



Linn Energy Turner B #95

CLOSURE REPORT

API No. 30-015-26612

Release Date: 3/18/2014

Unit Letter L, Section 20, Township 17 South, Range 31 East

June 2, 2014

Prepared by:

Environmental Department
Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
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Turner B #95

1 INTRODUCTION

Linn Energy (Linn) has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southwest of Maljamar NM, Unit letter 'L', sec. 20, T17S R31E, in Eddy County. The incident at this site location resulted from an injection line leak approximately 200 yards north of the field office. There was a release of approximately 20 bbls of produced water that affected approximately 4284 sq. ft. of pasture. Linn Energy took proactive measures by utilizing a vacuum truck to recover approximately 10 bbls of free standing fluids and constructing a temporary containment around the spill area. (Figure).

A form C-141 was submitted to the NMOCD on February 19, 2014 2RP-2205 (Appendix I)

2 SITE ACTIVITIES

On February 17, 2014 DFSI field personnel visited the site to conduct an initial site assessment, establishing sample points and mapping the spill area. (Appendix IV). There were six (6) sample points established around the impacted site area. Using a Mini RAE Photoionization Detector (PID), personnel collected soil samples at surface and at 1ft. intervals until two consecutive samples returned acceptable levels of chloride. All positions at surface indicated elevated chloride levels. The field technician, using a hand auger retrieved a soil sample for SP2 at 1ft. bgs, for confirmation of chloride the return result at this depth was 699mg/kg.

On February 24, 2014 DFSI field personnel delineated SP1 to 13 ft. bgs., whereby auger refusal was encountered. At that depth the field tests for chloride analysis was 1,624 mg/kg., indicating a steady decrease in chloride. SP6 was also delineated to 7ft. bgs., whereby auger refusal was encountered. With the use of a backhoe this sample point was simultaneously field tested revealing a reduction in chlorides at 9ft. bgs. to 1025 mg/kg.

On February 25, 2014 DFSI personnel revisited the site to conduct simultaneous field tests of representative sample points. Additional delineation of SP2 thru SP5 at depths of 5ft. bgs. to 8 ft. bgs. were conducted, whereas representative soil samples were retrieved and submitted to a commercial laboratory for analyses. The results returned were as follows: SP2 at 6ft. bgs. for chloride was 288 mg/kg., SP3 at 7ft. bgs. was 192 mg/kg, SP4 at 8ft. bgs. was 128 mg/kg, SP5 at 7ft. bgs. returned chloride results of 672 mg/kg. (Appendix IV).

On April 01, 2014 DFSI submitted a proposed remediation plan for this site to the NM OCD and the BLM respectively. It was proposed to excavate SP1 to 4ft. bgs. and line with a 20mil. liner.

SP2 thru SP4 would also be excavated to 4ft. bgs. without the use of a liner, SP5 and SP6 would also be excavated to 4ft. bgs., and lined with a 20mil. liner. The entire excavation was to be backfilled with fresh imported topsoil and seeded.

On April 03, 2014, the BLM approved the aforementioned plan of remediation.

On April 10, 2014, DFSI contracted a hydro-vac in order to fully remediate the area around SP1 to 4ft. bgs. This was conducted due to the number of lines in this vicinity.

On April 24, 2014 DFSI field personnel revisited the site in order to retrieve side wall confirmations of the excavation. Representative soil samples were retrieved at the north, south, east and west wall of the excavation in order to ascertain the vertical extent of impact, and submitted to a commercial laboratory for analyses. The results returned acceptable levels of chloride, in that chloride was <1460 mg/kg, BTEX was <.300, GRO DRO was non-detect.

On May 01, 2014 the excavation of the impacted area was complete. A 20mil. liner was installed at SP1, SP5 and SP6 respectively prohibiting downward migration of vadose zone. All impacted soils were removed to an NMOCD approved facility. The lined excavation was then backfilled with fresh topsoil contouring to the site, and preparation of surface conducive to seeding.

On May 06, 2014 DFSI personnel tilled and seeded the site with 100lbs of native vegetation and seed mixture promoting vegetation and providing an infiltration barrier. Photographs of site activities can be viewed in Appendix II.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, there were no records of groundwater in the immediate vicinity, however depth to groundwater in the area averages greater than 236 ft. bgs indicating no potential threat to groundwater or life forms (Appendix III). Based on the removal of soils containing elevated chloride and visual staining at the site, and the reseeded of the site restoring it to its natural state DFSI, on behalf of Linn, submits the final form C-141 (Appendix V), and respectfully requests the closure of the regulatory file for the site.

Excavation Plat

Linn, Turner B95 Injection
UL/L, Sec. 20 T17S R31E
Eddy County, NM
Drafted By: Lance Crenshaw, 5-1-14

0 0.003 0.006 0.012 Miles

Legend

- Soil Bores
- sample_pts
- Source

Pipeline

Type

- Above Ground Line
- Buried Line

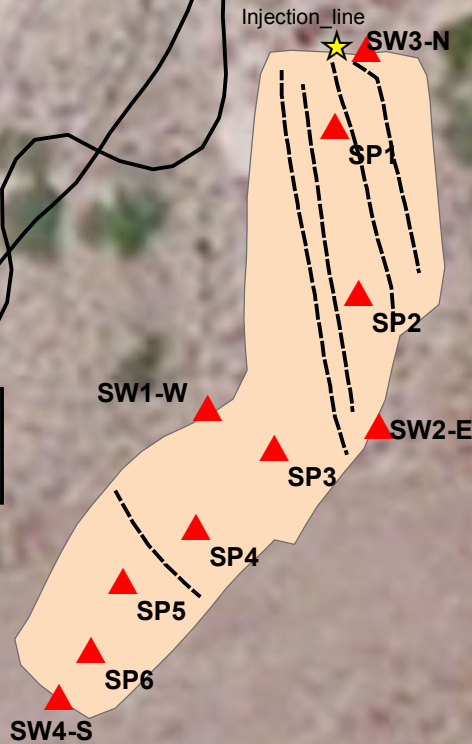
Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water

Excavated Area:
4284 sq. ft.



Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
Environmental Assessments
Regulatory Compliance



Environmental

DFS

Services

Office: 575-964-8394
Fax: 575-964-8396

Cell: 575-441-2359
Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, IGN, swisstopo, and the GIS User Community

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

| | | |
|---|-----------------------------|-----------------------|
| Name of Company: Linn Operating | Contact: Brian Wall | |
| Address: 2130 W. Bender Hobbs, NM 88240 | Telephone No.: 575-738-1739 | |
| Facility Name: Turner B #95 | Facility Type: Oil Producer | |
| Surface Owner: Federal | Mineral Owner: | API No.: 30-015-26612 |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter L | Section 20 | Township 17S | Range 31E | Feet from the 2610 | North/South Line South | Feet from the 1000 | East/West Line West | County Eddy |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Latitude: 32.8199711236509 Longitude: -103.897239412252

NATURE OF RELEASE


| | | |
|--|--|---|
| Type of Release: Produced Water | Volume of Release: 20 bbls | Volume Recovered: 10 bbls |
| Source of Release: Fiber glass pipeline | Date and Hour of Occurrence: 02/18/2014 | Date and Hour of Discovery: 02/18/2014 12:30pm |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Burton-BLM Mike Bratcher-NM OCD | |
| By Whom? Brian Wall | Date and Hour 02/19/2014 0655 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*:

Describe Cause of Problem and Remedial Action Taken.*: Running daily lease received alarm call low discharge pressure at russell turner injection plant. Drove to plant noticed header #2 had 0 psi. Closed main valve on #2 header. Restarted pump went down on high discharge psi. Then called vac trucks to haul water to public SWD.

Describe Area Affected and Cleanup Action Taken.*: Also notified other lease operators about injection line leak. began looking for leak on my lease and found it about 200 yards north of field office at N 32.82103 W103.89724. Affected area is 10'X120' South of lat/long. Build temporary containment around spill area. Remove free fluids.

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

| | | | |
|--|---|------------------|-----------------------------------|
| Signature:  | <u>OIL CONSERVATION DIVISION</u> | | |
| Printed Name: Brian Wall | Approved by District Supervisor: | | |
| Title: Construction Foreman II | Approval Date: | Expiration Date: | |
| E-mail Address: bwall@linenergy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 02/19/2014 | Phone: 806-367-0645 | | |

* Attach Additional Sheets If Necessary

Linn Energy Turner B #95

Unit Letter L, Section 20, T17S R31E



Location and spill area 2/18/14



Impacted soil site 2/18/14



Stockpile of impacted soil for removal 2/18/14



Hydro-vac of leak source 4/10/14

Linn Energy Turner B #95

Unit Letter L, Section 20, T17S R31E



Excavation of site 4/25/14



Installation of liner 5/1/14



Backfilling of lined area 5/2/14



Site at completion of tilling and seeding 5/6/14

GROUND WATER SEARCH

Linn Energy Turner B #95

UL: L

Sec: 20

T: 17S

R: 31E

Groundwater Depth: 236 ft.

● = NM Office of the State Engineer

● = U.S. Geological Survey (unknown well)

✖ = Site Location

Date: 03/03/2014

By: Rebecca Pons

| | | | | |
|--|-----------------------|--|---|--|
| | | | | |
| | 16S 30E | 288' 314' 16S 31E 295' | 65' 260' 248' 275' 254' 215' 16S 32E 210' 210' 221' 200' | |
| | 17S 30E | 17S 31E ✖ | 132' 17S 32E | |
| | 44' 18S 30E | 98' 18S 31E | 65' 430' 18S 32E 460' | |
| | | | | |



New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Township: 16S

Range: 30E

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.

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WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(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 Number | POD Sub- Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|------------------------------|---------------------|-------|--------|---------|---------|--------|-----|-----|-----|--------|----------|---------------|----------------|-----------------|
| L 03435 | L | LE | | 1 | 1 | 05 | 16S | 31E | | 602954 | 3646955* | | | |
| L 03852 | R | L | LE | 2 | 2 | 2 | 14 | 16S | 31E | 609126 | 3643913* | 370 | 314 | 56 |
| L 03852 POD4 | L | LE | | 3 | 4 | 3 | 13 | 16S | 31E | 609744 | 3642516* | 333 | 299 | 34 |
| L 03852 POD5 | L | LE | | 3 | 2 | 13 | 16S | 31E | | 610238 | 3643427* | 328 | 295 | 33 |
| L 03852 X | R | L | LE | 4 | 4 | 4 | 13 | 16S | 31E | 610749 | 3642526* | 333 | 299 | 34 |
| L 03852 X2 | L | LE | | 3 | 2 | 2 | 13 | 16S | 31E | 610535 | 3643733* | 330 | 287 | 43 |
| L 04671 | L | LE | | 1 | 1 | 2 | 12 | 16S | 31E | 610114 | 3645538* | 340 | 288 | 52 |
| L 10203 | L | LE | | 4 | 4 | 3 | 14 | 16S | 31E | 608334 | 3642495* | 310 | | |
| L 10206 | L | LE | | 2 | 2 | 23 | 16S | 31E | | 609045 | 3642204* | 280 | | |

Average Depth to Water: **297 feet**

Minimum Depth: **287 feet**

Maximum Depth: **314 feet**

Record Count: 9

PLSS Search:

Township: 16S

Range: 31E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| (acre ft per annum) | | | | | | | | | | (R=POD has been replaced and no longer serves this file, C=the file is closed) | | | | | | | | | | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters) | | | | | | | | | |
| Sub | | | | | | | | | | q q q | | | | | | | | | | X Y | | | | | | | | | |
| basin | | | | | | | | | | Source | | | | | | | | | | 6416 4 Sec TwS Rng | | | | | | | | | |
| L PRO | | | | | | | | | | Shallow | | | | | | | | | | 1 1 05 16S 31E | | | | | | | | | |
| 0 LOWE DRILLING COMPANY | | | | | | | | | | LE | | | | | | | | | | L 03435 | | | | | | | | | |
| WR File Nbr | | | | | | | | | | County POD Number | | | | | | | | | | Code Grant | | | | | | | | | |
| L 03435 | | | | | | | | | | LE L 03435 | | | | | | | | | | 602954 3646955* | | | | | | | | | |

Record Count: 1

POD Search:

POD Number: L 03435

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(acre ft per annum)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|--------------|-----|-----------|------------------|--------|------------------------------|------|-------|---------|---|---|----|-----|-----|-----|--------|----------|
| L 03852 | L | MUN | 375 | CITY OF CARLSBAD | LE | L 03852 | R | | Shallow | 2 | 2 | 2 | 14 | 16S | 31E | 609126 | 3643913* |
| | | | | | LE | L 03852 POD4 | | | Shallow | 3 | 4 | 3 | 13 | 16S | 31E | 609744 | 3642516* |
| | | | | | LE | L 03852 POD5 | R | | Shallow | 3 | 2 | 13 | 16S | 16S | 31E | 610238 | 3643427* |
| | | | | | LE | L 03852 POD6 | | | | 3 | 2 | 13 | 16S | 16S | 31E | 610390 | 3643476 |
| | | | | | LE | L 03852 X | R | | Shallow | 4 | 4 | 4 | 13 | 16S | 31E | 610749 | 3642526* |
| | | | | | LE | L 03852 X2 | | | Shallow | 3 | 2 | 2 | 13 | 16S | 31E | 610535 | 3643733* |

Record Count: 6

POD Search:

POD Number: L 03852

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

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ACTIVE & INACTIVE POINTS OF DIVERSION



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Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced

and no longer serves this file,

C=the file is closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | q | q | q | Source | 6416 | 4 | Sec | Tws | Rng | X | Y |
|-------------------------|-----|-------|-----|---------------|-------|-------------------------|------------|------|-------|---------|---|---|--------|------|-----|-----|--------|----------|---|---|
| L 04671 | L | PRO | 0 | JOHN H. TRIGG | LE | L 04671 | | | | Shallow | 1 | 1 | 2 | 12 | 16S | 31E | 610114 | 3645538* | | |

Record Count: 1

POD Search:

POD Number: L 04671

Sorted by: File Number

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ACTIVE & INACTIVE POINTS OF DIVERSION



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Water Column/Average Depth to Water

(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 Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| L 02381 | L | LE | | 3 | 1 | 13 | 16S | 32E | | 619086 | 3643515* | 308 | 215 | 93 |
| L 02434 | L | LE | | | | 01 | 16S | 32E | | 619661 | 3646531* | 337 | | |
| L 02449 | L | LE | | | | 01 | 16S | 32E | | 619661 | 3646531* | 330 | 265 | 65 |
| L 02617 | L | LE | | 4 | 4 | 02 | 16S | 32E | | 618656 | 3645924* | 322 | 270 | 52 |
| L 02752 | L | LE | | 1 | 3 | 26 | 16S | 32E | | 617521 | 3639880* | 324 | 280 | 44 |
| L 02846 | L | LE | | 4 | 2 | 11 | 16S | 32E | | 617956 | 3645413* | 328 | 275 | 53 |
| L 02954 | L | LE | | 2 | 4 | 03 | 16S | 32E | | 617043 | 3646310* | 120 | 65 | 55 |
| L 02993 | L | LE | | 3 | 3 | 215 | 16S | 32E | | 616572 | 3643391* | 100 | | |
| L 03631 | L | LE | | 1 | 2 | 02 | 16S | 32E | | 618240 | 3647126* | 315 | 250 | 65 |
| L 04930 | L | LE | | | | 123 | 16S | 32E | | 617698 | 3642092* | 307 | 210 | 97 |
| L 05494 | L | LE | | | | 36 | 16S | 32E | | 619758 | 3638489* | 303 | 200 | 103 |
| L 06557 | L | LE | | 1 | 4 | 21 | 16S | 32E | | 615089 | 3641466* | 295 | 210 | 85 |
| L 06807 | L | LE | | 1 | 4 | 09 | 16S | 32E | | 615356 | 3644383* | 290 | 248 | 42 |
| L 07823 | L | LE | | 2 | 2 | 216 | 16S | 32E | | 615561 | 3643981* | 269 | 247 | 22 |
| L 08084 | L | LE | | 1 | 1 | 116 | 16S | 32E | | 614157 | 3643970* | 317 | 260 | 57 |
| L 08084 POD4 | L | LE | | | | 226 | 16S | 32E | | 618522 | 3640492* | 303 | 233 | 70 |
| L 08084 POD5 | L | LE | | 4 | 1 | 426 | 16S | 32E | | 618425 | 3639788* | 296 | 165 | 131 |
| L 08084 S3 | L | LE | | | | 226 | 16S | 32E | | 618522 | 3640492* | 305 | 205 | 100 |
| L 08241 | L | LE | | 4 | 4 | 02 | 16S | 32E | | 618656 | 3645924* | 316 | | |
| L 10204 | L | LE | | 4 | 2 | 204 | 16S | 32E | | 615524 | 3646993* | 319 | | |
| L 10205 | L | LE | | 4 | 1 | 08 | 16S | 32E | | 613038 | 3645066* | 330 | | |
| L 11189 | L | LE | | 1 | 1 | 404 | 16S | 32E | | 614932 | 3646391* | 350 | | |

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | 6416 | 4 | Sec | Tws | Ring | X | Y |
|-------------------------|--------------|-----|-----------|-----------------------|--------|-------------------------|------|-------|---------|------|---|-----|-----|------|--------|----------|
| L 02381 | L | PRO | 0 | GULF REFINING COMPANY | LE | L 02381 | | | Shallow | 3 | 1 | 13 | 16S | 32E | 619086 | 3643515* |

Record Count: 1

POD Search:

POD Number: L 02381

Sorted by: File Number

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Active & Inactive Points of Diversion

(with Ownership Information)

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C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q q q | Sec | Tws | Rng | X | Y |
|-------------------------|-----|-------|-----|----------------------|-------|--------|-------------------------|------|-------|---------|-------|-----|-----|-----|--------|----------|
| L 02449 | L | PRO | 0 | PLYMOUTH OIL COMPANY | | LE | L 02449 | | | Shallow | 64 | 16 | 01 | 32E | 619661 | 3646531* |

Record Count: 1

POD Search:

POD Number: L 02449

Sorted by: File Number

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced
and no longer serves this file,
C=the file is closed)

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

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q q q | Sec | Tw | Ring | X | Y |
|-------------------------|--------------|-----|-----------|----------------------|--------|-------------------------|------|-------|---------|-------|-----|----|---------|--------|----------|
| L 02617 | L | PRO | 0 | GULF OIL CORPORATION | LE | L 02617 | | | Shallow | 4 | 4 | 02 | 16S 32E | 618656 | 3645924* |

Record Count: 1

POD Search:

POD Number: L 02617

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|-----|-------|-----|-----------|--------------|--------|-------------------------|------|-------|---------|---|---|----|-----|-----|-----|--------|----------|---|
| L 02752 | L | DOL | | 3 | W W WILLIAMS | LE | L 02752 | | | Shallow | 1 | 3 | 26 | 16S | 32E | | 617521 | 3639880* | |

Record Count: 1

POD Search:

POD Number: L 02752

Sorted by: File Number

*UTM location was derived from PLSS - see Help

The data is furnished by the NM/OSE/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.

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced
and no longer serves this file,
C=the file is closed)

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

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|--------------|-----|-----------|-------------------------|--------|-------------------------|------|-------|---------|---|---|---|-----|-----|-----|--------|----------|
| L 02846 | L | PRO | 0 | CONTINENTAL OIL COMPANY | LE | L 02846 | | | Shallow | 4 | 2 | 1 | 11 | 16S | 32E | 617956 | 3645413* |

Record Count: 1

POD Search:

POD Number: L 02846

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|-----------|-----|-----------|--------------------------------|--------|-------------------------|------|-------|---------|---|---|----|-----|-----|-----|--------|---|----------|
| L 02954 | L | PRO | 0 | SCHOENFELD-HUNTER-KITCH DRG CO | LE | L 02954 | | | Shallow | 2 | 4 | 03 | 16S | 32E | | 617043 | | 3646310* |

Record Count: 1

POD Search:

POD Number: L 02954

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| WR File Nbr | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | 64 | 16 | 4 | Sec | Tws | Ring | X | Y |
|-------------|-----|-------|-----|----------------------------|-------|--------|------------|------|-------|---------|----|----|----|-----|-----|--------|----------|---|
| L 03631 | L | PRO | 0 | MAGNOLIA PETROLEUM COMPANY | | LE | L 03631 | | | Shallow | 1 | 2 | 02 | 16S | 32E | 618240 | 3647126* | |

Record Count: 1

POD Search:

POD Number: L 03631

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q q q | Sec | Tws | Rng | X | Y |
|-------------------------|-----------|-----|-----------|------------------|--------|-------------------------|------|-------|---------|-------|-----|-----|-----|--------|----------|
| L 04930 | L | STK | | 3 JULIA WILLIAMS | LE | L 04930 | | | Shallow | 1 | 23 | 16S | 32E | 617698 | 3642092* |

Record Count: 1

POD Search:

POD Number: L 04930

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|-----|-------|-----|-----------|------------------|--------|-------------------------|------|-------|---------|----|----|---|-----|-----|-----|--------|----------|
| L 05494 | L | COM | | 165 | CITY OF CARLSBAD | LE | L 05494 | | | Shallow | 64 | 16 | 4 | 36 | 16S | 32E | 619758 | 3638489* |

Record Count: 1

POD Search:

POD Number: L 05494

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

| Sub | | | | | | | | | | | | | | |
|-------------|-------|-----|-----------|-----------------------|--------|------------|------------|---------|--------|-----|-----|---------|--------|--|
| WR File Nbr | basin | Use | Diversion | Owner | County | POD Number | Code Grant | q q q | | | | | | |
| L 06557 | L | STK | 3 | TAYLOR CATTLE COMPANY | LE | L 06557 | | Source | 6416 4 | Sec | Tws | Rng | X | Y |
| | | | | | | | | Shallow | 1 | 4 | 21 | 16S 32E | 615089 | 3641466*  |

Record Count: 1

POD Search:

POD Number: L 06557

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| WR File Nbr | | Sub | | basin Use | | Diversion | Owner | County | POD Number | Code | Grant | Source | | q | q | q | Sec | Tws | Rng | X | Y |
|-------------|--|-----|--|-----------|--|-----------|------------------------|--------|------------|------|-------|------------------|--|-----|-----|---|--------|----------|-----|---|---|
| L 06807 | | | | L PRO | | 0 | SHARP DRILLING COMPANY | LE | L 06807 | | | Shallow 1 4 4 09 | | 16S | 32E | | 615356 | 3644383* | | | |
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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|-----------|-----|-----------|----------------------|--------|-------------------------|------|-------|---------|---|---|---|-----|-----|-----|--------|----------|
| L 07823 | L | PRO | 0 | E R WEST ENGINEERING | LE | L 07823 | | | Shallow | 2 | 2 | 2 | 16 | 16S | 32E | 615561 | 3643981* |

Record Count: 1

POD Search:

POD Number: L 07823

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| WR File Nbr | (acre ft per annum) | | | | (R=POD has been replaced and no longer serves this file, C=the file is closed) | | | | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters) | | | | | | | | | |
|-------------------------|---------------------|-------|-----|----------------------|--|--------|------------------------------|------|---|---------|---|----|-----|-----|--------|----------|----------|----------|
| | Sub | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | q | q | q | q | | | | | |
| L 08084 | L | COM | 750 | MOR-WEST CORPORATION | | LE | L 08084 | | | Shallow | 1 | 1 | 16 | 16S | 32E | 614157 | 3643970* | |
| | | | | | | LE | L 08084 POD4 | | | Shallow | 2 | 26 | 16S | 32E | 618522 | 3640492* | | |
| | | | | | | LE | L 08084 POD5 | | | Shallow | 4 | 1 | 4 | 26 | 16S | 32E | 618425 | 3639788* |
| | | | | | | LE | L 08084 S | | R | Shallow | 2 | 1 | 1 | 36 | 16S | 32E | 619239 | 3639192* |
| | | | | | | LE | L 08084 S2 | | R | Shallow | 3 | 1 | 1 | 36 | 16S | 32E | 619039 | 3638992* |
| | | | | | | LE | L 08084 S3 | | | Shallow | 2 | 26 | 16S | 32E | 618522 | 3640492* | | |

Record Count: 6

POD Search:

POD Number: L 08084

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| Sub | | (acre ft per annum) | | (R=POD has been replaced and no longer serves this file, C=the file is closed) | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | (quarters are smallest to largest) (NAD83 UTM in meters) | |
|-------------------------|-------|---------------------|-----------|--|--------|------------------------------------|-------|--|----------|
| WR File Nbr | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source |
| L 08084 | L | COM | 750 | MOR-WEST CORPORATION | LE | L 08084 S3 | | | Shallow |
| | | | | | | | q q q | Sec | 6416 4 |
| | | | | | | | | Tws | 2 26 |
| | | | | | | | | Rng | 16S 32E |
| | | | | | | | | | 618522 |
| | | | | | | | | | X |
| | | | | | | | | | Y |
| | | | | | | | | | 3640492* |

Record Count: 1

POD Search:

POD Number: L 08084 S3

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Average Depth to Water: **224 feet**
Minimum Depth: **65 feet**
Maximum Depth: **280 feet**

Record Count: 22

PLSS Search:

Township: 16S Range: 32E



New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Township: 17S

Range: 30E

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Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(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 Number | POD | | Q Q Q | | | | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|-------------------------------|--------------|-------|-------|----|---|----|-----|-----|-----|--------|---------|---------------|----------------|-----------------|
| | Sub- Code | basin | 64 | 16 | 4 | 4 | | | | | | | | |
| RA 11590 POD1 | | ED | 2 | 1 | 3 | 32 | 17S | 31E | | 603315 | 3628545 | 158 | | |
| RA 11590 POD3 | | ED | 3 | 1 | 2 | 32 | 17S | 31E | | 603932 | 3629260 | 60 | | |
| RA 11590 POD4 | | ED | 4 | 1 | 1 | 32 | 17S | 31E | | 603308 | 3629253 | 55 | | |

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 3

PLSS Search:

Township: 17S

Range: 31E

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New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the
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& 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 Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water Column | Water |
|-------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|--------------------|-------|
| L 04019 | L | LE | | 4 | 3 | 4 | 02 | 17S | 32E | 618468 | 3636166* | 182 | | |
| L 04020 | L | LE | | 3 | 3 | 4 | 02 | 17S | 32E | 618268 | 3636166* | 200 | | |
| L 04021 | R | L | LE | 3 | 4 | 4 | 02 | 17S | 32E | 618670 | 3636170* | 190 | | |
| L 04021 POD3 | L | LE | | | 3 | 4 | 03 | 17S | 32E | 616761 | 3636252* | 247 | | |
| L 04021 S | L | LE | | 2 | 4 | 4 | 03 | 17S | 32E | 617262 | 3636354* | 260 | | |
| L 13047 POD1 | L | LE | | | | | 11 | 17S | 32E | 618187 | 3635254* | 140 | | |
| L 13050 POD1 | L | LE | | 2 | 2 | 1 | 10 | 17S | 32E | 616463 | 3635945* | 156 | 132 | 24 |
| RA 08855 | | LE | | 4 | 1 | 1 | 10 | 17S | 32E | 616061 | 3635742* | 158 | | |
| RA 09505 | | LE | | 2 | 2 | 1 | 10 | 17S | 32E | 616462 | 3635944 | 147 | | |
| RA 09505 S | | LE | | 2 | 2 | 1 | 10 | 17S | 32E | 616463 | 3635945* | 144 | | |
| RA 10175 | | LE | | | 2 | 1 | 28 | 17S | 32E | 614814 | 3631005* | 158 | | |
| RA 11684 POD1 | | LE | | 1 | 1 | 4 | 11 | 17S | 32E | 618216 | 3635124 | 275 | | |
| RA 11684 POD2 | | LE | | 1 | 1 | 4 | 11 | 17S | 32E | 618313 | 3635248 | 275 | | |
| RA 11684 POD3 | | LE | | 3 | 3 | 1 | 11 | 17S | 32E | 618262 | 3635371 | 275 | | |
| RA 11684 POD4 | | LE | | 1 | 3 | 2 | 11 | 17S | 32E | 618334 | 3635521 | 275 | | |
| RA 11684 POD5 | | LE | | 3 | 1 | 4 | 11 | 17S | 32E | 618353 | 3635047 | 275 | | |
| RA 11734 POD1 | | LE | | 2 | 2 | 1 | 10 | 17S | 32E | 616556 | 3635929 | 165 | | |

Average Depth to Water: 132 feet

Minimum Depth: 132 feet

Maximum Depth: 132 feet

Record Count: 17

PLSS Search:

Township: 17S

Range: 32E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

POD Search:

POD Number: L 13050 1

No PODs found.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(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 Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|--------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| CP 00818 | | | LE | 1 | 4 | 26 | 18S | 30E | | 599289 | 3620364* | 240 | | |
| CP 00819 | | | LE | 2 | 4 | 32 | 18S | 30E | | 594878 | 3618720* | 150 | | |
| L 01978 | L | LE | | 1 | 3 | 23 | 18S | 30E | | 598469 | 3621964* | 65 | 44 | 21 |

Average Depth to Water: 44 feet

Minimum Depth: 44 feet

Maximum Depth: 44 feet

Record Count: 3

PLSS Search:

Township: 18S

Range: 30E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q q q | Sec | Tws | Rng | X | Y |
|-------------------------|-----------|-----|-----------|-------------|--------|-------------------------|------|-------|---------|-------|-----|-----|-----|-----|-----------------|
| L 01978 | L | DOM | 3 | L A JOHNSON | LE | L 01978 | | | Shallow | 1 | 3 | 23 | 18S | 30E | 598469 3621964* |

Record Count: 1

POD Search:

POD Number: L 01978

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|-------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|------------|-------------|--------------|
| L 11092 | L | LE | | 2 | 3 | 15 | 18S | 31E | | 606849 | 3623669* | 160 | 98 | 62 |

Average Depth to Water: 98 feet

Minimum Depth: 98 feet

Maximum Depth: 98 feet

Record Count: 1

PLSS Search:

Township: 18S

Range: 31E

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced
and no longer serves this file,
C=the file is closed)

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

| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
|-------------------------|--------------|-----|-----------|------------------|--------|-------------------------|------|-------|---------|---|---|----|-----|-----|-----|--------|----------|
| L 11092 | L | DOM | 3 | NEW HOPE BAPTIST | LE | L 11092 | | | Shallow | 2 | 3 | 15 | 18S | 31E | | 606849 | 3623669* |

Record Count: 1

POD Search:

POD Number: L 11092

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the
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& 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 Number | POD Sub- Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Depth Well | Depth Water | Water Column |
|------------------------------------|---------------------|-------|--------|---------|---------|--------|-----|-----|--------|----------|----------|---------------|----------------|-----------------|
| CP 00566 | | LE | | 4 | 4 | 1 | 04 | 18S | 32E | 614960 | 3627280* | 133 | 65 | 68 |
| CP 00672 | | LE | | 4 | 4 | 07 | 18S | 32E | 612475 | 3624947* | 524 | 430 | 94 | |
| CP 00672 CLW475398 | O | LE | | 4 | 4 | 07 | 18S | 32E | 612475 | 3624947* | 540 | 460 | 80 | |
| CP 00677 | | LE | | 1 | 1 | 26 | 18S | 32E | 617750 | 3621373* | 700 | | | |

Average Depth to Water: **318 feet**

Minimum Depth: **65 feet**

Maximum Depth: **460 feet**

Record Count: 4

PLSS Search:

Township: 18S

Range: 32E

*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

Active & Inactive Points of Diversion

(with Ownership Information)

| (acre ft per annum) | | | | | | C=the file is closed) | | | | | | (quarters are smallest to largest) (NAD83 UTM in meters) | | | | | | |
|---------------------|-------|-----|-----------|-----------------|--------|-----------------------|------|-------|---------|---|---|--|----|-----|-----|------|--------|----------|
| Sub | | | | | | | | | | | | | | | | | | |
| WR File Nbr | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | q | Sec | Tws | Ring | X | Y |
| CP 00566 | | DOM | | 3 B.E. FRIZZELL | LE | CP 00566 | | | Shallow | 4 | 4 | 1 | 04 | 18S | 32E | | 614960 | 3627280* |

Record Count: 1

POD Search:

POD Number: CP 00566

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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12/18/13 2:45 PM



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

| Sub | | | (acre ft per annum) | | | | | | (R=POD has been replaced and no longer serves this file, C=the file is closed) | | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | (quarters are smallest to largest) (NAD83 UTM in meters) | | |
|--------------------------|-------|-----|---------------------|---------------------|--------|--------------------------|------|-------|--|---|---|------------------------------------|-----|-----|--|--------|----------|
| WR File Nbr | basin | Use | Diversion | Owner | County | POD Number | Code | Grant | Source | q | q | q | Sec | Tws | Rng | X | Y |
| CP 00672 | STK | | 3 | VIRGIL LINAM ESTATE | LE | CP 00672 | | | Shallow | 4 | 4 | 07 | 18S | 32E | | 612475 | 3624947* |

Record Count: 1

POD Search:

POD Number: CP 00672

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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12/18/13 2:46 PM



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

POD Search:

POD Number: CP 00672 CLW475398

No PODs found.

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.

12/18/13 2:46 PM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

(R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

| WR File Nbr | Sub | | | County | POD Number | Code | Grant | Source | | | 6416 4 | Sec | Tws | Rng | X | Y |
|-------------|-------|-----|-------------|--------|------------|------|-------|--------|---|----|--------|-----|--------|----------|---|---|
| | basin | Use | Owner | | | | | 1 | 1 | 26 | | | | | | |
| CP 00677 | PRO | 0 | T X O PROD. | LE | CP 00677 | | | 1 | 1 | 26 | 18S | 32E | 617750 | 3621373* | | |

Record Count: 1

POD Search:

POD Number: CP 00677

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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12/18/13 2:47 PM

March 03, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: TURNER B #95 INJECTION LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/25/14 13:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 02/25/2014 | Sampling Date: | 02/25/2014 |
| Reported: | 03/03/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 7 (H400569-01)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 3.92 | | |

Sample ID: SP 4 @ 8 (H400569-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | | |

Sample ID: SP 3 @ 6 (H400569-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 608 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | | |

Sample ID: SP 2 @ 5 (H400569-04)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 02/25/2014 | Sampling Date: | 02/25/2014 |
| Reported: | 03/03/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 6 (H400569-05)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | | |

Sample ID: SP 5 @ 7 (H400569-06)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 672 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | | |

Sample ID: SP 5 @ 6 (H400569-07)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1020 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

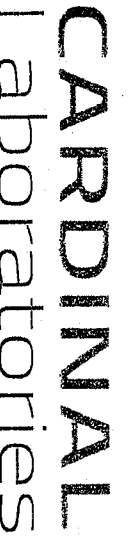
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Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

(575) 393-2326 FAX (575) 393-2476

[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 08, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: TURNER B #95 INJECTION LINE

Enclosed are the results of analyses for samples received by the laboratory on 04/30/14 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 04/30/2014 | Sampling Date: | 04/24/2014 |
| Reported: | 05/08/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 1 - E WALL (H401307-01)

| BTEX 8260B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.35 | 117 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.42 | 121 | 2.00 | 0.610 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.35 | 118 | 2.00 | 1.11 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2014 | ND | 7.21 | 120 | 6.00 | 0.185 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2014 | ND | | | | | |

Surrogate: Dibromofluoromethane 92.0 % 61.3-142

Surrogate: Toluene-d8 105 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/05/2014 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 05/07/2014 | ND | 160 | 80.1 | 200 | 7.99 | |
| DRO >C10-C28 | <10.0 | 10.0 | 05/07/2014 | ND | 176 | 88.2 | 200 | 9.93 | |

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 04/30/2014 | Sampling Date: | 04/24/2014 |
| Reported: | 05/08/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 2 - W WALL (H401307-02)

| BTEX 8260B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.35 | 117 | 2.00 | 1.96 | |
| Toluene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.42 | 121 | 2.00 | 0.610 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2014 | ND | 2.35 | 118 | 2.00 | 1.11 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2014 | ND | 7.21 | 120 | 6.00 | 0.185 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2014 | ND | | | | | |

Surrogate: Dibromofluoromethane 99.4 % 61.3-142

Surrogate: Toluene-d8 106 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 05/05/2014 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 05/07/2014 | ND | 160 | 80.1 | 200 | 7.99 | |
| DRO >C10-C28 | <10.0 | 10.0 | 05/07/2014 | ND | 176 | 88.2 | 200 | 9.93 | |

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 04/30/2014 | Sampling Date: | 04/28/2014 |
| Reported: | 05/08/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 3 - N WALL (H401307-03)

| BTEx 8260B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.31 | 115 | 2.00 | 7.09 | |
| Toluene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.34 | 117 | 2.00 | 7.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.25 | 112 | 2.00 | 7.31 | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2014 | ND | 6.84 | 114 | 6.00 | 7.16 | |
| Total BTEx | <0.300 | 0.300 | 05/08/2014 | ND | | | | | |

Surrogate: Dibromofluoromethane 98.2 % 61.3-142
Surrogate: Toluene-d8 104 % 71.3-129
Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1460 | 16.0 | 05/05/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 05/07/2014 | ND | 160 | 80.1 | 200 | 7.99 | |
| DRO >C10-C28 | <10.0 | 10.0 | 05/07/2014 | ND | 176 | 88.2 | 200 | 9.93 | |

Surrogate: 1-Chlorooctane 111 % 65.2-140
Surrogate: 1-Chlorooctadecane 108 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

LINN OPERATING-HOBBS
 BRIAN WALL
 2130 W. BENDER
 HOBBS NM, 88240
 Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 04/30/2014 | Sampling Date: | 04/30/2014 |
| Reported: | 05/08/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SW 4 - S WALL (H401307-04)

| BTEx 8260B | | mg/kg | | Analyzed By: ms | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.31 | 115 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.34 | 117 | 2.00 | 7.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/08/2014 | ND | 2.25 | 112 | 2.00 | 7.31 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/08/2014 | ND | 6.84 | 114 | 6.00 | 7.16 | | |
| Total BTEx | <0.300 | 0.300 | 05/08/2014 | ND | | | | | | |

Surrogate: Dibromofluoromethane 96.6 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 352 | 16.0 | 05/05/2014 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|--------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 05/07/2014 | ND | 160 | 80.1 | 200 | 7.99 | |
| DRO >C10-C28 | <10.0 | 10.0 | 05/07/2014 | ND | 176 | 88.2 | 200 | 9.93 | |

Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2826

DIVERSIFIED FIELD SERVICES, INC.

RECLAMATION FORM

SITE: TB 95

Start Date:

5-6-14

Completion Date:

5-6-14

- Step 1 Remove caliche and/or all discolored material (soil, caliche, et al) for disposal.
- Step 2 Look for any discolored material under pad. Sample and perform field tests.
If above limits, remove 1' and resample and test. If sample is still above limits, contact Environmental Director before proceeding further.
- Step 3 Grid clean area and establish between 2 and 5 sample points.
- Step 4 Take appropriate samples and run field tests on samples.
- Note: If any samples come back higher than allowed limit or are close to limit, contact Environmental Director before proceeding.
- Step 5 When field sample tests are shown to be acceptable, backfill and contour soil to depth as required.
- Step 6 Re-seed reclaimed area with seed required by landowner (BLM) and give seed tag to Environmental Office upon completion.

Note: Record the amount of seed used on tag.

Seed Type:

LPC

Lbs. Used:

100 #

- Step 7 Ensure samples are taken to the appropriate Scientific Lab for analyses and this form is returned to the Environmental Office upon job completion.

NOTES:

Site Completed

Supervisor:

Stephen McNamee

Bamert Seed Company Inc.
 1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892
 LPC Sand Shinery with Ragweed and Saltbush 800

Permit # TX00905
 INV53471

| Description | Pure Seed | Germ | Dormant | Origin |
|--|-----------|--------|---------|--------|
| Bluestem, Big "Kaw" (<i>Andropogon gerardii</i>) | 16.49% | 95.00% | 0.00% | TX |
| Bluestem, Little "Cimarron" (<i>Schizachyrium scoparium</i>) | 7.92% | 90.00% | 8.00% | TX |
| Bluestem, Sand "Woodward" (<i>Andropogon hallii</i>) | 13.68% | 95.00% | 0.00% | TX |
| Bristlegrass, Plains, "VNS" (<i>Setaria vulpiseta</i>) | 14.93% | 83.00% | 4.00% | TX |
| Coreopsis Plains (<i>Coreopsis tinctoria</i>) | 5.46% | 97.00% | 0.00% | TX |
| Dropseed, Sand, "VNS" (<i>Sporobolus cryptandrus</i>) | 2.74% | 95.00% | 3.00% | TX |
| Fourwing saltbush, "VNS" (<i>Atriplex canescens</i>) | 15.48% | 52.00% | 15.00% | NM |
| Ragweed, "Western" (<i>Ambrosia L.</i>) | 6.71% | 9.00% | 68.00% | KY |
| Purity: 83.41% | | | | |
| Inert Matter: 10.19% | | | | |
| Other Crop Seed: 6.37% | | | | |
| Weed Seed: 0.03% | | | | |

Noxious Weeds: None

Test Date: 01/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.
 1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892
 LPC Sand Shinery with Ragweed and Saltbush 800

Permit # TX00905
 INV53471

| Description | Pure Seed | Germ | Dormant | Origin |
|--|-----------|--------|---------|--------|
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| Ragweed, "Western" (<i>Ambrosia L.</i>) | 6.71% | 9.00% | 68.00% | KY |
| Purity: 83.41% | | | | |
| Inert Matter: 10.19% | | | | |
| Other Crop Seed: 6.37% | | | | |
| Weed Seed: 0.03% | | | | |

Noxious Weeds: None

Test Date: 01/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery with Ragweed and Saltbush 800

INV53471

Bulk #

| Description | Pure Seed | Germ | Dormant | Origin |
|--|-----------|--------|---------|--------|
| Bluestem, Big "Kaw" (<i>Andropogon gerardii</i>) | 16.49% | 95.00% | 0.00% | TX |
| Bluestem, Little "Cimarron" (<i>Schizachyrium scoparium</i>) | 7.92% | 90.00% | 8.00% | TX |
| Bluestem, Sand "Woodward" (<i>Andropogon hallii</i>) | 13.68% | 95.00% | 0.00% | TX |
| Bristlegrass, Plains, "VNS" (<i>Setaria vulpiseta</i>) | 14.93% | 83.00% | 4.00% | TX |
| Coreopsis Plains (<i>Coreopsis tinctoria</i>) | 5.46% | 97.00% | 0.00% | TX |
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| Ragweed, "Western" (<i>Ambrosia L.</i>) | 6.71% | 9.00% | 68.00% | KY |

Purity: 83.41%

Inert Matter: 10.19%

Other Crop Seed: 6.37%

Weed Seed: 0.03%

Noxious Weeds: None

Test Date: 01/2014

Net Wt: 25.00 lbs

Environmental Department

3412 N. Dal Paso

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)964-8396

Mike Bratcher

Environmental Specialist

NM Oil Conservation District – Division 2

811 S. First St.

Artesia, NM 88210

RE: Turner B #95 – Work Plan Remediation

UL/L, Section 20, T17S, R31E

API No. 30-015-26612

Mr. Bratcher,

Linn Energy (Linn) has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southwest of Maljamar NM, in Eddy County. This leak site resulted from a Fiberglass injection line leak that release approximately 20 bbls of produced water. The main valve was closed and a vacuum truck was utilized to recover 10bbls of fluid. This leak affected an approximate 1607 sq. ft. of pasture area. A temporary containment was built to retain fluids, minimizing impacted area. A form C-141 was submitted to the NMOCD on February 19, 2014.

Site Delineation

On February 24, 2014 DFSI personnel used a hand auger to vertically delineate the leak area at several sample points. Soil samples were field screened for chloride and sent to a commercial lab for confirmation. Headspace measurements were also performed using a Mini RAE Photoionization Detector (PID). Samples were collected at surface and in 1 ft. intervals until two consecutive samples show chloride well below 1,000 mg/kg. Personnel delineated SP1 to 13ft. bgs., and the Chloride remained elevated at 1624 mg/kg. Personnel encountered auger refusal at 14ft bgs. SP2 thru SP4 were augured to 6ft bgs and 8ft. bs respectively and the labs confirmed a reduction in chlorides at 128 mg/kg to 608 mg/kg. Therefore, a backhoe was used to sample simultaneously and further delineate the site. On March 05, 2014 DFSI personnel revisited the site and continued delineation of the site on SP5 and SP6 respectively. Personnel received auger refusal at 8ft bgs on each of these sample points respectively. However, at depths to 9ft bgs Chlorides were significantly reduced to 1020 mg/kg and 1025 mg/kg respectively.

Diversified Field Service, Inc.

Tuesday April 1, 2014

Environmental Department

3412 N. Dal Paso

Hobbs, NM 88240

Phone: (575)964-8394 Fax: (575)964-8396

Conclusion

DFSI is proposing to excavate SP1 to 4ft bgs, and lined with a 20mil liner. Sample points 2 thru 4 would be excavated to 4ft bgs, and backfilled with topsoil. SP5 and SP6 would be excavated to 4ft bgs, and lined with a 20 mil liner. DFSI will remove any impacted soil to an NMOCD approved facility. The entire site would then be seeded and restored to its natural state. DFSI will then submit all proper closure documentation to NMOCD and BLM in accordance with regulatory compliance.

Please contact me with any questions and/or concerns. Thank you.

Sincerely,



Natalie Gladden
Environmental Consultant
Diversified Field Service, Inc.
315 S. Leech
Hobbs, NM 88240
Office: (575)397-6437
Mobile: (575)390-5454
Fax: (575)393-2981

cc Mike Burton
NM Bureau of Land Management

Attachments:

C-141
Photo Page
Site Diagram with Proposed excavation
Labs
Analytical

Natalie Gladden

From: Burton, Michael <mburton@blm.gov>
Sent: Thursday, April 03, 2014 3:42 PM
To: Natalie Gladden
Subject: Re: Turner B #95 - Remediation Plan

Natalie.
This plan is approved.
Thanks

Mike Burton
BLM-CFO
Environmental Protection Specialist
575-234-2226 office
575-361-3574 cell
mburton@blm.gov

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On Thu, Apr 3, 2014 at 1:41 PM, Natalie Gladden <ngladden@diversifiedfsi.com> wrote:

Mr. Burton/Mr. Bratcher,

Attached you will find the Turner B #95 Remediation Plan. Please review and if approved this project will be underway.

Thank you for your time in advance,

Natalie Gladden

ENVIRONMENTAL DIRECTOR

DFSI ENVIRONMENTAL SERVICES

CELL: 575-602-1786

OFFICE: 575-964-8394

FAX: 575-964-8396

EMAIL: nagladden@diversifiedfsi.com

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

| | | |
|---|-----------------------------|-----------------------|
| Name of Company: Linn Operating | Contact: Brian Wall | |
| Address: 2130 W. Bender Hobbs, NM 88240 | Telephone No.: 575-738-1739 | |
| Facility Name: Turner B #95 | Facility Type: Oil Producer | |
| Surface Owner: Federal | Mineral Owner: | API No.: 30-015-26612 |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter L | Section 20 | Township 17S | Range 31E | Feet from the 2610 | North/South Line South | Feet from the 1000 | East/West Line West | County Eddy |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Latitude: 32.8199711236509 **Longitude:** -103.897239412252

NATURE OF RELEASE


| | | |
|--|--|---|
| Type of Release: Produced Water | Volume of Release: 20 bbls | Volume Recovered: 10 bbls |
| Source of Release: Fiber glass pipeline | Date and Hour of Occurrence: 02/18/2014 | Date and Hour of Discovery: 02/18/2014 12:30pm |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Burton-BLM Mike Bratcher-NM OCD | |
| By Whom? Brian Wall | Date and Hour 02/19/2014 0655 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*:

Describe Cause of Problem and Remedial Action Taken.*: Running daily lease received alarm call low discharge pressure at russell turner injection plant. Drove to plant noticed header #2 had 0 psi. Closed main valve on #2 header. Restarted pump went down on high discharge psi. Then called vac trucks to haul water to public SWD.

Describe Area Affected and Cleanup Action Taken.* : Also notified other lease operators about injection line leak. began looking for leak on my lease and found it about 200 yards north of field office at N 32.82103 W103.89724. Affected area is 10'X120' South of lat/long. Build temporary containment around spill area. Remove free fluids.

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

| | | | |
|--|---|------------------|-----------------------------------|
| Signature:  | <u>OIL CONSERVATION DIVISION</u> | | |
| Printed Name: Brian Wall | Approved by District Supervisor: | | |
| Title: Construction Foreman II | Approval Date: | Expiration Date: | |
| E-mail Address: bwall@linenergy.com | Conditions of Approval: | | Attached <input type="checkbox"/> |
| Date: 02/19/2014 | Phone: 806-367-0645 | | |

* Attach Additional Sheets If Necessary

Linn Energy Turner B #95

Unit Letter L, Section 20, T17S R31E



Location and spill area 02/18/14



Impacted soil site 02/18/14



Stockpile of impacted soil for removal 02/18/14

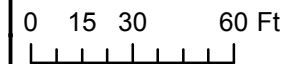
Site Diagram

Linn, Turner B95 Injection

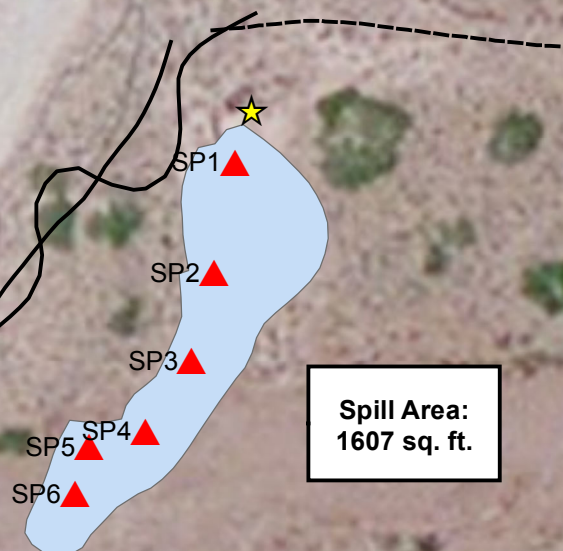
UL/L, Sec. 20, T17S R31E

Eddy, NM

Drafted By: Lance Crenshaw 2/28/14



Due to auger refusal,
SP1 and SP5-SP6 excavated to
4' bgs with liner. SP2-SP4 excavated
to 4' bgs with no liner.



Landowner: BLM

Depth to Groundwater: 236 ft.

Spill Area:
1607 sq. ft.

Legend

▲ Sample Points

★ Source

— Above Ground Line

- - - Buried Line

■ Spill



Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
Environmental Assessments
Regulatory Compliance



Environmental **DFSI** Services

Office: 575-964-8394
Fax: 575-964-8396

Cell: 575-441-2359
Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 03, 2014

BRIAN WALL

LINN OPERATING-HOBBS

2130 W. BENDER

HOBBS, NM 88240

RE: TURNER B #95 INJECTION LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/25/14 13:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 02/25/2014 | Sampling Date: | 02/25/2014 |
| Reported: | 03/03/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 3 @ 7 (H400569-01)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 3.92 | |

Sample ID: SP 4 @ 8 (H400569-02)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Sample ID: SP 3 @ 6 (H400569-03)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 608 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Sample ID: SP 2 @ 5 (H400569-04)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 544 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:LINN OPERATING-HOBBS
BRIAN WALL
2130 W. BENDER
HOBBS NM, 88240
Fax To: (575) 738-1740

| | | | |
|-------------------|-----------------------------|---------------------|---------------|
| Received: | 02/25/2014 | Sampling Date: | 02/25/2014 |
| Reported: | 03/03/2014 | Sampling Type: | Soil |
| Project Name: | TURNER B #95 INJECTION LINE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 2 @ 6 (H400569-05)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 288 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | | |

Sample ID: SP 5 @ 7 (H400569-06)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Sample ID: SP 5 @ 6 (H400569-07)

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1020 | 16.0 | 02/28/2014 | ND | 416 | 104 | 400 | 7.41 | |

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

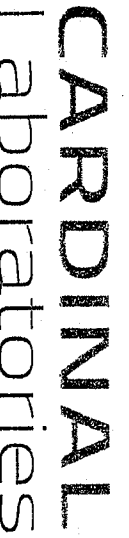
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

(575) 393-2326 FAX (575) 393-2476

| | | | | | | | |
|---|--|-----------------------------|--|----------------|--|-------------------------|--|
| Company Name: Linn Energy | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: Brian Wall | | Company: Linn Energy | | | | | |
| Address: | | Attn: Brian Wall | | | | | |
| City: | | Address: | | | | | |
| State: | | City: | | | | | |
| Zip: | | State: | | | | | |
| Phone #: | | Zip: | | | | | |
| Fax #: | | | | | | | |
| Project #: | | | | | | | |
| Project Name: | | | | | | | |
| Project Location: Turner B 95 Injection Line | | Phone #: | | | | | |
| Fax #: | | | | | | | |
| Sampler Name: | | PRESERV | | SAMPLING | | | |
| FOR LAB USE ONLY | | | | | | | |
| Lab I.D. | | Sample I.D. | | | | | |
| H4D0564 | | (G)RAB OR (C)OMP. | | | | | |
| | | # CONTAINERS | | | | | |
| | | GROUNDWATER | | | | | |
| | | WASTEWATER | | | | | |
| | | SOIL | | | | | |
| | | OIL | | | | | |
| | | SLUDGE | | | | | |
| | | OTHER : | | | | | |
| | | ACID/BASE: | | | | | |
| | | ICE / COOL | | | | | |
| | | OTHER : | | | | | |
| | | DATE | | TIME | | | |
| 1 SP 3 @ 7 | | 9/25/14 | | 9:00 | | X | |
| 2 SP 4 @ 8 | | 9/25/14 | | 9:00 | | X | |
| 3 SP 3 @ 5 | | 9/25/14 | | 9:00 | | X | |
| 4 SP 2 @ 5 | | 9/25/14 | | 9:00 | | X | |
| 5 SP 2 @ 6 | | 9/25/14 | | 9:00 | | X | |
| 6 SP 5 @ 7 | | 9/25/14 | | 9:00 | | X | |
| 7 SP 5 @ 6 | | 9/25/14 | | 9:00 | | X | |
| 8 SP 2 @ 6 | | 9/25/14 | | 9:00 | | X | |
| 9 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 10 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 11 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 12 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 13 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 14 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 15 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 16 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 17 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 18 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 19 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 20 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 21 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 22 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 23 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 24 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 25 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 26 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 27 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 28 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 29 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 30 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 31 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 32 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 33 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 34 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 35 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 36 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 37 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 38 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 39 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 40 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 41 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 42 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 43 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 44 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 45 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 46 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 47 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 48 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 49 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 50 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 51 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 52 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 53 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 54 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 55 SP 1 @ 1 | | 9/25/14 | | 9:00 | | X | |
| 56 SP 1 @ 1 | | | | | | | |

Date: 2/24/2014

Will need hydrovac on this site.
Cannot install liner, to many production
lines in this area

| SP30 | CHL |
|------|-----|
| | |
| | |
| | |
| | |

Lab Confirmation Sample
Field Sampling
Needs Delineation and confirmation samples



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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|---|----------------------------|
| Name of Company: Linn Operating, Inc. | Contact: Brian Wall |
| Address: 2130 W. Bender Hobbs, NM 88240 | Telephone No. 575-738-1739 |
| Facility Name: Turner B North #95 | Facility Type: Injection |

| | | |
|-----------------------|-----------------------|----------------------|
| Surface Owner Federal | Mineral Owner Federal | API No. 30-015-26612 |
|-----------------------|-----------------------|----------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-------------------|------------------------|-------------|
| Unit Letter L | Section 20 | Township 17S | Range 31E | Feet from the 2610 | North/South Line South | Feet from 1000 | East/West Line West | County Eddy |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-------------------|------------------------|-------------|

Latitude: 32.8199711236509 Longitude -103.897239412252

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release: Produced Water | Volume of Release 20 bbls | Volume Recovered 10 bbls |
| Source of Release: Fiberglass pipeline | Date and Hour of Occurrence 02/18/2014 | Date and Hour of Discovery 02/18/2014 12:30 PM |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Burton-BLM Mike Bratcher-NMOCD | |
| By Whom? Brian Wall | Date and Hour: 02/19/2014 0655 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*
NA

Describe Cause of Problem and Remedial Action Taken.*

Construction Foreman was running daily lease and received an alarm call indicating low discharge at the Russell Turner injection plant. Drove to the plant and noticed the header #2 had 0 psi. I closed the main valve on #2 header, restarted the pump and the main discharge psi went down. I called vac trucks to haul water to public SWD.

Describe Area Affected and Cleanup Action Taken. I notified the other lease operators about the injection line leak. I proceeded with locating the leak on my lease and found it about 200 yards north of the field office at N 32.82103 W 103.89724. Affected area was approximately 10'X120' South of the lat/long. Built temporary containment around the spill area. Removed free fluids. DFSI was contracted for full site remediation.

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

| | | | |
|---|--|---------------------------------------|-----------------------------------|
| | | <u>OIL CONSERVATION DIVISION</u> | |
| Signature: <i>Fred B Wall</i> | | Approved by Environmental Specialist: | |
| Printed Name: Brian Wall | | | |
| Title: Construction Foreman II | | Approval Date: | Expiration Date: |
| E-mail Address: bwall@linenergy.com | | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 06/02/2014 Phone: 806-367-0645 | | | |

* Attach Additional Sheets If Necessary