

## State of New Mexico

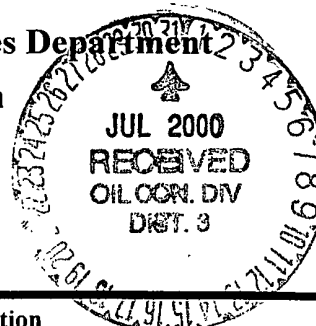
## Energy Minerals and Natural Resources Department

## Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-141  
Originated 2/13/97

Submit 2 copies to:  
Appropriate District  
Office in accordance  
with Rule 116.



## Release Notification and Corrective Action

30-039-23882

## OPERATOR

☐ Initial Report☒ Final Report

|  |                               |
|--|-------------------------------|
| Name: Burlington Resources                 | Contact: Bruce Gantner        |
| Address: P.O. Box 4289 Farmington NM 87499 | Telephone No.: (505) 326-9537 |
| Facility Name: SAN JUAN 29-7 UNIT 80A      | Facility Type: Gas Well       |

|                                 |                |                   |
|---------------------------------|----------------|-------------------|
| Surface Owner: Fidel Candelaria | Mineral Owner: | Lease Number: FEE |
|---------------------------------|----------------|-------------------|

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet From the | North/South Line | Feet From the | East/West Line | County: San Juan |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------------|
| C           | 09      | 029N     | 007W  | 1190          | FNL              | 1810          | FWL            |                  |

## NATURE OF RELEASE

|   |  |   |
|---|--|---|
| Type of Release: Frac fluid/sands traced with short lived radioisot   | Volume of Release: 10 bbls.                    | Volume Recovered: 0 bbls.                     |
| Source of Release: <sup>open</sup> Split in 7 inch casing at a depth of 380 feet  | Date and Hour of Occurrence: 7/7/00 9:00:00 AM | Date and Hour of Discovery: 7/7/00 9:00:00 AM |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If Yes, To Whom? Frank Chavez                  |   |
| By Whom? Bruce Gantner  | Date and Hour: 7/7/00 10:00:00 AM              |   |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse. 0    |   |

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)

Final Remediation was achieved on Wednesday, July 19 after the rig completed its activity and was moved. The remaining contaminated soils beneath this rig were scraped up and clean closure was verified by Protechnics using a Geiger-Mueller radiation meter. All contaminated soils, both those initially excavated on July 7 and placed in the blow pit of the San Juan 29-7 #80A well and the final cleanup done on July 19, were transported and placed into the blow pit on the San Juan 29-7 #79B location. The pit at SJ 29-7 #79-B has been capped and fenced with warning signs.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)

Approximately 3000 square feet of the surface location was estimated to have radioactive tracer material contamination. There were no fluids or radioactive tracer contamination off of the drilling and production pad. Approximately 2000 square feet of the surface location was decontaminated on July 7 by scraping the soils and placing them into the blow pit. The remaining 1000 square feet of the surface location was remediated on July 19 and all contaminated soils were transported and placed into the blow pit for San Juan 29-7 #79B. The pit at SJ 29-7 #79-B has been capped and fenced with

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

|   |                                    |  |
|---|------------------------------------|--|
| Signature: <i>Bruce A Gantner</i>               | OIL CONSERVATION DIVISION          |  |
| Printed Name: Bruce A Gantner                   | Approved by: <i>Denny G. Faint</i> | District Supervisor: <i>for Frank Chavez</i> |
| Title: Environmental Representative             | Approval Date: 7/31/00             | Expiration Date:                             |
| Date: 7/27/00 Phone: (505) 326-9841 or 326-9842 | Conditions of Approval:            | Attached: <input type="checkbox"/>           |

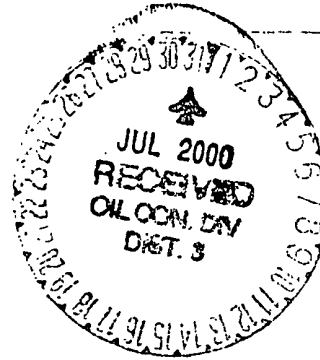
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# **BURLINGTON RESOURCES**

SAN JUAN DIVISION

July 28, 2000

Mr. William Floyd  
New Mexico Environmental Department  
Radiation Licensing and Registration Division  
Santa Fe, New Mexico 87502



**RE: Report on Final Placement of Soils Contaminated with Frac Fluids and  
Radioactive Tracer**

Dear Mr. Floyd:

As a follow-up to our initial report and a subsequent request to place the soils contaminated with frac fluids and radioactive tracer material in an alternative location, I am writing to provide your agency with a final report on the disposition of these soils.

As approved by NMED per the letter dated July 11, 2000 from Jerrie Moore, Burlington has proceeded to remove both the materials excavated from the location on July 7, 2000 from the San Juan 29-7 #80A location (placed temporarily in the blow pit at that location) and the materials subsequently excavated from beneath the workover rig on July 19, 2000 and transferred these materials to the open blow pit on the San Juan 29-7 #79B location. This transfer was necessary to satisfy the desire of the surface landowner for the 80A location to completely remove the contaminated material from his land. The final placement at the 79B location was desirable, as this land is owned by Burlington Resources.

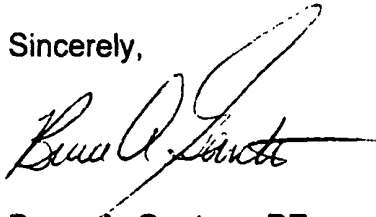
The open blow pit at the 79B location has since been closed leaving a 3-4 foot cap above the prevailing grade. A fence has been installed around the perimeter of this pit and two (2) signs have been posted with the following wording. "BEFORE DIGGING CONTACT BURLINGTON RESOURCES ENVIRONMENTAL DEPARTMENT". Attached please find a schematic that shows the delineation and location of this closed pit.

It is our intention to leave this pit closed and intact for the period of time necessary to allow the materials to decay below regulatory concern. Although I recall your specified criteria of 10 half lives or three years to be considered fully decayed, I would ask if you could consider a time period of 18 months which is equivalent to 6.5 half lives and amounts to a 99.85% decay of the original Scandium, 99.99% of the original Antimony, and 99.94% of the original Iridium

source activity levels. Although we have no immediate plans to rework this location within the next 3 years, the flexibility to do so after 18 months of time would be desirable. We believe that the limited amount of source material involved warrants special consideration.

If you need further information from Burlington Resources regarding this episode or the burial at the 79B location, please contact me at 505-326-9842. Your timely assistance in this project has been sincerely appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce A. Gantner", with a long horizontal flourish extending to the right.

Bruce A. Gantner, PE  
Manager, Environmental, Health, and Safety

Cc: David Fish (Protechnics)

~~Denny Foust~~ (Oil and Gas Conservation Division – Aztec Office)

Dale Wirth (Bureau of Land Management – Farmington Office)

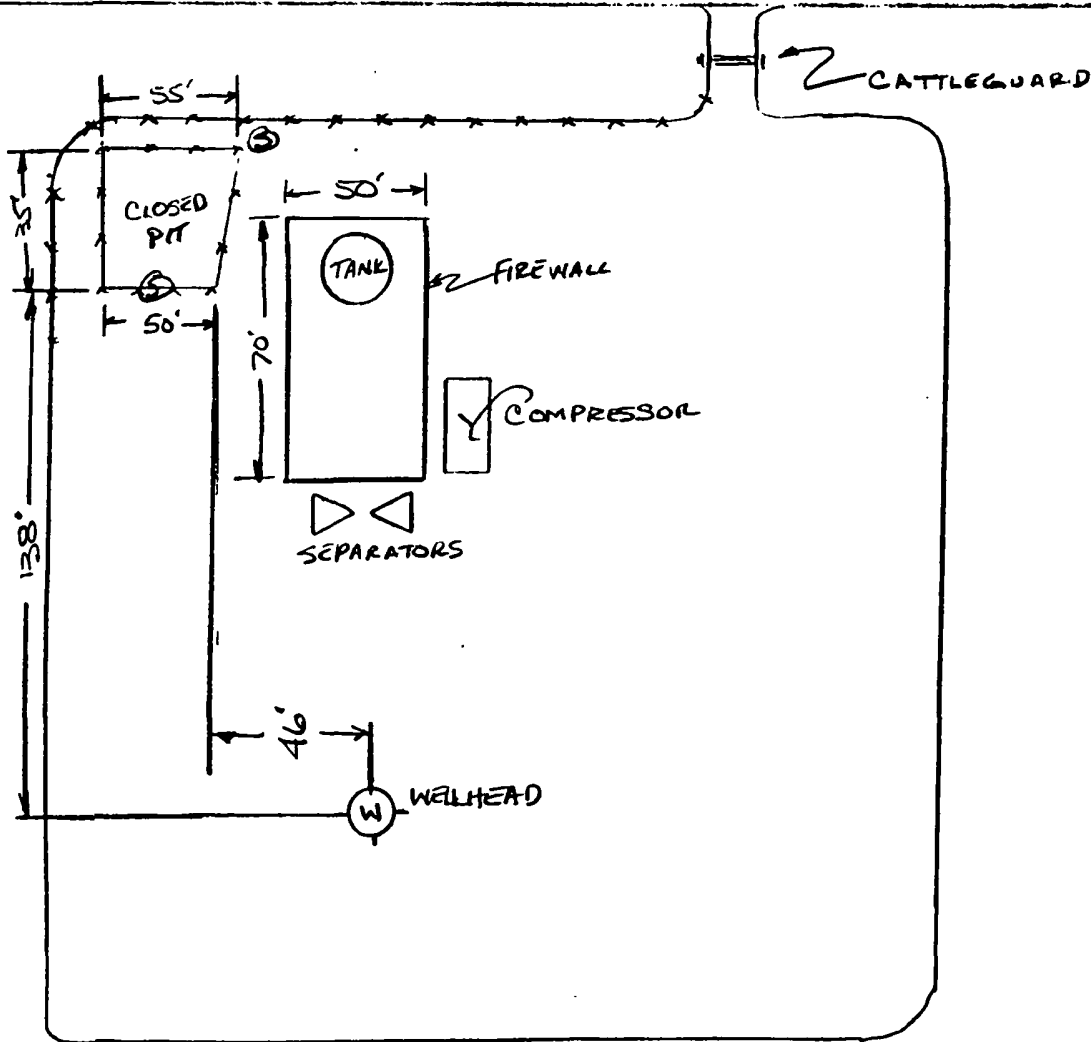
Pat Bent, Chuck Smith, Bruce Voiles, John Caldwell, Rick Muncrief, John  
Zent (Burlington Resources)

SAN JUAN 29-7 UNIT 79B  
NE SW 5 T29N R27W Lease: NMSF- 078951  
RIO ARriba COUNTY, NEW MEXICO

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HWY US 64



③ denotes signs in following wording

BEFORE DIGGING  
CONTACT  
BURLINGTON RESOURCES  
ENVIRONMENTAL DEPARTMENT



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