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-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Permit # 15843
Tracking # 15907

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- [x] Below grade tank registration
- [ ] Permit of a pit or proposed alternative method
- [ ] Closure of a pit, below-grade tank, or proposed alternative method
- [ ] Modification to an existing permit/or registration
- [ ] Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: ElmRidge Exploration Co., LLC d.b.a. Beeline Gas Systems OGRID #: 194503
Address: 2001 E. Blanco Blvd, Bloomfield, NM 87413
Facility or well name: Buena Suerte Compressor Station - New Below-Grade Tank
API Number: _____ OCD Permit Number: 144B-15843
U/L or Qtr/Qtr J Section 32 Township 26N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.4412° Longitude -108.0243° NAD: [ ] 1927 [x] 1983
Surface Owner: [ ] Federal [x] State [ ] Private [ ] Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3
APR 17 2017

2.
[ ] **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: [ ] Drilling [ ] Workover
[ ] Permanent [ ] Emergency [ ] Cavitation [ ] P&A [ ] Multi-Well Fluid Management Low Chloride Drilling Fluid [ ] yes [ ] no
[ ] Lined [ ] Unlined Liner type: Thickness _____ mil [ ] LLDPE [ ] HDPE [ ] PVC [ ] Other _____
[ ] String-Reinforced
Liner Seams: [ ] Welded [ ] Factory [ ] Other _____ Volume: _____ bbl Dimensions: L_____ x W_____ x D_____

3.
[x] **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: 88 bbl Type of fluid: Compressed liquids, skid drain liquid
Tank Construction material: Welded steel plate, 3/16" thick and 1/4" thick
[ ] Secondary containment with leak detection [ ] Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
[x] Visible sidewalls and liner [ ] Visible sidewalls only [x] Other Double-wall, double-bottom tank
Liner type: Thickness 40 mil [ ] HDPE [ ] PVC [x] Other Rufco 4000B LLDPE (Specs attached)

4.
[ ] **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
[ ] Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
[ ] Four foot height, four strands of barbed wire evenly spaced between one and four feet
[x] Alternate. Please specify Compressor station is totally surrounded by 6-ft propanel fence.

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6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☒ Other Expanded metal will cover the inspection port; poultry netting will cover the annular space between the tank and the tank inspection ring.

☐ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC

☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☒ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. ☐ Yes ☒ No ☐ NA
- ☒ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . ☐ Yes ☐ No ☒ NA
NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Within an unstable area. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Within a 100-year floodplain. **(Does not apply to below grade tanks)** ☐ Yes ☐ No
- FEMA map

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). ☐ Yes ☒ No
- Topographic map; Visual inspection (certification) of the proposed site

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. ☐ Yes ☒ No
- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) ☐ Yes ☐ No
- Topographic map; Visual inspection (certification) of the proposed site

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. ☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. ☐ Yes ☐ No
NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

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Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☒ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- ☒ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☒ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☒ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☒ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

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12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☒ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method: ☒ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☒ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☒ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☒ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

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adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Allen Lain, Title: Operations Manager

Signature: Allen Lain Date: April 17, 2017

e-mail address: alain@elmridge.net or allen.lain0260@gmail.com Telephone: 505-634-1144 ext 4

18.
OCD Approval: ☒ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Approval Date: 4/25/17

Title: Environmental Spec. **OCD Permit Number:** 1584 3

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ **Closure Completion Date:**

20.
Closure Method:

☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☐ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

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22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

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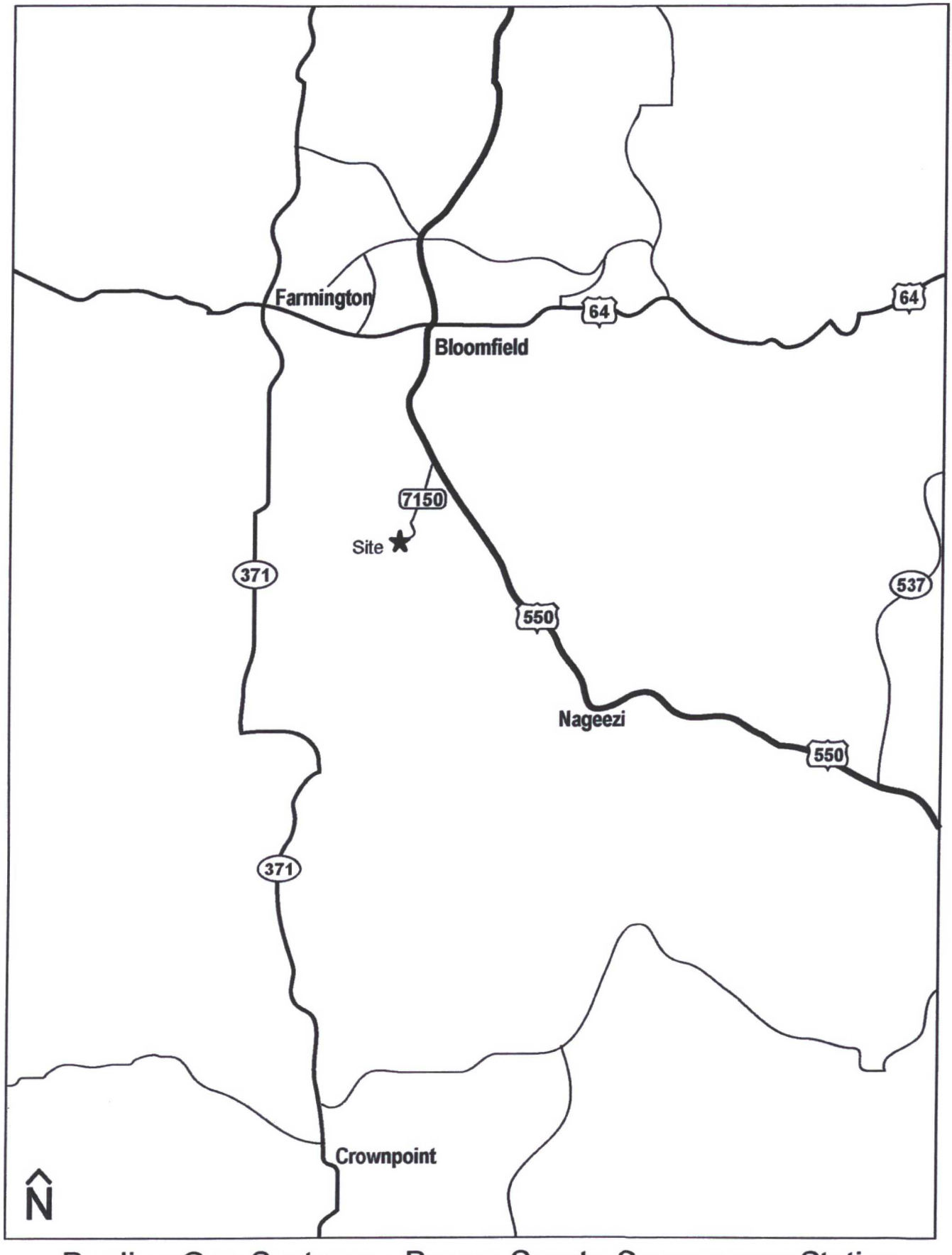

Beeline Gas Systems - Buena Suerte Compressor Station

Location Map - Approximately 20 miles SW of Bloomfield, San Juan County, NM

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The driving directions to the Buena Suerte Compressor Station are:

From the intersection of US 550 and US 64 in Bloomfield, drive south on US 550 12.4 miles to Road 7150 (just north of Hilltop store).

Turn right on Road 7150 and continue for 7.1 miles to the end of pavement. Continue a short distance past the end of pavement to the "Y".

Bear to the right at the "Y" (the intersection of Road 7150 and Road 7250) and continue on Road 7250 for 1.3 miles from the end of pavement. There should be a county address marker numbered 132 in white reflective numerals on a red background mounted to a T-post at an unnamed road. **NOTE: As you approach this unnamed road, you should be able to see the Buena Suerte Compressor Station on top of the hill to your right.**

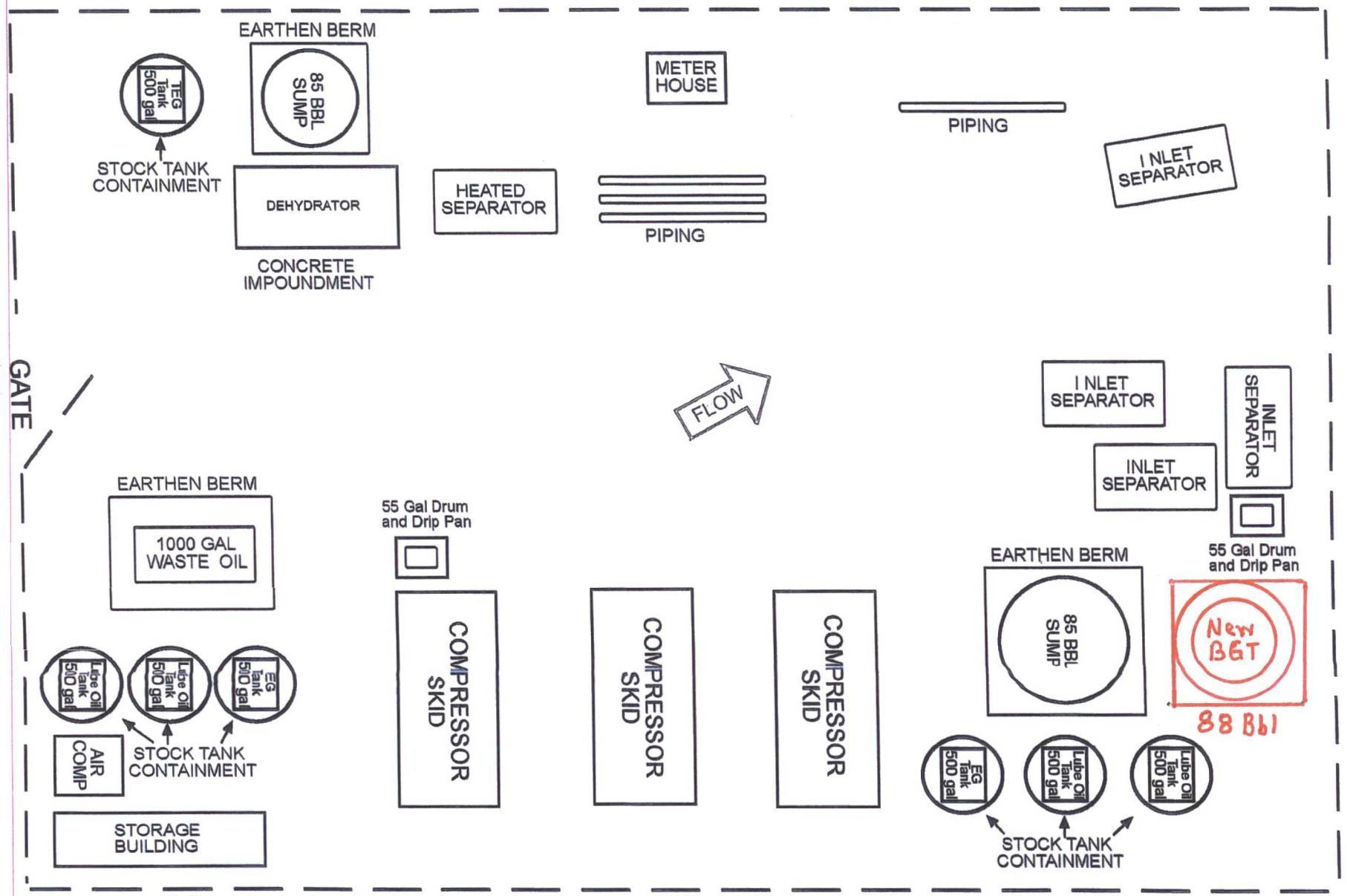
Turn right on the unnamed road. Following the county address markers numbered 132, proceed for 0.3 miles to another "Y".

Bear to the right at the "Y" and continue for 0.3 miles to the Buena Suerte Compressor Station on the right.

Call Bobby Walker at 505-320-3980 for access to the compressor station.

GPS Coordinates of Buena Suerte Compressor Station:

UTM: Zone 12S, 766691 Easting, 4037054 Northing
Ddd Mm.mmm: 36° 26.501' North, 108° 1.481' West
Ddd.ddddd: 36.44168° North, 108.02468° West
All coordinates are on the WGS84 Datum



BEELINE GAS SYSTEMS	
BUENA SUERTE COMPRESSOR SITE	
SPCC Plan - Facility Diagram	Rev. 08/09/08

LEGEND

FLOW Predicted Direction of Drainage

N W E S

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40.000
x
40
4000B
RUFCO 4000B
7496256
(rev 2)
TB
40
7496256

RUFCO® 2000B, 3000B & 4000B

Meets GRI-GM17 Standard Specification

RAVEN INDUSTRIES

Product Description

RUFCO® 2000B, 3000B and 4000B are membranes consisting of a very flexible, linear low-density polyethylene (LLDPE). LLDPE provides high elongation, tremendous tear resistance and bursting strength. A minimum carbon black content of 2.0% provides excellent protection from UV rays and harsh weather conditions. Manufactured from virgin resins, RUFCO® 2000B, 3000B and 4000B do not contain plasticizers which can migrate to the surface, causing premature aging.

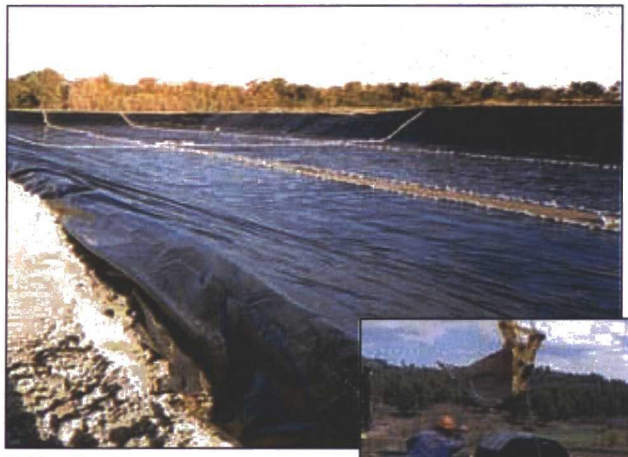
Product Use

RUFCO® 2000B, 3000B and 4000B are used in applications that require excellent outdoor longevity and chemical resistance. These are very flexible materials that will conform to uneven surfaces. Rufco® 2000B, 3000B and 4000B meet the GRI-GM17 Standard Specification.

Size & Packaging

RUFCO® 2000B is available in 50,000 square foot panels and RUFCO® 3000B in up to 35,000 square foot panels. RUFCO® 4000B is available in up to 25,000 square foot panels. All panels are accordion folded and tightly rolled onto a heavy duty core for ease of handling and time saving installation.

Rufco®



Holding Pond

Large Factory Welded Panel

Product	Part #
RUFCO	2000B
RUFCO	3000B
RUFCO	4000B

APPLICATIONS

- Decorative Ponds
- Pond/Canal Liners
- Outdoor Covers
- Fire Ponds
- Remediation Liners
- Vapor Retarders
- Brine Ponds
- Oil Field Pit Liners
- Mine Tailing Ponds
- Interim Landfill Caps
- Waste Water Ponds
- Golf Course Pond Liners
- Farm Ponds
- Leachate Collection Ponds

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RUFCO® 2000B, 3000B & 4000B

ISO 9001:2008 CERTIFIED MANAGEMENT SYSTEM

Meets GRI-GM17 Standard Specification

PROPERTIES	TEST METHOD	RUFCO 2000B		RUFCO 3000B		RUFCO 4000B	
		Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages	Min. Roll Averages	Typical Roll Averages
Thickness mils, (mm)	ASTM D5199	20.0 (0.50)	21.0 (0.53)	30.0 (0.75)	31.2 (0.78)	40.0 (1.00)	41.5 (1.04)
Density g/cm³	ASTM D792 or ASTM D1505	0.939 Max.					
*Tensile Strength lbf/in. width, (N/mm width)	ASTM D6693 1. Tensile Strength at Break 2. % Elongation at Break	76 (13) 800	120 (21) 950	125 (22) 800	165 (29) 1000	180 (32) 800	220 (39) 1000
*Tear Resistance lbf, (N)	ASTM D1004	11 (49)	14 (62)	16 (71)	20 (89)	22 (98)	27 (120)
Puncture Resistance lbf, (N)	ASTM D4833	30 (133)	45 (200)	45 (200)	60 (267)	60 (267)	80 (356)
Carbon Black %	ASTM D1603 D4218	2 - 3					
Carbon Black Dispersion	ASTM D5596	Pass					
Oxidative Induction Time (OIT) or High Pressure OIT	ASTM D3895 ASTM D5885	>100 min. >400 min.					
Oven Aging at 85°C (90 Days)	ASTM D5721/D5885	Pass		Pass		Pass	
UV Resistance (1600 Hours)	GRI GM11	Pass		Pass		Pass	
Maximum Use Temperature			180°F 82°C		180°F 82°C		180°F 82°C
Low Temp, Impact Failure Temp F, (C)	ASTM D746		<-70 (<-57)		-70 (<-57)		-70 (<-57)
Dimensional Stability % Change	ASTM D1204	<2					
Multiaxial Tension % Elongation	ASTM D5617	>90	>120	>90	>120	>90	>120
Environmental Stress Crack Resistance Hours to Failure	ASTM D5397 Appendix A	>400					
Perms grains/ft²/hr/in. Hg (grams/m²/day/mm Hg)	ASTM E96 Method 73°F, 50% RH		0.045 (0.030)		0.029 (0.019)		0.022 (0.014)
FACTORY SEAM REQUIREMENTS							
Bonded Seam Strength lbf/in width, (N/cm width)	ASTM D4545 Mod.**	40 (70)	45 (79)	60 (105)	70 (119)	75 (131)	80 (140)
Seam Peel Adhesion lbf/in width, (N/cm width)	ASTM D4545 Mod.**	30 (53)	40 (63)	45 (63)	60 (93)	70 (105)	85 (121)

Nominal Weight /Thousand Square Feet: RUFCO 2000B - 100 lbs., RUFCO 3000B - 150 lbs., RUFCO 4000B - 200 lbs.

* Tests are an average of MD and TD directions.

** Raven Industries performs seam testing at 12" per minute.

RUFCO® 2000B, 3000B and 4000B are membranes consisting of a very flexible, linear low-density polyethylene (LLDPE). LLDPE provides high elongation, tremendous tear resistance and bursting strength. A minimum carbon black content of 2.0% provides excellent protection from UV rays and harsh weather conditions. Manufactured from virgin resins, RUFCO 2000B, 3000B and 4000B do not contain plasticizers which can migrate to the surface, causing premature aging.

RAVEN INDUSTRIES

Engineered Films Division
P.O. Box 5107
Sioux Falls, SD 57117-5107
Ph: (605) 335-0174 • Fx: (605) 331-0333

Toll Free: 800-635-3456
Email: efdsales@ravenind.com
www.ravenefd.com

1/12 EFD 1155

Scan QR Code to download current technical data sheets via the Raven website.

12/47

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

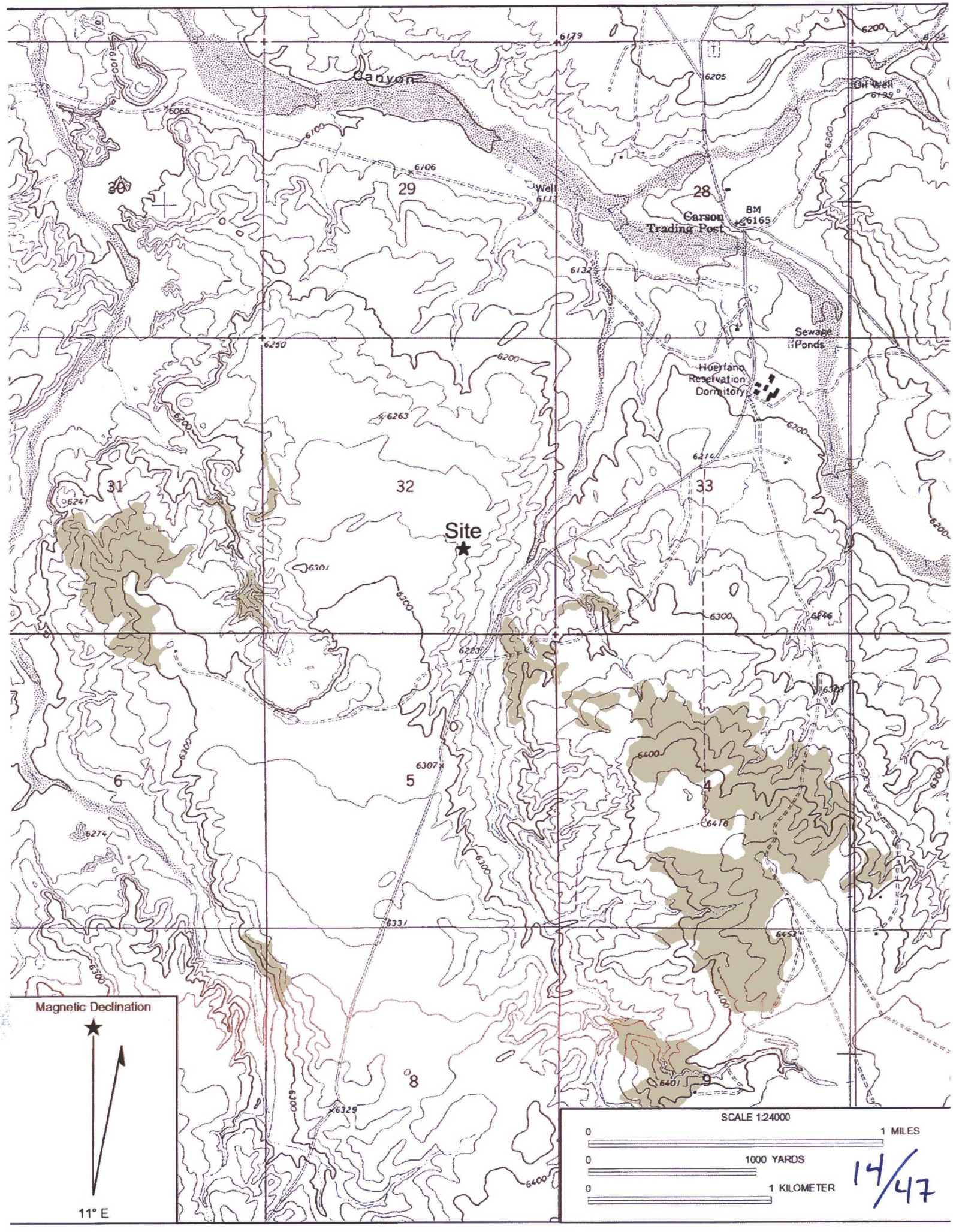
Siting Criteria Compliance Demonstration

In accordance with 19.15.17.10 A. (8) NMAC, the proposed new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS) is in compliance with the siting requirements.

1. The BGT is ***not*** located within 100 feet of a continuously flowing watercourse, significant watercourse, lakebed, sinkhole, wetland, or playa lake (measured from the ordinary high-water mark);
2. The BGT is ***not*** located within 200 feet of a spring or fresh water well used for public or livestock consumption;
3. The BGT is ***not*** located where depth to ground water is less than 25 feet below the bottom of the tank.

Please see the attached hydrogeological report for details.

13/47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Carson
Trading Post
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Sewage
Ponds
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Reservation
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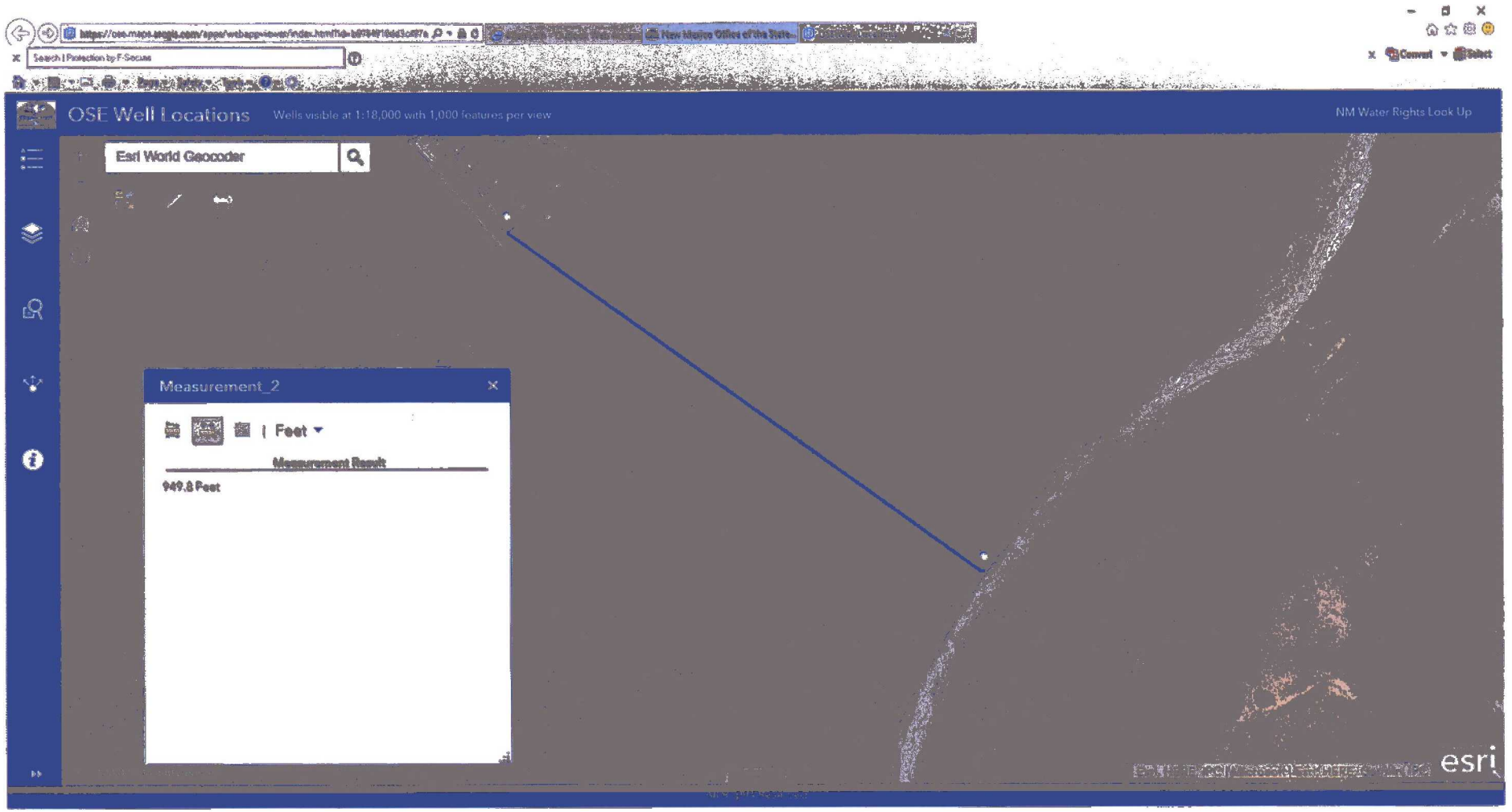
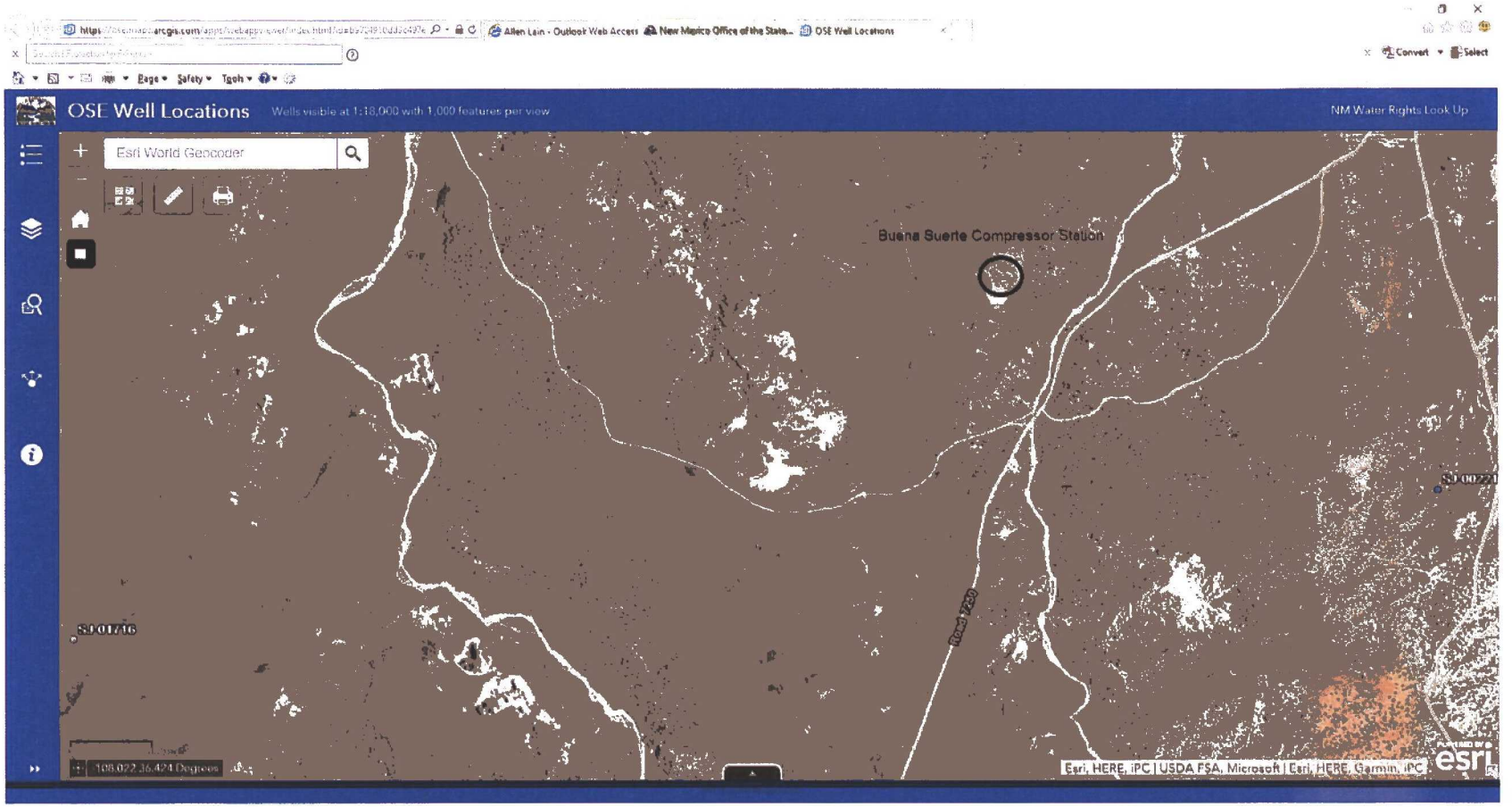
SCALE 1:24000
1 MILES
1000 YARDS
1 KILOMETER
14/47



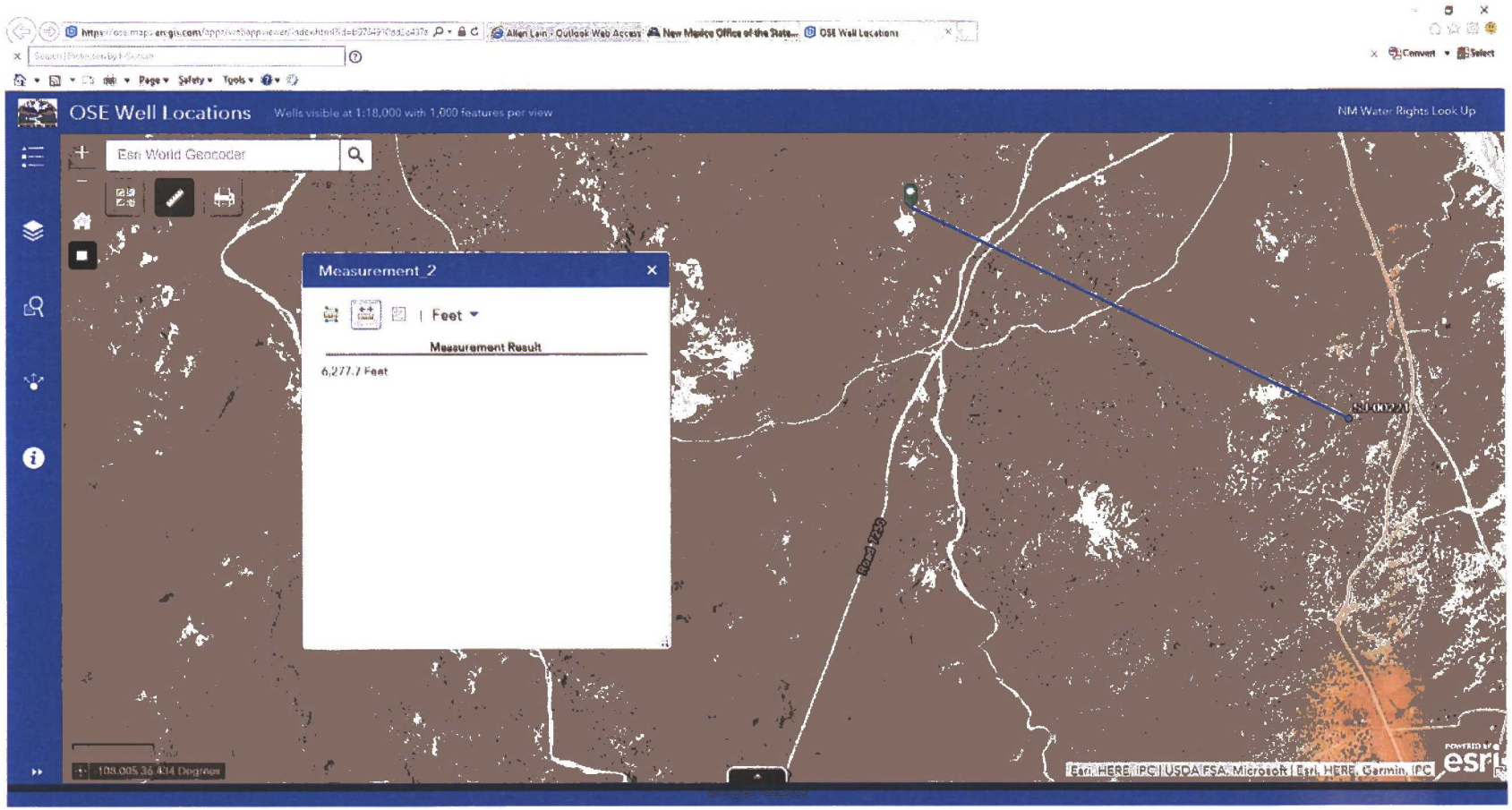
Distance from New Buena Suerte BGT to Nearest Major Watercourse

15/42



Relative Position – Buena Suerte Compressor Station, SJ 00221, & SJ 01716

10/42



Distance from New Buena Suerte BGT to SJ 00221

17/47

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: SJ 00221 **Subbasin:** - **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: CHARLEY Y. BROWN

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images 224422	72121	1977-04-08	PMT	LOG	SJ 00221	T		3	

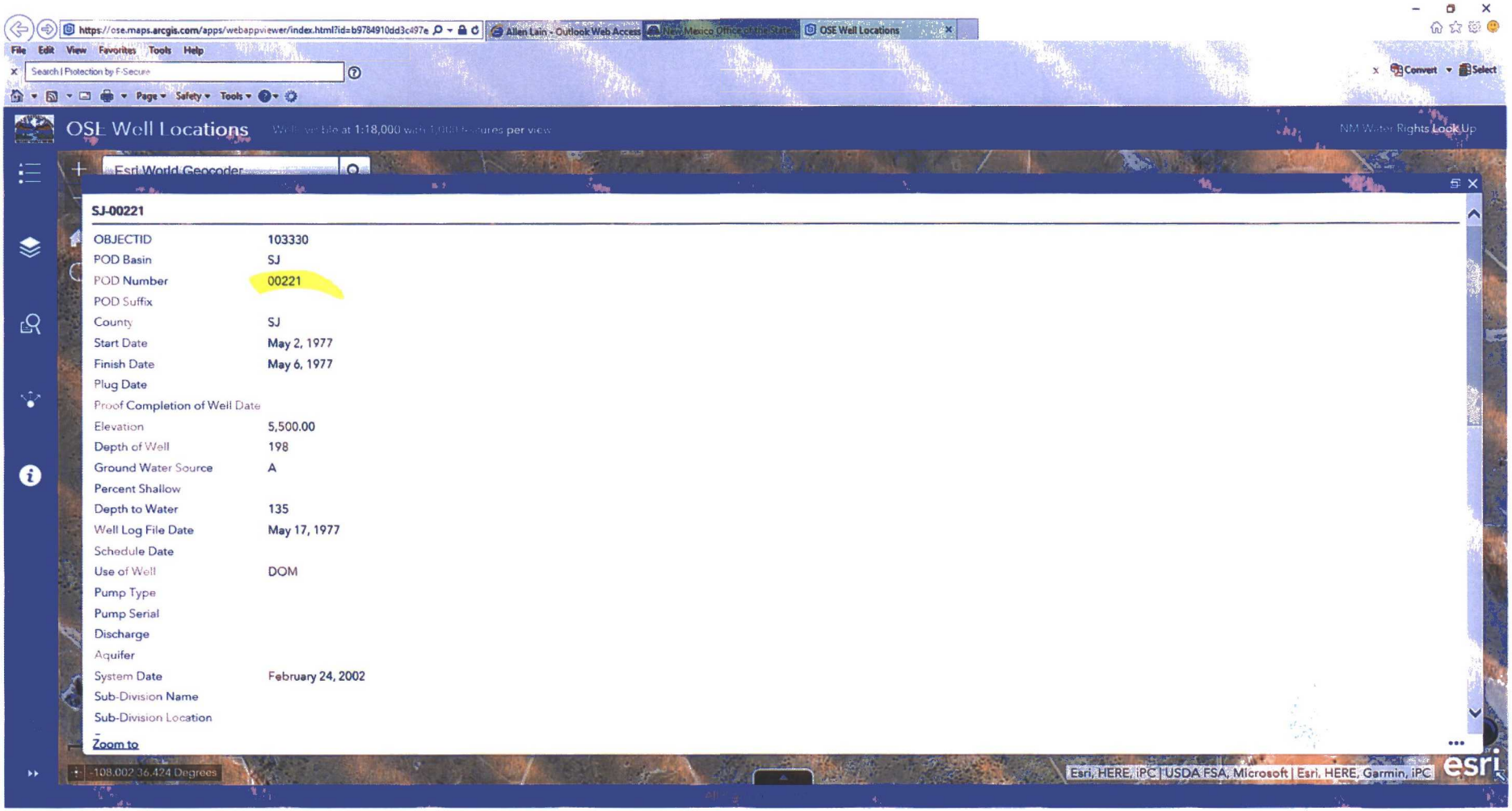
Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
SJ 00221	Artesian	2	04	25N	11W	230613	4036253*	

*An (*) after northing value indicates UTM location was derived from PLSS - see Help

18/47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New Mexico Office of the State
OSE Well Locations
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Search | Protection by F-Secure
Page Safety Tools
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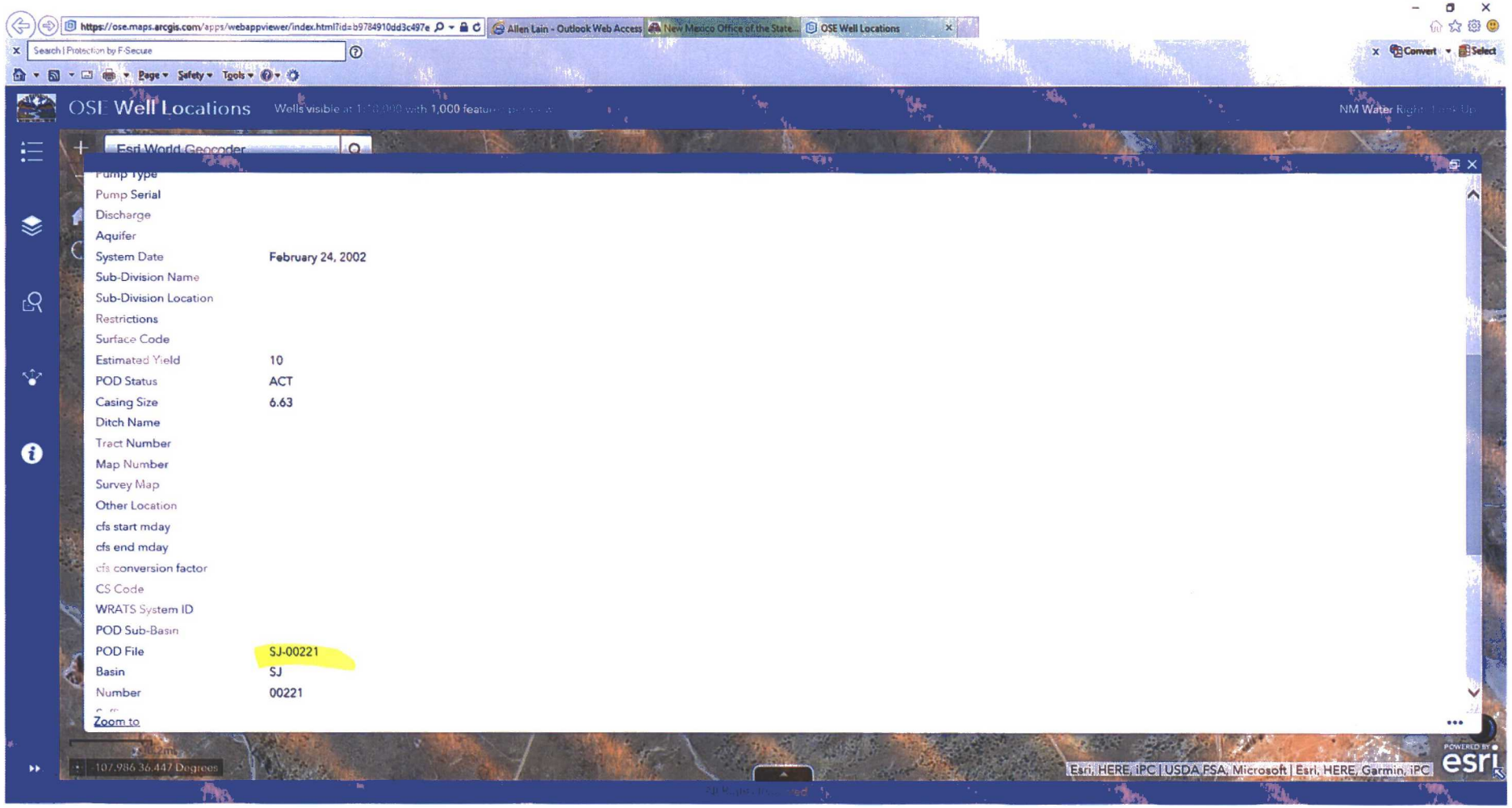
Select
OSE Well Locations
NM Water Rights Look Up
Esri World Geocoder
SJ-00221
OBJECTID 103330
POD Basin SJ
POD Number 00221
POD Suffix
County SJ
Start Date May 2, 1977
Finish Date May 6, 1977
Plug Date
Proof Completion of Well Date
Elevation 5,500.00
Depth of Well 198
Ground Water Source A
Percent Shallow
Depth to Water 135
Well Log File Date May 17, 1977
Schedule Date
Use of Well DOM
Pump Type
Pump Serial
Discharge
Aquifer
System Date February 24, 2002
Sub-Division Name
Sub-Division Location
Zoom to
-108.002 36.424 Degrees
Esri, HERE, iPC | USDA FSA, Microsoft | Esri, HERE, Garmin, iPC
esri

tH/61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Wells visible at
with 1,000 feat
NM Water Right
Esri World Geocoder
Pump Type
Pump Serial
Discharge
Aquifer
System Date February 24, 2002
Sub-Division Name
Sub-Division Location
Restrictions
Surface Code
Estimated Yield 10
POD Status ACT
Casing Size 6.63
Ditch Name
Tract Number
Map Number
Survey Map
Other Location
cfs start mday
cfs end mday
cfs conversion factor
CS Code
WRATS System ID
POD Sub-Basin
POD File SJ-00221
Basin SJ
Number 00221
Zoom to
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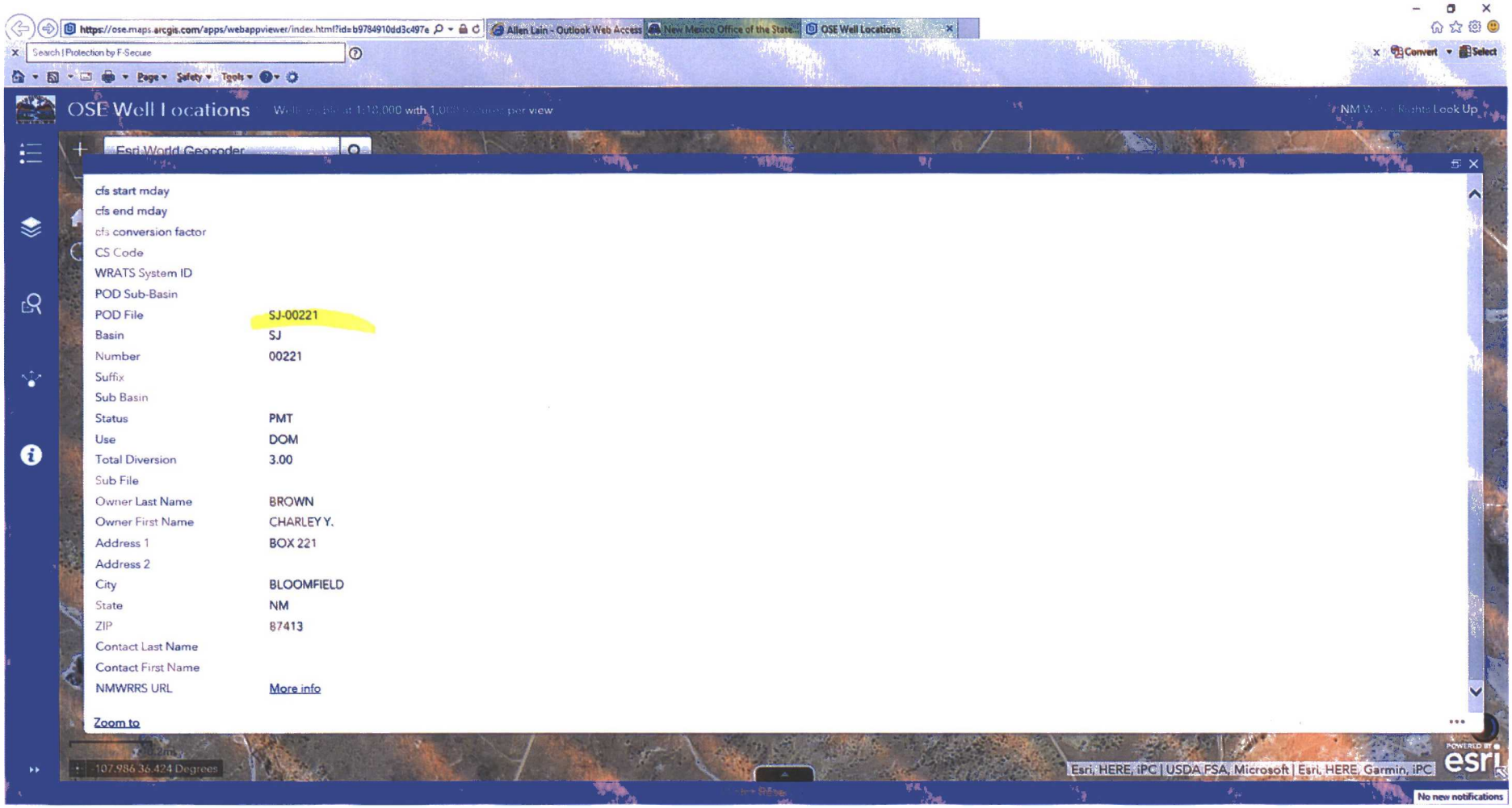
20/47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New Mexico Office of the State...
OSE Well Locations
OSE Well Locations
Esri World Geocoder
cfs start mday
cfs end mday
cfs conversion factor
CS Code
WRATS System ID
POD Sub-Basin
POD File SJ-00221
Basin SJ
Number 00221
Suffix
Sub Basin
Status PMT
Use DOM
Total Diversion 3.00
Sub File
Owner Last Name BROWN
Owner First Name CHARLEY Y.
Address 1 BOX 221
Address 2
City BLOOMFIELD
State NM
ZIP 87413
Contact Last Name
Contact First Name
NMWRRS URL More info
Zoom to
107.986 36.424 Degrees
Esri, HERE, iPC | USDA FSA, Microsoft | Esri, HERE, Garmin, iPC
No new notifications

th/12

224422

READ INSTRUCTIONS ON BACK

Revised March 1972

APPLICATION TO APPROPRIATE UNDERGROUND WATERS IN ACCORDANCE WITH SECTION 75-11-1, NEW MEXICO STATUTES

77 APR 7 AM 11 19

STATE ENGINEER OFFIC
SANTA FE, N.M. 87501

1. Name and Address of Applicant:

Charley Y Brown
Box 221
Bloomfield, New Mexico 87413

File No. SJ-221

2. Describe well location under one of the following subheadings:

a. ____ ¼ ____ ¼ NE ¼ of Sec. 4 Twp. 25 Rge. 11 W N. M. P. M., in San Jaun County.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in ____ County.

d. X = ____ feet, Y = ____ feet, N. M. Coordinate System ____ Zone
in the ____ Grant.

e. Give street address or route and box No. of property upon which well is to be located, or location by direction and distance from known landmarks At Carson Trading Post South of Bloomfield N.M.

3. Approximate depth (if known) 175 feet; outside diameter of casing 7 inches.

Name of driller (if known) William J. Hood

4. Use of water (check appropriate box or boxes):

- [X] Household, non-commercial trees, lawn and garden not to exceed 1 acre.
- [X] Livestock watering.
- [ ] Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with a commercial operation.
- [ ] Prospecting, mining or drilling operations to discover or develop natural resources.
- [ ] Construction of public works, highways and roads.

If any of the last three were marked, give name and nature of business under Remarks. (Item 5)

5. Remarks: ____

I, Charley Y. Brown, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

Charley Y. Brown, Applicant

By: William J Hood Date: 4/6/77

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to the specific conditions numbered 4 on the reverse side hereof. This permit will automatically expire unless this well is drilled or driven and the well record filed on or before April 30, 1978.

S. E. Reynolds, State Engineer

By: J. K. Couzens

J. K. Couzens, Engineer, WAter Rights Div.

Date: April 8, 1977 File No. SJ-221

22/47

GENERAL CONDITIONS OF APPROVAL

A. The maximum amount of water that may be appropriated under this permit is 3 acre feet in any calendar year.

B. The well shall be drilled only by a driller licensed in the State of New Mexico in accordance with Section 75-11-13 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eights (2 3/8) inches outside diameter (Section 75-11-13).

C. Driller's log must be filed in the office of the State Engineer within 10 days after the well is drilled or driven. Failure to file the log within that time shall result in automatic cancellation of the permit. Log forms will be provided by the State Engineer upon request.

D. The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.

E. If the well under this permit is used at any time to serve more than one household, livestock in a commercial feed lot operation, or any other commercial purpose, the permittee shall comply with Specific Conditon of Approval number 5(b).

F. In the event this well is combined with other wells permitted under Section 75-11-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre feet per annum.

SPECIFIC CONDITIONS OF APPROVAL

(Applicable only when so indicated on the other side of this form.)

1. Depth of the well shall not exceed the thickness of the (a) the valley fill or (b) Ogallala formation.
2. The well shall be constructed to artesian well specifications and the State Engineer Office shall be notified before casing is landed or cemented.
3. Appropriation and use of water under this permit shall not exceed a period of one year from the date of approval.
4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.
5. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the State Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor (a) for each calendar month, on or before the 30th day of the following month (b) on or before the 10th of January, April, July and October of each year for the three preceding calendar months (c) for each calendar year on or before the 30th day of January of the following year.
6. The well shall be plugged upon completion of the permitted use and a plugging report shall be filed in the office of the State Engineer within 10 days.
7. Final approval for the use of the well shall be dependent upon a leakage test made by the State Engineer Office.
8. Use shall be limited strictly to household and/or drinking and sanitary purposes; water shall be conveyed from the well to the place of use in closed conduit and the effluent returned to the underground so that it will not appear on the surface. No irrigation of lawns, garden, trees or use in any type of pool or pond is authorized under this permit.

INSTRUCTIONS

The application shall be made in the name of the actual user of the well for the purpose specified in the application.

The application shall be executed in triplicate and forwarded with a $1.00 filing fee to the appropriate office of the State Engineer.

A separate application must be filed for each well to be drilled or used.

If well to be used is an existing well, an explanation (and file number, if possible) should be given under Remarks. (Item 5.)

Applications for appropriation, well logs and request for information in the following basins should be addressed to the State Engineer at the office indicated;

Bluewater, Estancia, Rio Grande, and Sandia Basins
District No. 1, 505 Marquette NW, Room 1023, Albuquerque, New Mexico 87101

Capitan, Carlsbad, Fort Sumner, Hondo, Jal, Lea, Penasco, Portales, Roswell, and Upper Pecos Basins
District No. 2, Box 1717, Roswell, New Mexico 88201

Animas, Gila-San Francisco, Hot Springs, Las Animas Creek, Lordsburg, Mimbres, Nutt-Hockett, Playas, San Simon, and Virden Valley Basins
District No. 3, Box 844, Deming, New Mexico 88030

Canadian River Basin
State Engineer Office, State Capitol, Bataan Memorial Bldg., Santa Fe, New Mexico 87501

23/47

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

'77 MAY 18 AM 11 03

STATE ENGINEER OFFIC
SANTA FE, N.M. 87501

Section 1. GENERAL INFORMATION

(A) Owner of well Charlie Y. Brown Owner's Well No.
Street or Post Office Address Box 221
City and State Bloomfield, New Mexico.

Well was drilled under Permit No. SJ 221 and is located in the:

a. ¼ ¼ ¼ NE ¼ of Section 4 Township 25W Range 11W N.M.P.M.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the
[redacted], recorded in San Juan County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor ~~William J. Hood~~ License No. WD 717

Address Rt.3, Box 234, Flora Vista, New Mexico

Drilling Began 5/3/77 Completed 5/7/77 Type tools Cable Size of hole 6-5/8 in.

Elevation of land surface or at well is 5500 ft. Total depth of well 198 ft.

Completed well is ☐ shallow ☒ artesian. Depth to water upon completion of well 135 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
168	198	30	Blue Water Sand	10

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6 5/8	.188		0	52	52	None		
5.3	S - 200	Plastic	52	198	146		158	198

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 5/18/77

Quad FWL FSL

File No. SJ-221 Use Dom Location No. 25N.11W.4 200

San Juan Co.

24/47

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	52	52	Sandy Over - Burden
52	168	116	Blue Shale
168	198	30	Blue Water-Bearing Sand

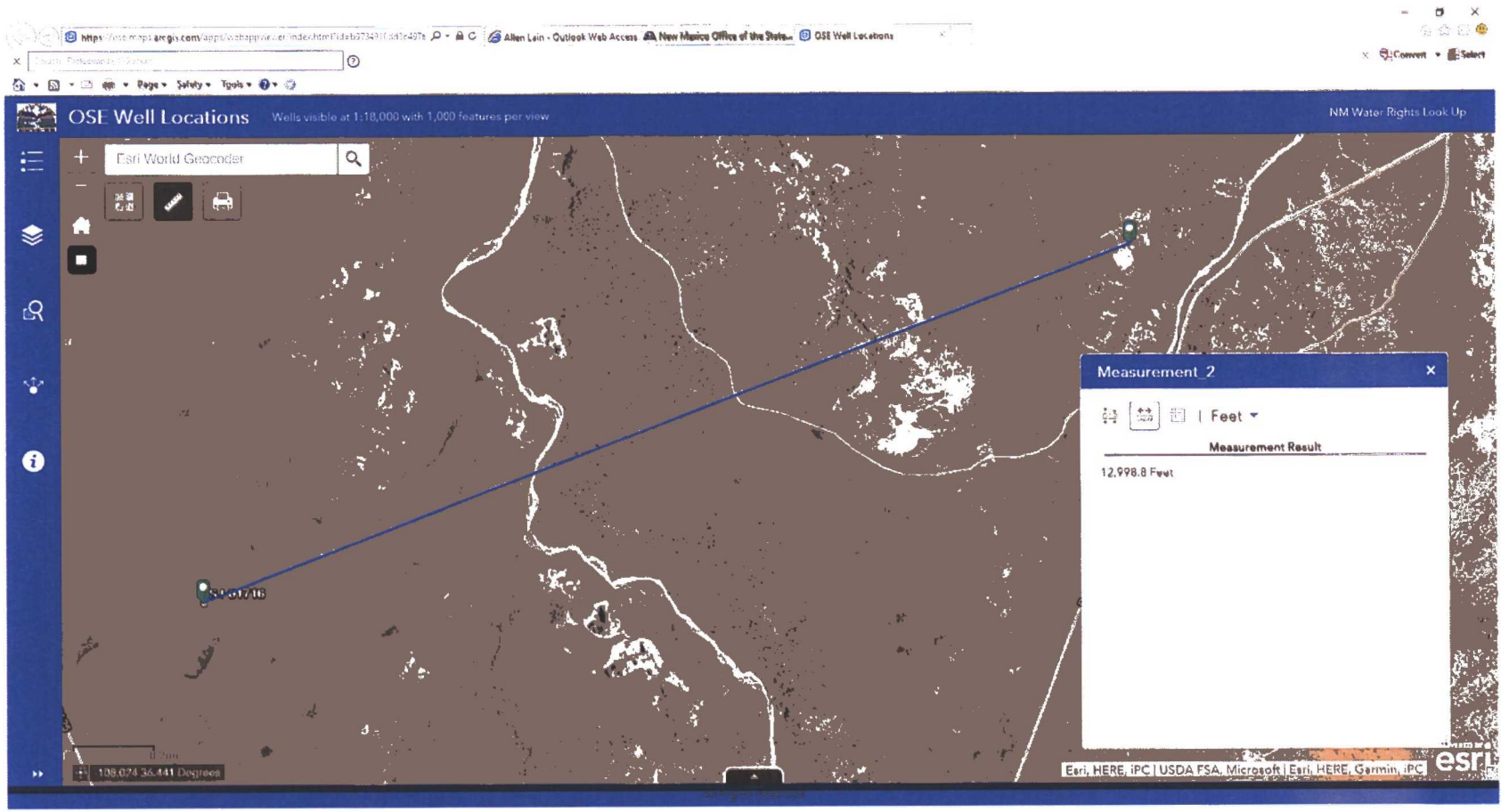
Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

W. J. Hood
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

25/47



Distance from New Buena Suerte BGT to SJ 01716

2/12

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: SJ 01716 **Subbasin:** - **Cross Reference:** -

Primary Purpose: STK 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 0 **Subfile:** -

Total Diversion: 15 **Cause/Case:** -

Owner: U.S. DEPT. OF INTERIOR

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	232061	DCL	1983-04-29	DCL	PRC	SJ 01716	T	0	15	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Other Location Desc
SJ 01716	Shallow	2	3		01	25N	12W	225189	4035835*	

*An (*) after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
02/05/1964	DCL	0	15	SJ 01716	Shallow

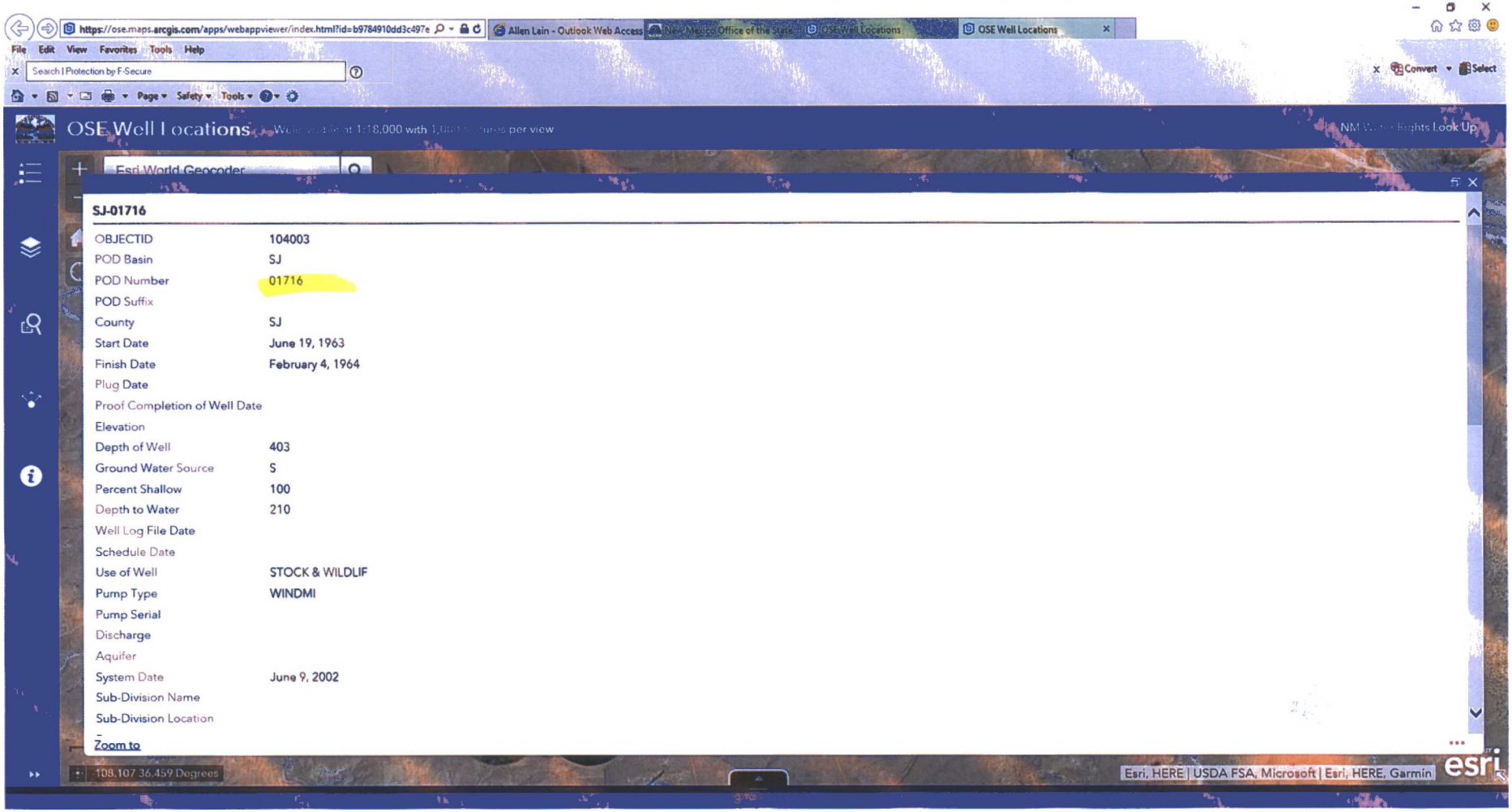
Place of Use

Q 256	Q 64	Q 16	Q 4	Sec	Twn	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0	15		STK	02/05/1964	DCL	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	15		STK	02/05/1964	GW	

27/47


OSE Well Locations
Esri World Geocoder
SJ-01716
OBJECTID 104003
POD Basin SJ
POD Number 01716
POD Suffix
County SJ
Start Date June 19, 1963
Finish Date February 4, 1964
Plug Date
Proof Completion of Well Date
Elevation
Depth of Well 403
Ground Water Source S
Percent Shallow 100
Depth to Water 210
Well Log File Date
Schedule Date
Use of Well STOCK & WILDLIF
Pump Type WINDMI
Pump Serial
Discharge
Aquifer
System Date June 9, 2002
Sub-Division Name
Sub-Division Location
Zoom to
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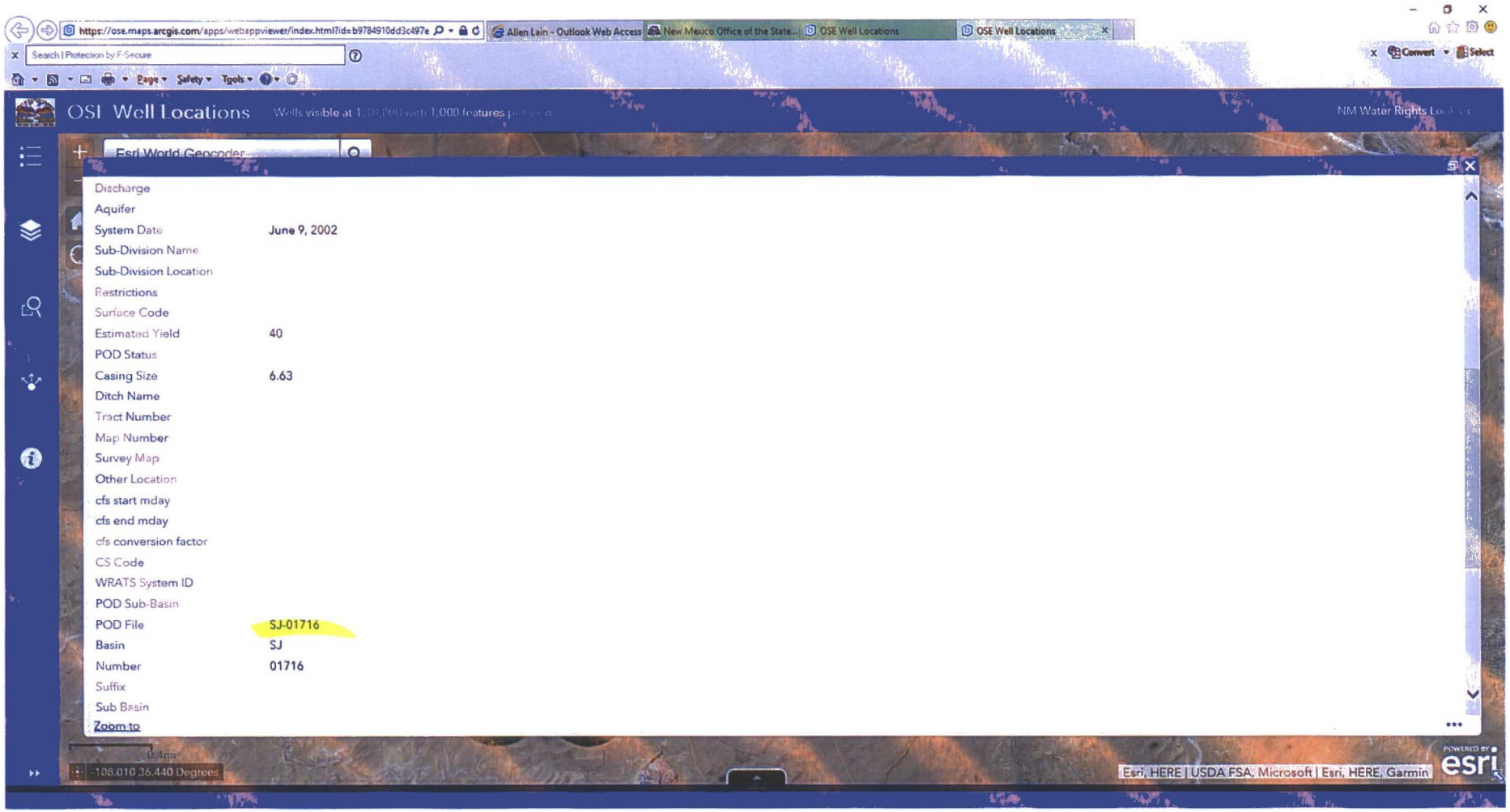
28/47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New Mexico Office of the State...
OSE Well Locations
OSE Well Locations
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Esri World Geocoder
Discharge
Aquifer
System Date June 9, 2002
Sub-Division Name
Sub-Division Location
Restrictions
Surface Code
Estimated Yield 40
POD Status
Casing Size 6.63
Ditch Name
Tract Number
Map Number
Survey Map
Other Location
cfs start mday
cfs end mday
cfs conversion factor
CS Code
WRATS System ID
POD Sub-Basin
POD File SJ-01716
Basin SJ
Number 01716
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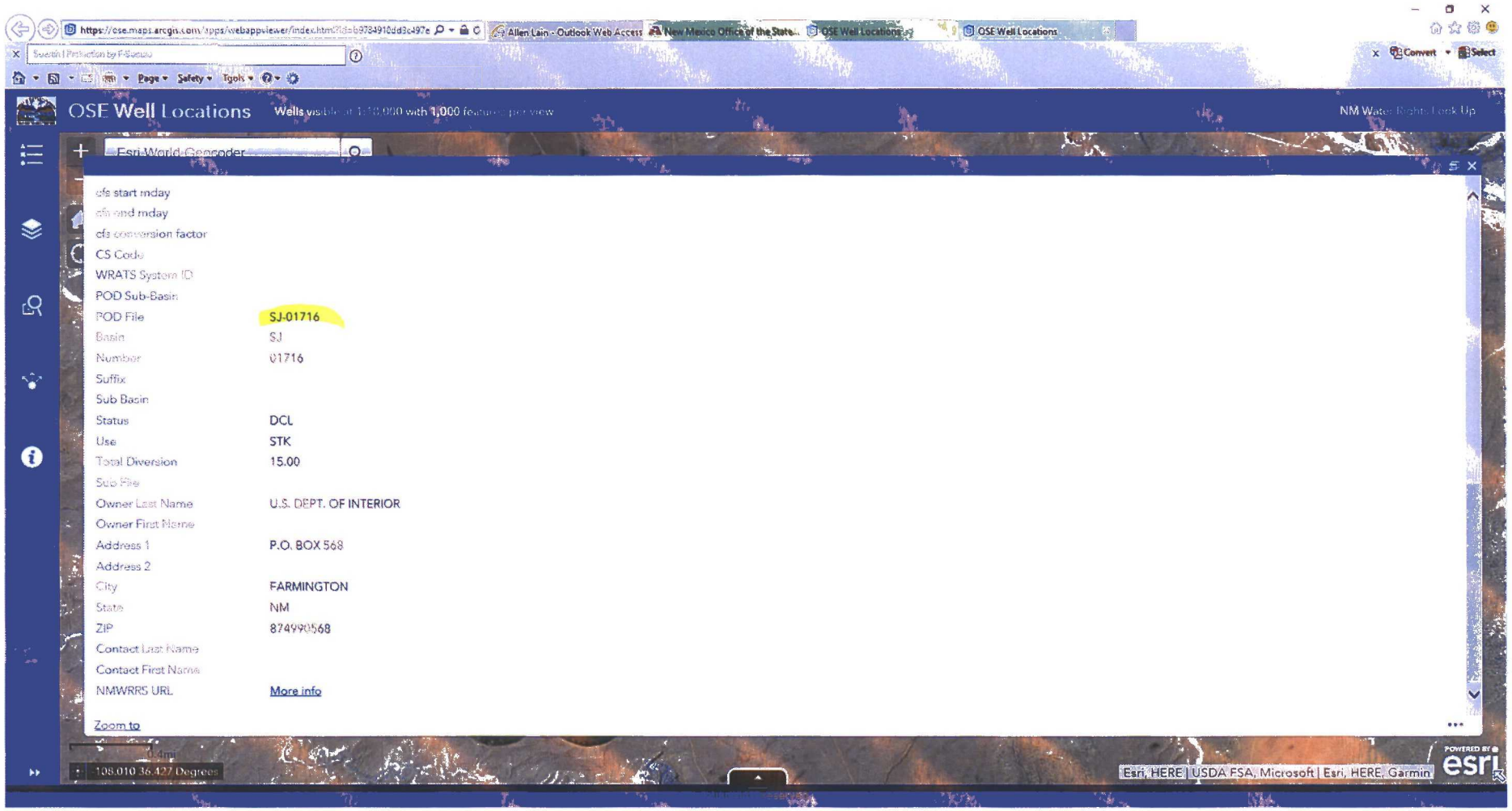

OSE Well Locations
Wells visible at 1:10,000 with 1,000 features per view
NM Water Rights Look Up
Esri World Geocoder
cfs start mday
cfs end mday
cfs conversion factor
CS Code
WRATS System ID
POD Sub-Basin
POD File
SJ-01716
Basin
SJ
Number
01716
Suffix
Sub Basin
Status
DCL
Use
STK
Total Diversion
15.00
Sub File
Owner Last Name
U.S. DEPT. OF INTERIOR
Owner First Name
Address 1
P.O. BOX 568
Address 2
City
FARMINGTON
State
NM
ZIP
874990568
Contact Last Name
Contact First Name
NMWRRS URL
More info
Zoom to
108.010 36.427 Degrees
Esri, HERE | USDA FSA, Microsoft | Esri, HERE, Garmin
esri

30/47

Revised December 1975

23206.1

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

HC-107368

Declaration of Owner of Underground Water Right

SAN JUAN UNDERGROUND WATER BASIN
BASIN NAME

Declaration No. SJ-1716 Date received April 29, 1983

STATEMENT

1. Name of Declarant U. S. Dept. of Interior, Bureau of Land Management
   Mailing Address P. O. Box 568, Farmington, New Mexico 87499-0568
   County of San Juan, State of New Mexico
2. Source of water supply Nacimiento Formation
   (artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings:
   a. ____ ¼ NE ¼ SW ¼ of Sec. 1 Twp. 25 N. Rge. 12 W. N.M.P.M., in San Juan County.
   b. Tract No. ____ of Map No. ____ of the ____
   c. X = ____ feet, Y = ____ feet, N. M. Coordinate System ____ Zone in the ____ Grant.
   On land owned by Bureau of Land Management (see address above)
4. Description of well: date drilled 6/20/63-2/5/64 driller W. R. West Drilling Co. depth 403 feet. outside diameter of casing 6 5/8 inches; original capacity 40 gal. per min.; present capacity 40 gal. per min.; pumping lift 375 feet; static water level 210 feet ~~above~~ (below) land surface; make and type of pump 1 7/8 inch cylinder (plunger on sucker rod) make, type, horsepower, etc., of power plant 14 foot diameter aermotor mounted on steel tower. Fractional or percentage interest claimed in well 100% (all)
5. Quantity of water appropriated and beneficially used ____ (acre feet per acre) 15 (acre feet per annum) for livestock and wildlife purposes.
6. Acreage actually irrigated N/A acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 2 (month) 5 (day) 1964 (year) and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: N/A
8. Additional statements or explanations Carson No. 1 Well (see Log of Well and Project Completion Report)

I, Farmington Resource Area Manager being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

Jim Sims, declarant.

by: ____

Subscribed and sworn to before me this 25 day of April, A.D. 1983

My commission expires April 13, 1987 Shirley G. Davenport Notary Public

FILED
UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM.
ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

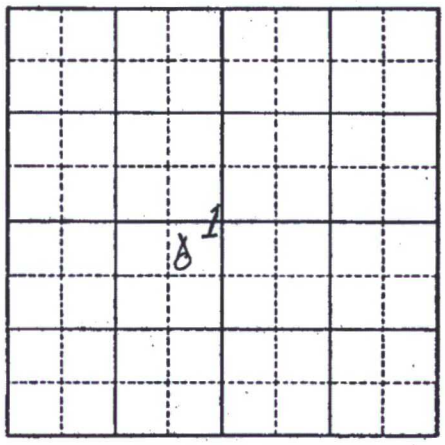
STATE ENGINEER OFFICE
ALBUQUERQUE, N. MEX.
83 APR 29 AM 10 35

Log in location file

31/47

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) 1, Township 25 N., Range 12 W. N. Pl. P. Pl.



INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a $1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

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United States Department of the Interior

IN REPLY REFER TO
7421

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
P.O. BOX 568
FARMINGTON, NEW MEXICO 87499-0568

APR 28 1983

New Mexico State Engineer
District I Office
2340 Menaul, NE, Suite 206
Albuquerque, New Mexico 87107-1884

Dear Sir:

Enclosed, please find Declaration of Owner of Underground Water Right for sixteen of our wells for livestock and wildlife watering purposes. Sixteen dollars are enclosed for filing fees.

If you have any questions, please call Dana Shuford of our staff (505-325-3581).

Sincerely yours,

acting Jim Sims
Area Manager

Enclosures

83APR 29 A10:34
STATE ENGINEER
DISTRICT I OFFICE
ALBUQUERQUE, N. MEX.

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3.0 HYDROGEOLOGICAL REPORT

3.1 Referenced Well Location

The referenced site is located on New Mexico State land in San Juan County, New Mexico. This site is positioned in the central portion of the San Juan Basin, an asymetrical syncline that extends from northwestern New Mexico into southwestern Colorado (Carson National Forest DEIS, 2007). The project area is located approximately 20 miles southeast of Farmington, New Mexico

3.2 General Regional Groundwater Description:

As a portion of the San Juan Basin, the region is underlain by sandstone aquifers of the Colorado Plateau. The primary aquifer of potential concern at this location is the Unita-Animas Aquifer, composed primarily of Lower Tertiary rocks in the San Juan Basin. The aquifer consists of the San Jose Formation; the underlying Animas formation and its lateral equivalent, the Nacimiento formation; and the Ojo Alamo Sandstone. The thickness of the Unita-Animas aquifer generally increases toward the central part of the basin. In the northeastern part of the San Juan Basin, the maximum thickness of the aquifer is approximately 3500 feet (USGS, 2001). This aquifer contains fresh to moderately saline water TDS is approximated at 1400.

Groundwater generally flows toward the San Juan River and it tributaries, where it becomes alluvial groundwater or is discharged to stream flow. Additional information regarding the Hydrogeologic setting can be found in the provided references.

3.3 Site Specific Information

Surface Hydrology:	The site is located in upper elevations of a northeastern slope. The nearest drainage is located more than 300 feet from the site.
1st Water Bearing Formation:	Nacimiento Formation, Tertiary
Formation Thickness:	Approximately 300 feet
Underlying Formation:	Ojo Alamo Sandstone, Tertiary
Depth to Groundwater:	Depth to groundwater is estimated at greater than 100 feet bgs. The nearest iWATER wells for which water depth is recorded (SJ-01716, over 13,000 feet to the southwest; SJ-00221, over 6000 feet to the southeast) have recorded water depths of 210 and 135 feet, respectively.

4.1 References

Allen, Erin. Undated. Colorado Plateau Aquifers. http://academic.emporia.edu/schulmem/hydro/TERM%20PROJECTS/2007/Allen/Aquifer.html.

New Mexico Energy, Minerals and Natural Resources Department, Division of Mining and Minerals. Database. 2008. Internet accessed August 2008.

New Mexico Office of the State Engineer. August 2008. iWaters database. Internet accessed August 2008.

New Mexico WQCC. 2005. State of New Mexico Water Quality Act and the Water Control Commission Regulations.

United States Department of Agriculture, Forest Service. 2007. Draft Environmental Impact Statement for Surface Management of Gas Leasing and Development. Jicarilla Ranger District, Carson National Forest, Rio Arriba County, New Mexico.

United States Department of the Interior. Bureau of Land Management. 2003. Final Farmington Resource Management Plan and Final Environmental Impact Statement. Farmington Field Office, Farmington, New Mexico.

United States Geological Survey. 2001. Groundwater Atlas of the United States: Arizona, Colorado, New Mexico and Utah. USGS Publication HA 730-C; http://capp.water.usgs.gov.

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

Design and Construction Plan

In accordance with 19.15.17.11 NMAC, the following plan describes the design and construction (D&C) of a new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS). BSCS is located in San Juan County approximately 20 miles, by road, southwest of Bloomfield, NM. The BGT will be a double-wall, double-bottom, welded steel tank with a welded steel top fabricated from 3/16-inch thick plate except for a 2 foot by 2 foot inspection port covered by expanded metal. The walls will be fabricated from 3/16-inch thick welded steel plate and the bottoms will be fabricated from ¼-inch thick welded steel plate. To facilitate gravity drainage from the compressor skids to the BGT, the top of the BGT will be approximately 2-1/2 feet below the surrounding ground level. A tank inspection ring will surround the BGT to prevent sloughing of the soil onto the BGT. *Please see the attached sketch.* Poultry netting will cover the annular space between the BGT and the inspection ring. The tank inspection ring will protrude several inches above ground level and an earthen berm will be constructed to the top of the tank inspection ring to prevent run-on from entering the BGT excavation. Additionally, a 40-mil, LLDPE liner (RUFCO 4000B) will totally surround the tank inspection ring to prevent contamination of the soil in the event of an overflow.

1. **General specifications:** BGS will design and construct this BGT to contain liquids and solids; to prevent contamination of fresh water; and to protect public health and the environment.
2. **Stockpiling of topsoil:** This BGT will be located in an active compressor station with limited storage space. As a variance to stockpiling the topsoil from this excavation, the soil will be used to fill the excavation from the remediation and closure of the two existing BGT in this facility.
3. **Signs:** As a variance to posting a sign on the fence surrounding the BGT, a sign will be posted in a conspicuous place on the BSCS facility fence. This sign will be 12-inches by 24-inches with 2-inch lettering and will give the following information: the operator's name; the facility name; the location of the site by unit letter, section, township, and range; and the emergency telephone number.
4. **Fencing:** The BGT will be located completely inside an existing compressor station. This facility is surrounded by a 6-foot, Propanel perimeter fence. Access to the facility is by way of a 6-foot high by 20-feet wide, double gate commercially manufactured of chain-link with barbed wire across the top.
5. **Netting:** The top of the BGT will be totally enclosed with either steel plate or expanded metal.
6. **Below-Grade Tank Construction:** The BGT will be constructed of steel plate with double walls, a double bottom, and an enclosed top. All welding will meet or exceed industry standards. The top will have a 2-foot by 2-

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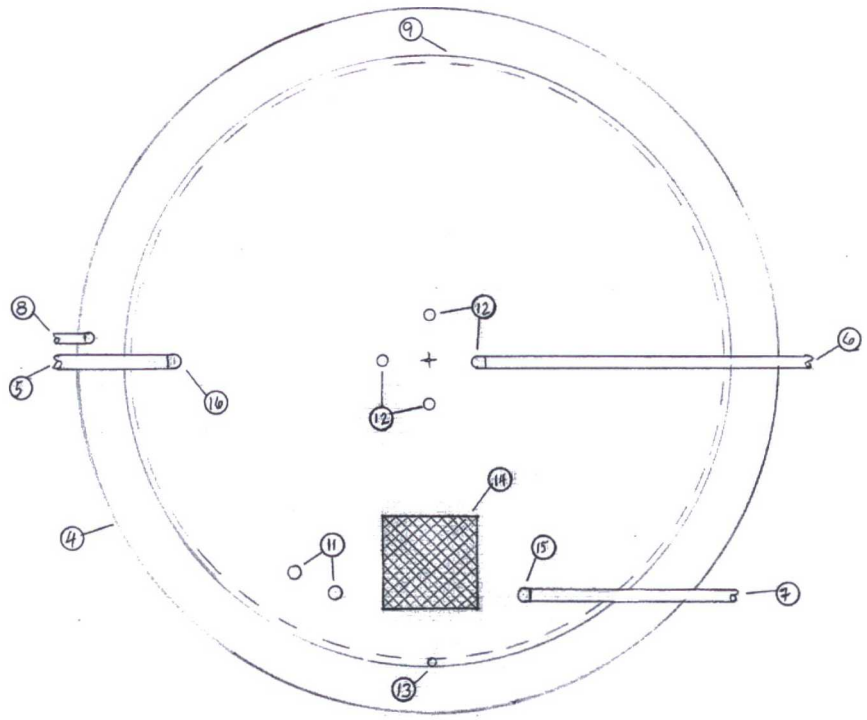
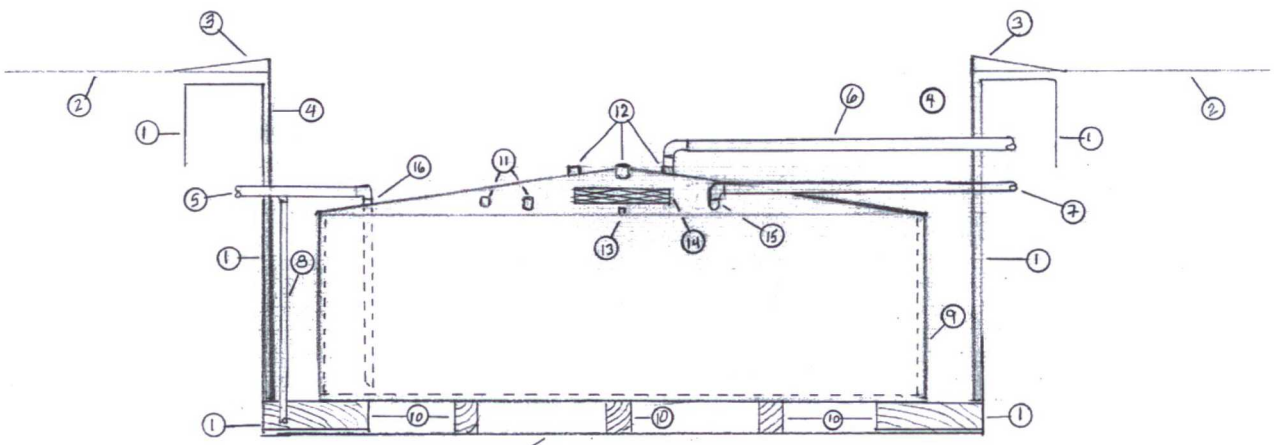
foot inspection port covered with expanded metal to facilitate monitoring the liquid level in the tank. A ¾-inch coupling will be installed in front of the inspection port in the interstitial space between the double walls to allow monthly inspection to determine the integrity of the BGT. This coupling will be capped when not in use. Compressed liquids from the separators will enter the tank at the crown of the enclosed top through a diffuser to reduce spray. Liquid from the skid drains will enter the tank near the perimeter of the enclosed top to facilitate gravity drainage from the skids. Two 2-inch couplings will be located near the inspection port for future use. A solid riser will be installed to allow withdrawal of liquids by a vacuum truck. The riser will draw from the bottom of the BGT and will be capped when not in use. The load-line piping will be sloped toward the BGT to allow drainage of liquids not collected during withdrawal operations.

7. **Below-Grade Tank Materials:** BGS will design and construct the BGT to contain liquids associated with the compression and dehydration of natural gas. The materials will be resistant to the contents of the tank and to ultra-violet light to prevent contamination of fresh water sources, to protect the public, and to protect the environment. The exterior of the BGT will be coated with an epoxy base paint. The interior of the BGT will be protected from corrosion by anodes.
8. **Below-Grade Tank Foundation:** The foundation of the BGT will be a level base free of rock, debris, sharp edges, or irregularities to prevent punctures, cracks, or indentations of the liner or tank bottom.
9. **Prevention of Run-on:** The BGT will be inside a tank inspection ring to prevent sloughing of the soil surrounding the tank. The top of the tank inspection ring will protrude a few inches above ground level and an earthen berm will be constructed to the top of the tank inspection ring to prevent run-on from entering the excavation for the BGT. Additionally, a 40-mil, LLDPE liner (RUFCO 4000B) will totally surround the tank inspection ring to prevent contamination of the soil in the event of an overflow.
10. **Design sketch:** Please see the attached sketch of the BGT and the accompanying legend for details of the design.

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
New Below Grade Tank



Top View



Side View

See Attached Legend for Tag Descriptions

Not to Scale

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Tag Number	Description
1	Liner
2	Original Ground Level
3	Berm
4	Tank Inspection Ring
5	Load Line
6	Pressure Dump Line
7	Gravity Dump Line
8	Rain Water & Snow Melt Removal Line
9	Double-wall, Double-bottom Tank
10	4-inch or 6-inch Timbers
11	2-inch Coupling (Future Use)
12	2-inch Coupling (Muffler Inlet)
13	3/4-inch Coupling (Leak Detection)
14	Expanded Metal Hatch Cover
15	2-inch Coupling (Gravity Drain Inlet)
16	3-inch Pipe, MNPT (Load Line Connection)

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

Operations and Maintenance Plan

In accordance with 19.15.17.12 NMAC, the following plan describes the operation and maintenance (O&M) of a new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS). BSCS is located in San Juan County approximately 20 miles, by road, southwest of Bloomfield, NM.

Operation of BGT

General Specifications: BGS shall maintain and operate the BGT: to contain liquids and solids; to maintain the integrity of the liner, liner system, or secondary containment system; to prevent contamination of fresh water; and to protect public health and the environment.

Overview: The BGT will collect liquid from the inlet separators, compressor suction scrubbers, dehydrator scrubbers, and compressor skids. Pressurized liquid from the separators and scrubbers will enter the BGT through a muffler located in the crown of the enclosed top of the tank. The muffler will reduce the velocity of the pressurized liquid to prevent spraying. Liquid from the skid drains will enter the BGT, by gravity drainage, through piping connected to a 2-inch coupling located near the perimeter of the top of the tank next to the inspection port. Liquid will be removed from the BGT by a vacuum truck through a riser from the bottom of the tank to the top of the tank. Rainwater and snowmelt will be removed from the annular space between the BGT and the tank inspection ring by a vacuum truck through a riser from the bottom of the excavation to above ground level. The load lines shall be angled such that any liquid not captured during the loading operation will drain back into the BGT or the annular space, respectively.

1. BGS shall remove any measureable oil from the BGT. Saleable oil or condensate shall be collected and sold. Slop oil from compression shall be collected in a waste oil container and recycled by a company such as Safety Kleen or Hydropure
2. BGS shall not discharge into or store any hazardous waste in the BGT.
3. If the BGT develops a leak, BGS shall remove all liquid above the leak within 48 hours of discovery, notify the appropriate division office pursuant to 19.15.29 NMAC, and repair damage or replace the BGT as applicable.
4. BGS shall observe the liquid level in the BGT during routine patrols of BSCS and shall maintain sufficient freeboard to prevent overflow.
5. The combination of the above-ground protrusion of the tank inspection ring and earthen berm constructed to the top of the tank inspection ring shall be maintained as protection from run-on.

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

Operations and Maintenance Plan

In accordance with 19.15.17.12 NMAC, the following plan describes the operation and maintenance (O&M) of a new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS). BSCS is located in San Juan County approximately 20 miles, by road, southwest of Bloomfield, NM.

Operation of BGT

General Specifications: BGS shall maintain and operate the BGT: to contain liquids and solids; to maintain the integrity of the liner, liner system, or secondary containment system; to prevent contamination of fresh water; and to protect public health and the environment.

Overview: The BGT will collect liquid from the inlet separators, compressor suction scrubbers, dehydrator scrubbers, and compressor skids. Pressurized liquid from the separators and scrubbers will enter the BGT through a diffuser located in the crown of the top of the enclosed tank. The diffuser will reduce the velocity of the pressurized liquid to prevent spraying. Liquid from the skid drains will enter the BGT, by gravity drainage, through piping connected to a 2-inch coupling located near the perimeter of the top of the enclosed tank next to the inspection port. Liquid will be removed from the BGT by a vacuum truck through a load line connected to a riser from the bottom of the tank to the top of the tank. Rainwater and snowmelt will be removed from the annular space between the BGT and the tank inspection ring by a vacuum truck through a load line/riser assembly from the bottom of the excavation to above ground level. The load lines shall be angled such that any liquid not captured during the loading operation will drain back into the BGT or the annular space, respectively.

1. BGS shall remove any measureable oil from the BGT. Saleable oil or condensate shall be collected and sold. Slop oil from compression shall be collected in a waste oil container and recycled by a company such as Safety Kleen or Hydropure
2. BGS shall not discharge into or store any hazardous waste in the BGT.
3. If the BGT develops a leak, BGS shall remove all liquid above the leak within 48 hours of discovery, notify the appropriate division office pursuant to 19.15.29 NMAC, and repair damage or replace the BGT as applicable.
4. BGS shall observe the liquid level in the BGT during routine patrols of BSCS and shall maintain sufficient freeboard to prevent overflow.
5. The combination of the above-ground protrusion of the tank inspection ring and earthen berm constructed to the top of the tank inspection ring shall be maintained as protection from run-on.

Operation and Maintenance Plan (Continued)

6. Rainwater and snowmelt will be removed, as needed, from the annular space between the BGT and the inspection ring, then placed in the BGT for disposal with the produced water.
7. Produced water shall be disposed of in an NMOCD approved facility such as Basin Disposal or other NMOCD approved water disposal facility.

Maintenance of BGT

1. **Routine Monitoring:** BGS shall observe the liquid level in the BGT during routine patrols of BSCS and shall maintain sufficient freeboard to prevent overflow.
2. **Inspection and Test Frequency:** BGS shall inspect the BGT monthly for leaks and damage. The BGT shall be tested annually to ensure the integrity of the tank by filling the tank to capacity with fresh water and monitoring the interstitial space between the double walls for liquid entry.
3. **If the Tank Integrity is Compromised:**
    a. all discharges to the BGT shall be shut off;
    b. all liquids shall be removed as soon as possible, but no later than 48 hours after discovery;
    c. BGS shall notify and report to NMOCD in accordance with 19.15.29 NMAC and all other applicable agencies as required.
4. **Inspection Reports:** BGS shall retain all monthly inspection reports and all annual integrity test reports at its Bloomfield, NM office for a period of at least five (5) years. The reports may be in digital or paper format. The reports shall be available to NMOCD upon request.

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

Closure Plan

In accordance with 19.15.17.13 NMAC, the following plan describes the closure requirements of the new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS). BSCS is located in San Juan County approximately 20 miles, by road, southwest of Bloomfield, NM.

Closure Requirements Where Wastes are to be Disposed of Off-site

1. BGS shall dispose of all wastes at a division-approved facility.
2. BGS shall not commence closure without first obtaining approval of the closure plan submitted with this registration.
3. BGS shall close the BGT by first removing all contents and, if applicable, synthetic liners and transferring those materials to a division-approved facility.
4. BGS shall test the soils beneath the BGT as follows:
   a. At a minimum, a five-point composite sample to include any obvious stained or wet soils, or other evidence of contamination shall be taken under the liner or BGT and that sample shall be analyzed for the constituents listed in Table 1 of 19.15.17.13 NMAC (below).
   b. If any contaminant concentration is higher than the parameters listed in Table 1 of 19.15.17.13 NMAC (below) the division may require additional delineation upon review of the results and BGS must obtain approval before proceeding with closure.
   c. If all contaminant concentrations are less than or equal to the parameters listed in Table 1 of 19.15.17.13 NMAC (below), then BGS may proceed to backfill the excavation with division approved soil cover.

Table I
Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed

Depth below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤50 feet	Chloride	EPA 300.0	600 mg/kg
	TPH	EPA SW-846 Method 418.1	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg

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Closure Plan (Continued)

Table I (Continued) Closure Criteria for Soils Beneath Below-Grade Tanks, Drying Pads Associated with Closed-Loop Systems and Pits where Contents are Removed			
Depth below bottom of pit to groundwater less than 10,000 mg/l TDS	Constituent	Method*	Limit**
51 feet-100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH	EPA SW-846 Method 418.1	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/kg
>100 feet	**Chloride**	**EPA 300.0**	**20,000 mg/kg**
	TPH	**EPA SW-846 Method 418.1**	**2,500 mg/kg**
	GRO+DRO	**EPA SW-846 Method 8015M**	**1,000 mg/kg**
	BTEX	**EPA SW-846 Method 8021B or 8260B**	**50 mg/kg**
	Benzene	**EPA SW-846 Method 8021B or 8015M**	**10 mg/kg**

Timing Requirements and Closure Methods for Below-Grade Tanks

1. Within 60 days of cessation of operations, BGS shall remove liquids and sludge from the BGT prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility.
2. Within six (6) months of cessation of operations, BGS shall remove the BGT and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division office approves. If there is any equipment associated with the BGT, then BGS shall remove the equipment, unless the equipment is required for some other purpose.
3. BGS shall notify the surface owner by certified mail, return receipt requested, that BGS plans closure operations at least 72 hours, but not more than one week, prior to any closure operation. Notice shall include operator name, facility name, NMOCD permit number, and location to be closed by unit letter, section, township, and range.
4. BGS shall notify the appropriate division office by certified mail, return receipt requested, that BGS plans closure operations at least 72 hours, but not more than one week, prior to any closure operation. Notice shall include operator name, facility name, NMOCD permit number, and location to be closed by unit letter, section, township, and range.

Closure Plan (Continued)

Reclamation of BGT Locations

1. Site Contouring
    a. Once the area associated with the BGT is no longer in use, BGS shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BGS shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Paragraph (2) in Subsection H of 19.15.17.13 NMAC, recontour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Paragraph (5) in Subsection H of 19.15.17.13 MMAC.
    b. BGS may propose an alternative to the re-vegetation or recontouring requirement if BGS demonstrates to the appropriate district office that the proposed alternative provides equal or better prevention of erosion, and protection of fresh water, public health, and the environment. The proposed alternative shall be agreed upon by the surface owner. BGS shall submit the proposed alternative, with written documentation that the surface owner agrees to the alternative, to the division for approval.
    c. In areas reasonably needed for production operations, BGS shall compact, cover, pave, or otherwise stabilize and maintain the areas in such a way as to minimize dust and erosion to the extent practicable.
2. Soil Cover Designs for a BGT
    a. The soil cover for closures after site contouring, where BGS has removed the BGT, contents, and liner, and if necessary remediated the soil beneath the BGT, shall consist of the background thickness of topsoil or one foot of suitable material, whichever is greater.
    b. BGS shall construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material.
3. Reclamation and Re-vegetation
    a. In areas no longer in use, except for areas reasonably needed for production operations, BGS shall reclaim all areas disturbed by the closure of the BGT as early and as nearly as practicable to their original condition or their final land use and BGS shall maintain the areas to control dust and minimize erosion to the extent practicable.
    b. BGS shall replace topsoil and subsoil to their original relative position and contoured so as to achieve erosion control, long-term stability, and preservation of surface water flow patterns. The disturbed area shall be reseeded in the first favorable growing season following closure of the BGT.
    c. Reclamation of all disturbed areas no longer in use shall be considered complete when all ground surface disturbing activities at

the site have been completed, and a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds.

d. The re-vegetation and reclamation obligations imposed by other applicable federal or tribal agencies on lands managed by those agencies shall supercede these provisions and govern the obligations of BGS, if subject to those provisions, provided that the other requirements provide equal or better protection of fresh water, human health, and the environment.
e. BGS shall notify the division when reclamation and re-vegetation are complete.

Closure Report

1. Within 60 days of closure completion, BGS shall submit a closure report on Form C-144, with necessary attachments to document all closure activities including sampling results; information on back-filling, capping, and covering, where applicable. In the closure report, BGS shall certify that all information in the report and attachments is correct and that BGS has complied with all applicable closure requirements and conditions specified in the closure plan.
2. The closure report will include the following:
    a. Proof of closure notice to surface owner and NMOCD;
    b. Back-filling and cover installation;
    c. Analytical results of confirmation sampling;
    d. Disposal facility name(s) and permit number(s);
    e. Application rate and seeding techniques if the entire facility is to be reclaimed;
    f. Photo documentation of the reclamation.

Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems
Buena Suerte Compressor Station
Registration of New Below-Grade Tank

Exceptions and Variances

In accordance with 19.15.17.15 NMAC, regarding the proposed new below-grade tank (BGT) in the Buena Suerte Compressor Station (BSCS) owned and operated by Elm Ridge Exploration Co., LLC d.b.a. Beeline Gas Systems (BGS), we request the following exceptions and variances (E&V).

1. BGS desires to use a Rufco 4000B LLDPE liner as an alternative to a liner made from HDPE or PVC. The Rufco liner is 40-mils thick and we believe it to be as good or better than a 30-mil HDPE or PVC liner. A liner is not required for the double-wall, double-bottom tank BGS will install. The liner we plan to install is an additional level of protection to prevent contamination of fresh water; and to protect public health and the environment in the unlikely event of an overflow of the BGT. Please see the attached specifications for the Rufco liner.

2. BGS requests a variance to the requirement of stockpiling the topsoil from the excavation for this BGT. The tank will be located in an active compressor station with limited storage area. BGS proposes to use the soil from this excavation to backfill the excavation for another BGT we plan to close in the near future. BGS will sample and test the soil from the excavation for the new BGT and use it for backfill material only if the concentration of ***all*** constituents listed in Table 1 of 19.15.17.13 NMAC are ***less than or equal*** to the limits listed in the table. If the concentration of ***any*** of the listed constituents are ***greater than*** the limits listed in the table, the excavated soil will be disposed of in a division-approved facility.

3. BGS requests a variance to placing a sign on the fence surrounding the BGT. Because the BGT is to be located in a compressor station that is totally surrounded by a 6-foot propanel fence, BGS proposes to locate the required sign in a conspicuous place on the outside of the facility fence.

4. BGS requests a variance to testing for TPH by the EPA SW-846 Method 418.1. BGS proposes to use the EPA SW-846 Method 8015 Extended to test for GRO, DRO, and MRO.

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