

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Four Corners Exploration	OGRID
Contact Name Kevin Smaka	Contact Telephone 505-325-1821
Contact email kevin.smaka@duganproduction.com	Incident # <del>18</del> 1820036683
Contact mailing address 709 E. Murray Drive, Farmington NM, 87401	NvF

### Location of Release Source

Latitude 36.378748 Longitude -108.126984  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name South Bisti Federal 29 #1	Site Type Well Pad
Date Release Discovered <u>8/6/18</u>	API# (if applicable) <u>30-045-26730</u>

Unit Letter	Section	Township	Range	
A	29	25 N	13 W	San Juan

**DENIED**

BY: Cory Smith  
DATE: 1/15/19 (505) 334-6178 Ext. 115

Form No Data  
on Dig and Hand  
Site Characterization  
is ok.

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Corroded BGT had developed small holes

NMOCD

DEC 11 2018

DISTRICT III

19

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.
Printed Name: _____ Title: _____ Signature: _____ Date: _____ email: _____ Telephone: _____
<b>OCD Only</b> Received by: <u>Cory Smith</u> Date: <u>12/11/18 / 1/8/19</u>

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release? <span style="color: red;">(See attached NMOSE Records Search)</span>	210' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? <span style="color: red;">(See attached USGS Topo page and Google Earth overhead views)</span>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? <span style="color: red;">(See attached Google Earth views)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? <span style="color: red;">(See attached Google Earth views. Nearest Residence &gt; 4,500' east)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? <span style="color: red;">(See attached NMOSE Records search and USGS Topo page)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? <span style="color: red;">(See attached USGS Topo page)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? <span style="color: red;">(See attached Figure 4)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland? <span style="color: red;">(See attached Google Earth views)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine? <span style="color: red;">(See attached Figure 4)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology? <span style="color: red;">(Based on site inspection)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain? <span style="color: red;">(See attached FEMA search map)</span>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

<p><b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li><input type="checkbox"/> Field data</li> <li><input type="checkbox"/> Data table of soil contaminant concentration data</li> <li><input checked="" type="checkbox"/> Depth to water determination</li> <li><input checked="" type="checkbox"/> Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release</li> <li><input type="checkbox"/> Boring or excavation logs</li> <li><input type="checkbox"/> Photographs including date and GIS information</li> <li><input checked="" type="checkbox"/> Topographic/Aerial maps</li> <li><input type="checkbox"/> Laboratory data including chain of custody</li> </ul>
---

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Jeffrey C Blagg Title: Agent, NMPE 11607

Signature: Jeffrey C Blagg, PE

Digitally signed by Jeffrey C Blagg, PE  
DN: cn=Jeffrey C Blagg, PE, o, ou, email=jeffcblagg@aol.com, c=US  
Date: 2018.12.03 14:52:10 -0700

Date: Dec 3, 2018

email: jeffcblagg@aol.com

Telephone: 505-320-1183

**OCD Only**

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Figure 1  
Site Google Overhead Figure

Below Grade Tank  
(Point of Release Discovery)

South Bistl Fed 29#1

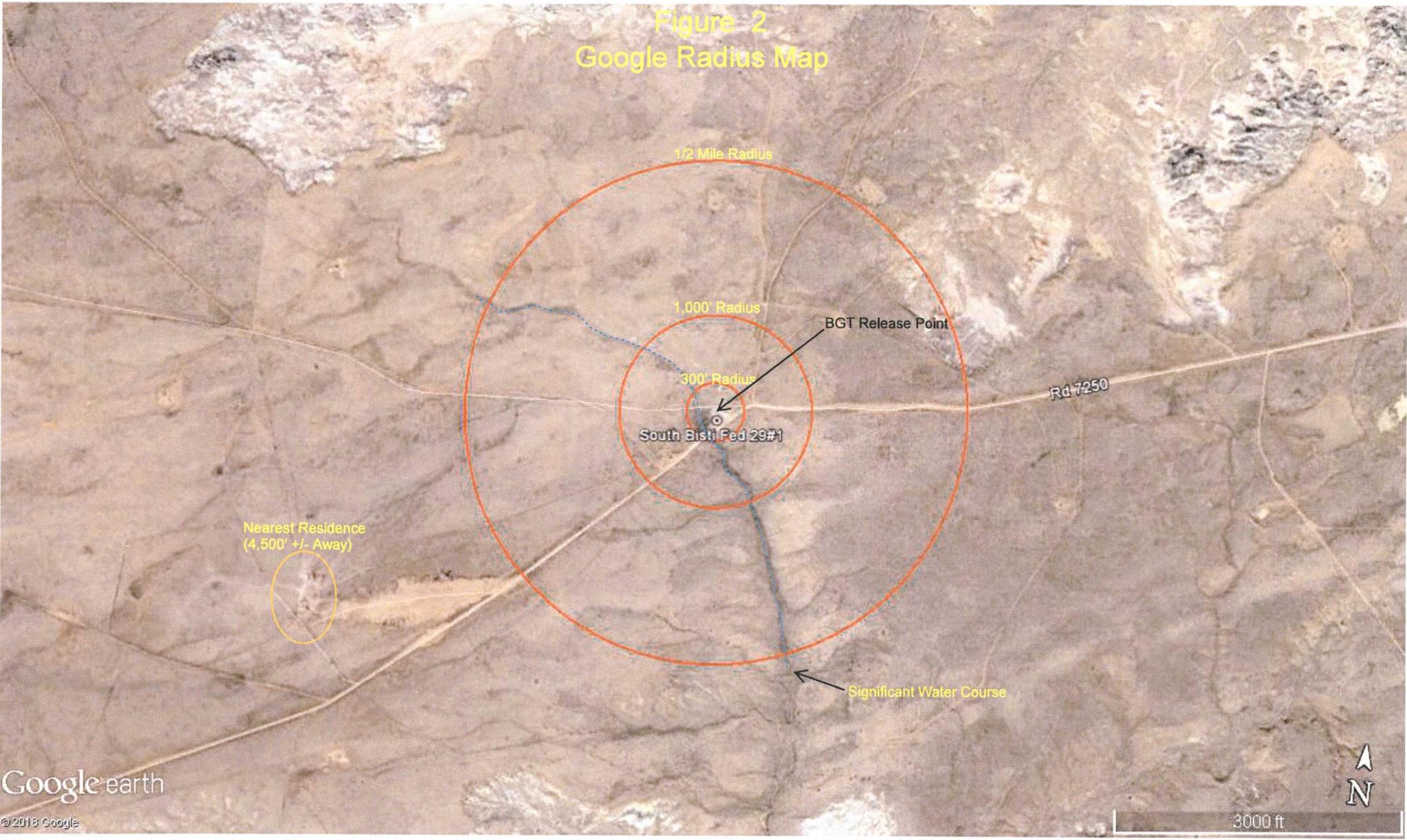
Google earth

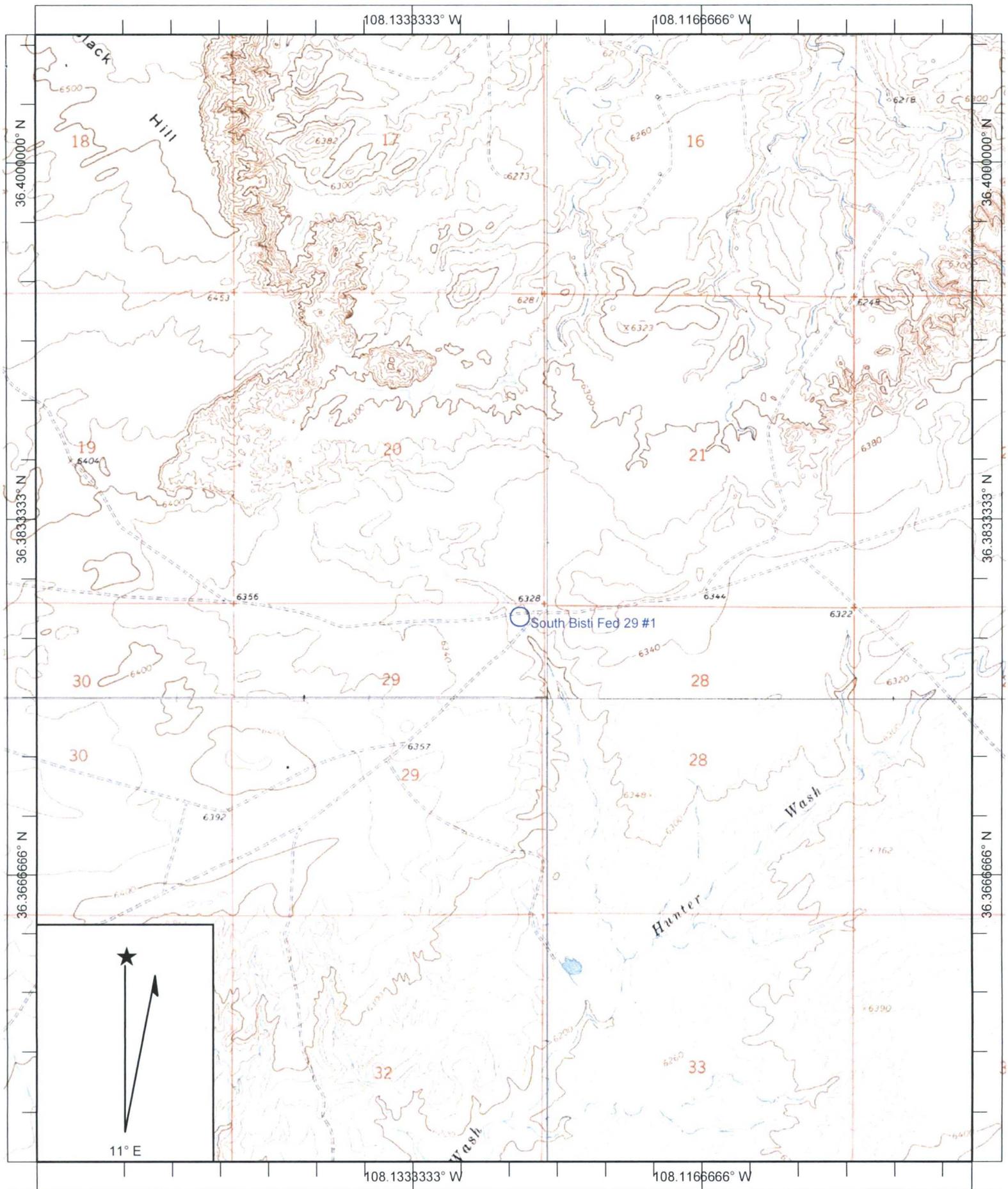
© 2018 Google

100 ft



Figure 2  
Google Radius Map



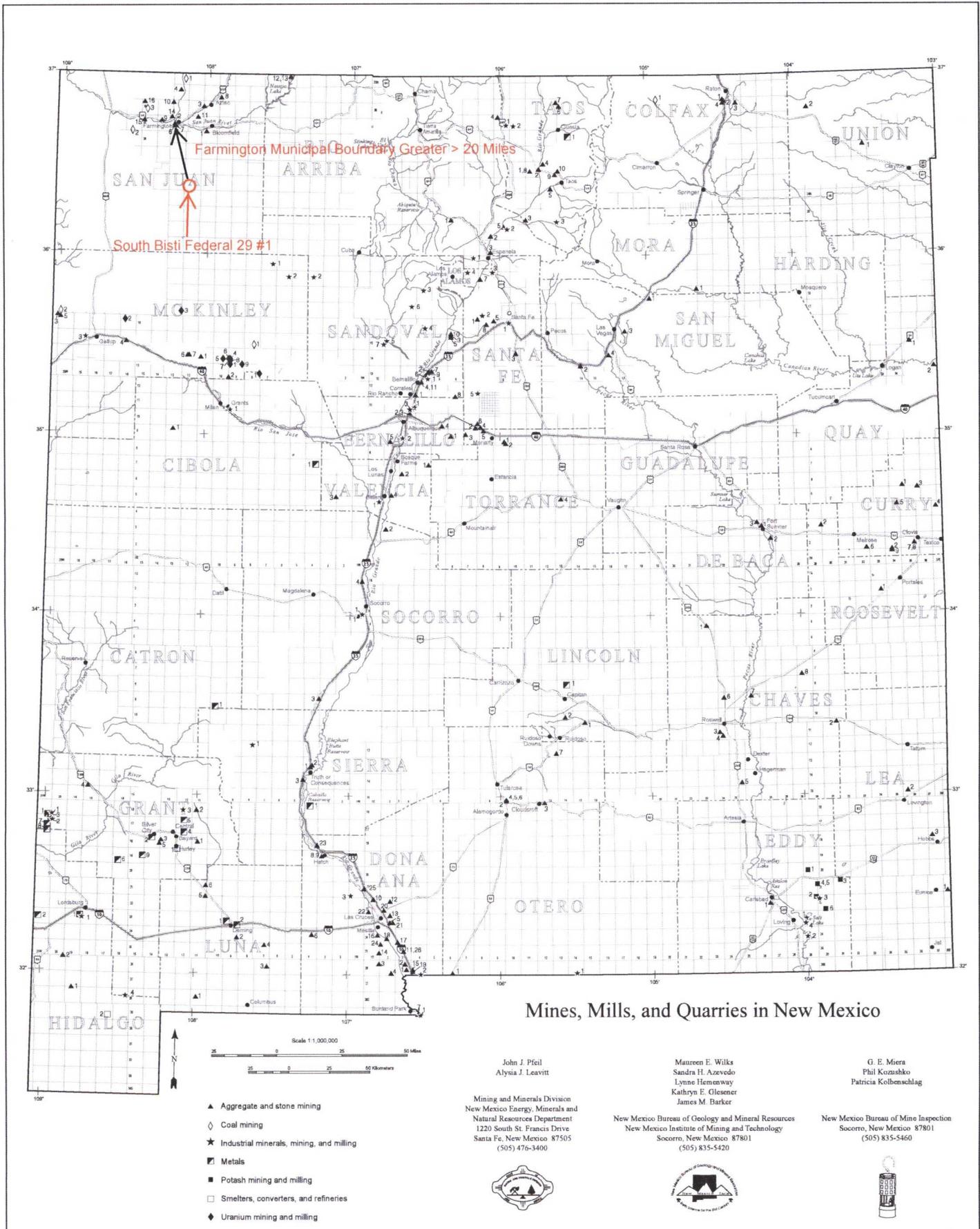


Name: MONCISCO WASH  
 Date: 12/3/2018  
 Scale: 1 inch equals 2000 feet

Location: 036.3796986° N 108.1281050° W  
 Caption: South Bisti Federal 29 #1

**FIGURE 3: TOPOGRAPHIC MAP**

Figure 4  
Subsurface Mines Map





# FEMA Flood Map Service Center: Search By Address

Navigation

Search

Languages

Enter an address, place, or coordinates: ?

-108.12698, 36.37876

Whether you are in a high risk zone or not, you may need [flood insurance](https://www.fema.gov/national-flood-insurance-program) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about [steps you can take](https://www.fema.gov/what-mitigation) to reduce the risk flood damage.

[MSC Home \(/portal/\)](#)

[MSC Search by Address \(/portal/search\)](#)

[MSC Search All Products \(/portal/advanceSearch\)](#)

▼ [MSC Products and Tools \(/portal/resources/productsandtools\)](#)

[Hazus \(/portal/resources/hazus\)](#)

[LOMC Batch Files \(/portal/resources/lomc\)](#)

[Product Availability \(/portal/productAvailability\)](#)

[MSC Frequently Asked Questions \(FAQs\) \(/portal/resources/faq\)](#)

[MSC Email Subscriptions \(/portal/subscriptionHome\)](#)

[Contact MSC Help \(/portal/resources/contact\)](#)

## Search Results—Products for SAN JUAN COUNTY UNINCORPORATED AREAS

Show ALL Products » (<https://msc.fema.gov/portal/availabilitySearch?addcommunity=350064&communityName=SAN JUAN COUNTY>)

The flood map for the selected area is number **35045C1675F**, effective on **08/05/2010** ?

DYNAMIC MAP



PRINT MAP: FIRMette

MAP IMAGE



[https://msc.fema.gov/portal/downloadProduct?](https://msc.fema.gov/portal/downloadProduct?filepath=/35/P/Firm/35045C1675F.png&productTypeID=FINAL_PRODUCT&productSubTypeID=FIRM_PANEL)

[filepath=/35/P/Firm/35045C1675F.png&productTypeID=FINAL\\_PRODUCT&productSubTypeID=FIRM\\_PANEL](https://msc.fema.gov/portal/downloadProduct?filepath=/35/P/Firm/35045C1675F.png&productTypeID=FINAL_PRODUCT&productSubTypeID=FIRM_PANEL)

Changes to this FIRM ?

- Revisions (0)
- Amendments (0)
- Revalidations (0)

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette.

Go To NFHL Viewer » (<https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d>)





Esri, U

**PHI** Approximate location based on user input and does not represent an authoritative property location

**MAP PANELS** Selected FloodMap Boundary  
 Digital Data Available  
 No Digital Data Available  
 Unmapped

**OTHER AREAS** Area of Minimal Flood Hazard Zone X  
 Effective LOMRs  
 Area of Undetermined Flood Hazard Zone D

**SPECIAL FLOOD HAZARD AREAS** Without Base Flood Elevation (BFE) Zone A, V, A99  
 With BFE or Depth  
 Regulatory Floodway Zone AE, AO, AH, VE, AR

**OTHER AREAS OF FLOOD HAZARD** 0.2% Annual Chance Flood Hazard. Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X  
 Future Conditions 1% Annual Chance Flood Hazard Zone X  
 Area with Reduced Flood Risk due to Levee. See Notes. Zone X  
 Area with Flood Risk due to Levee Zone D

**OTHER FEATURES** 20.2 Cross Sections with 1% Annual Chance  
 17.8 Water Surface Elevation  
 Coastal Transect  
 Base Flood Elevation Line (BFE)  
 Limit of Study  
 Jurisdiction Boundary  
 Coastal Transect Baseline  
 Profile Baseline  
 Hydrographic Feature

**GENERAL STRUCTURES** Channel, Culvert, or Storm Sewer  
 Levee, Dike, or Floodwall

Share This Page.

[Home \(//www.fema.gov/\)](http://www.fema.gov/) [Download Plug-ins \(//www.fema.gov/download-plug-ins\)](http://www.fema.gov/download-plug-ins) [About Us \(//www.fema.gov/about-agency\)](http://www.fema.gov/about-agency) [Privacy Policy \(//www.fema.gov/privacy-policy\)](http://www.fema.gov/privacy-policy) [FOIA \(//www.fema.gov/foia\)](http://www.fema.gov/foia) [Office of the Inspector General \(//www.oig.dhs.gov/\)](http://www.oig.dhs.gov/) [Strategic Plan \(//www.fema.gov/fema-strategic-plan\)](http://www.fema.gov/fema-strategic-plan) [Whitehouse.gov \(//www.whitehouse.gov\)](http://www.whitehouse.gov/) [DHS.gov \(//www.dhs.gov\)](http://www.dhs.gov) [Ready.gov \(//www.ready.gov\)](http://www.ready.gov) [USA.gov \(//www.usa.gov\)](http://www.usa.gov) [DisasterAssistance.gov \(//www.disasterassistance.gov/\)](http://www.disasterassistance.gov)



<https://www.oig.dhs.gov/hotline>

Official website of the Department of Homeland Security



# New Mexico Office of the State Engineer

## Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD

Sub- q q q

POD Number	Code	basin	County	Source	6416	4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
<a href="#">SJ 03815 POD1</a>	SJ	SJ			4	2	12	24N	13W	215373	4025538	6445	09/20/2008	10/01/2008	10/01/2008	730		HOOD, TERRY	717

Record Count: 1

UTMNAD83 Radius Search (in meters):

**Easting (X):** 219485.6

**Northing (Y):** 4030501.5

**Radius:** 10000

Blagg Note: Well log attached. No depth to water listed.

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Wells Without Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

POD Number	POD		County	Source	q q q			Sec	Tws	Rng	X	Y	Distance
	Code	Subbasin			64	16	4						
<a href="#">RG 46561</a>			TA				30	25N	12W	217131	4029874*		2436
<a href="#">RG 21872</a>		TA	TA				35	25N	12W	223514	4028055*		4713
<a href="#">SP 02870 25C</a>		SJM2	SJ		4	3	24	25N	12W	225023	4030606*		5538
<a href="#">RG 38411</a>			TA				12	25N	13W	215678	4034757*		5710
<a href="#">SJ 00079</a>		SJ	SJ	Shallow	4	13	25N	12W	225677	4032403*		6476	
<a href="#">SJ 01716</a>		SJ	SJ	Shallow	2	3	01	25N	12W	225189	4035835*		7808
<a href="#">RG 34464</a>			TA				21	25N	13W	210745	4031698*		8822
<a href="#">RG 39398</a>			XX				21	25N	13W	210745	4031698*		8822

**Record Count:** 8

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 219485.6

**Northing (Y):** 4030501.5

**Radius:** 10000

**Blagg Notes:**

Only SJ 00079 and SJ 01716 provide any useful well data

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	SJ 01716	2 3 01	25N	12W	225189	4035835*	

---

<b>Driller License:</b>		<b>Driller Company:</b>	
<b>Driller Name:</b>	W.R. WEST DRILLING CO.		
<b>Drill Start Date:</b>	06/20/1963	<b>Drill Finish Date:</b>	02/05/1964
<b>Log File Date:</b>		<b>PCW Rcv Date:</b>	
<b>Pump Type:</b>	WINDMI	<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	6.63	<b>Depth Well:</b>	403 feet
		<b>Plug Date:</b>	
		<b>Source:</b>	Shallow
		<b>Estimated Yield:</b>	40 GPM
		<b>Depth Water:</b>	210 feet

---

**Blagg Note:** Well located 4.8 miles NW of S. Bisti Fed 29#1  
Depth to water reported at 210'  
This is the only useful information from the NMOSE data base.

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
	SJ 03815 POD1	4	2	12	24N 13W	215373	4025538

---

<b>Driller License:</b> 717	<b>Driller Company:</b> WESTERN WATER WELLS	
<b>Driller Name:</b> HOOD, TERRY		
<b>Drill Start Date:</b> 09/20/2008	<b>Drill Finish Date:</b> 10/01/2008	<b>Plug Date:</b>
<b>Log File Date:</b> 10/01/2008	<b>PCW Rcv Date:</b>	<b>Source:</b>
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b>	<b>Depth Well:</b> 730 feet	<b>Depth Water:</b>

---

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	0	730	Shale/Mudstone/Siltstone

---

**Blagg Note:** Well located 4.0 miles SW of S. Bisti Fed 29 #1.  
Water depth not reported. Water bearing zone listed at well TD  
of 730 feet.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	SJ 00079	4	13	25N	12W	225677	4032403*		

---

<b>Driller License:</b>	<b>Driller Company:</b>	
<b>Driller Name:</b> NEW DRILLING COMPANY		
<b>Drill Start Date:</b>	<b>Drill Finish Date:</b> 03/27/1957	<b>Plug Date:</b>
<b>Log File Date:</b>	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 30 GPM
<b>Casing Size:</b> 8.63	<b>Depth Well:</b> 2550 feet	<b>Depth Water:</b>

---

**Blagg Note:** No depth to water reported. Well TD = 2,550 feet.  
Well Located 4 miles east of S. Bisti Fed 29 #1

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Kevin Smaka Title: Engineer/Agent  
 Signature: [Handwritten Signature] Date: 12-10-18  
 email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: [Handwritten Name] Date: 1/15/19

Approved     Approved with Attached Conditions of Approval     Denied     Deferral Approved

Signature: [Handwritten Signature] Date: 1/15/19

# South Bisti Federal 29 #1

## BGT Remediation plan

API: 30-045-26730

While removing dirt from the sidewalls of the BGT located at the Bisti Federal 29 #1 there was evidence of soil contamination. After further investigation it was found that the BGT integrity had failed and an unplanned release had occurred. The following actions are proposed to fully remediate the BGT area:

1. Excavate the contaminated soils.
2. Haul the contaminated soils to either IEI or Envirotech facilities for disposal/remediation.
3. Delineate the release along the 4 side walls as well as the bottom of the hole.
4. Once the release is delineated the walls will be tested according to table 1 in the "Spill Rule". Due to the proximity to a nearby watercourse the testing criteria will be the strictest as listed in table 1.
5. It is estimated that 125 cubic yards will be remediated.
6. Once samples meet the criteria established in table #1, BLM and OCD will receive the results and backfilling the hole will commence.
7. Once back filling is completed, form C-144 will be submitted for final BGT closure.
8. Form C-141 will be submitted with all data needed for final release closure.
9. It is proposed that remedial activity begins on 12/17/18. All remedial and pit closure work should be completed no later than 2/14/2019.

# South Bisti Federal 29 #1

BGT Spill Map

**Legend**  
📌 DL point



36.378797°, -108.127018°

36.378749°, -108.127047°

36.378766°, -108.126939°

36.378714°, -108.126978°

36.3785324°, -108.126915°

Google Earth

100 ft



Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_