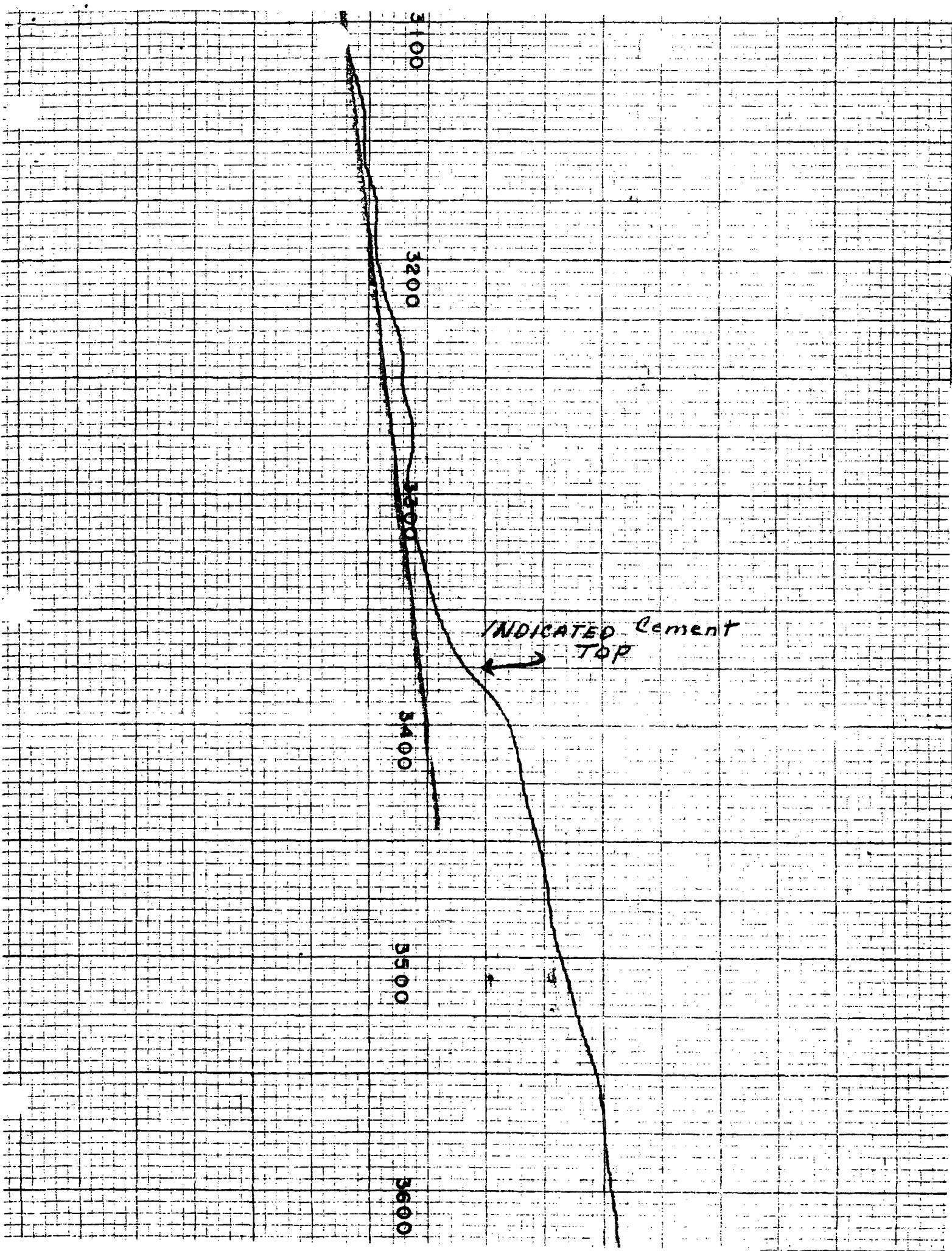
## WellView - Schematic

Asset ID Number 4502900	API Number 3003920369	Operator BURLINGTON RESOURCES O&G CO LP	County RIO ARRIBA	State NM
S Elev (ft) 0.00	Ground Elev (ft) 7248.00	RigKB-Ground Distance (ft) -7248.00	Plug Back Total Depth (ftKB) 8,624.0	
Spud Date 5/10/71	Location Sect: 004, Twp: 027N, Rg: 004W, Poly: G, NMPM	NS Dist. (ft) 1800.0	NS Flag FEL	EW Dist. (ft) 1460.0
		EW Flag FNL	Latitude (DMS) 36° 0' 0" N	Longitude (DMS) 107° 0' 0" W

### Schematic









# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

September 20, 2001

Dolores Silseth  
Burlington Res O&G Co  
PO Box 4289  
Farmington NM 87499

Re: San Juan 27-4 Unit #59, G 04-27N-04W API 30-039-20369

Dear Ms. Silseth:

The Bradenhead test on the above well indicates a possible casing problem.

In order to comply with Rule 108, prevent waste and protect fresh water, you are hereby directed to initiate remedial activity before December 1, 2001.

Notify the Aztec OCD 24 hours before work is initiated.

If you have any questions, please call me at 505-334-6178, ext. 16.

Sincerely,

Charlie T Perrin  
Deputy Oil & Gas Inspector  
cperrin@state.nm.us

CTP/mk

CC: CTP  
Well File

62901  
5187301

**OIL CONSERVATION DIVISION**

API 30-039-20369

1000 Rio Brazos Road  
Aztec, New Mexico

**BRADENHEAD TEST REPORT**

(Submit 2 copies to above address)

Date of Test 04/17/2001 Operator Burlington Resources Oil & Gas

Lease Name SAN JUAN 27-4 UNIT Well No 59 Location: U G Sec. 04 Twp. 027N Rge. 004W

Pressure ( Flowing ) Dwt Tubing 280 Intermediate 364 Casing 358 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH.

TIME:	PRESSURES:		BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
	INTERMEDIATE	CASING		
5 Min.	<u>364</u>	<u>358</u>	Steady Flow	<u>X</u>
10 Min.			Surges	
15 Min.			Down to Nothing	
20 Min.			Nothing	<u>X</u>
25 Min.			Gas	<u>X</u>
30 Min.			Gas & Water	
			Water	

If Bradenhead flowed water, check description below:

Clear   
Fresh   
Salty   
Sulfur   
Black

Remarks:

By MIKE MCKINNEY 354

Lease Operator  
Position

Witness