

**AP - 59**

**STAGE 1 & 2 ABATEMENT  
PLAN**

**DATE:  
DEC 2005**

AP-59  
Stage 1 & 2 Abatement Plan  
Dec. 2005

December 2005

## Stage 1 & 2 Abatement Plan



**F-35 SWD and G-35 SWD  
Near Buckeye, New Mexico**

**R.T. HICKS CONSULTANTS, LTD.**

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January 12, 2005

**Wayne Price**

*NMOCD Environmental Bureau*  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**Via E-mail**

RE: F-35 SWD & G-35 SWD, T17S, R35E; NMOCD Case #: 1R0330 & 1R0332

Dear Mr. Price,

On behalf of Rice Operating Company, R.T. Hicks Consultants, Ltd. is pleased to submit the Stage 1 & 2 Abatement Plan for the above-referenced sites. Text for Rice Operating Company's proposed public notice has been submitted and approved, and is nevertheless attached to this letter. CD copies of this email follow via FedEx. If you have any questions or concerns, please do not hesitate to contact us.

Sincerely,  
R.T. Hicks Consultants, Ltd.



Katie Lee  
Staff Scientist

Copy: Hobbs NMOCD office; Rice Operating Company

**NOTICE OF PUBLICATION**

**State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division**

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site, located about 4.5 miles southeast of Buckeye, New Mexico in Unit Letters F and G, Section 35, T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1& 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sampling of monitoring wells, (ii) to prevent future impairment of ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.

# 1.0 SUMMARY

## 1.1 DATA SUMMARY

1. In late 2001, ROC conducted the initial definition of the magnitude of the release to the vadose zone for the G-35 site. In January of 2002, ROC drilled MW-1 (Report Cover) and plugged the adjacent salt water disposal well.
2. At the F-35 site, ROC conducted a similar program in December 2001 and completed a monitoring well on the down gradient edge of the former tank location (Figure 1).
3. Chloride concentrations in the vadose zone at F-35 exceed 1,000 ppm from 30-feet below ground surface to ground water at 55-feet below ground surface (Figure 2, Section 6.1).
4. At G-35 chloride concentration in the vadose zone exceed 1,000 ppm from 20-feet below ground surface to 40-feet below ground surface. At both sites, depth to ground water is about 52-feet and chloride field analyses did not exceed 2,000 ppm (Figure 3, Section 6.1).
5. TDS and Chloride concentrations in ground water at the F-35 site have declined since 2002. In October of 2005 ground water sampled showed 1,080 ppm of Chloride and 2,540 ppm TDS (Figure 4, Section 7.0).
6. Although chloride and TDS concentrations in ground water at G-35 vary over time, data suggest a gradual increase in concentrations from 2002-2005. This gradual increase could mean that past releases from F-35 are affecting the monitoring well at G-35. In 2005, ground water at G-35 showed 2,360 ppm Chloride and 4,420 ppm TDS (Figure 5, Section 7.0).
7. Past and current analyses of ground water show that benzene at both locations exceeds the WQCC numerical standard of 10 ppb (0.01 mg/L). Over the past four sampling events (2004-05) benzene concentrations ranged between 2.2 and 0.69 mg/L at F-



*Figure 1. G-35 site showing tank excavation and monitoring well*

35 and 2.7 and 0.8 mg/L at G-35. Past analyses show that other regulated hydrocarbons have periodically exceeded numerical standards.

8. Although a slight sheen of hydrocarbons sometimes appears on water removed from the monitoring wells at both locations, separate phase hydrocarbons (SPH) are not present in the monitoring wells.
9. Preliminary treatment feasibility studies have indicated that BTEX in ground water from both sites will degrade or volatilize to below laboratory detection limits after 6-11 days of residence time in an open tank.
10. Pump tests at the monitoring wells at F-35 and G-35 indicate that these 2-inch wells are capable of producing 1-2 gallons a minute without significant drawn-down.
11. Excel Energy (formerly Southwest Public Service) operates several water supply wells in the area. Some of these pumping wells are less than ½ mile from the F-35 and G-35 locations.
12. Historic data from the USGS show that water levels in this area have dropped from about 40 feet below land surface in the late 1960s to the current depth to water of about 52 feet. Therefore, interpretation of chloride concentrations in the vadose zone between 40 and 52 feet are complicated by the effect of releases and water level decline.

## 2.0 SUMMARY AND RECOMMENDED ACTION

### 2.1 CONCLUSIONS

1. The soil boring at the F-35 location, which is adjacent to the former redwood tank, shows relatively constant and low chloride concentrations from 15-20 feet below grade (190 to 340 ppm) which then rises to the maximum observed concentration, 1,260 ppm at 30-feet. Concentrations remain above 1,000 to 50-feet below land surface, which is effectively at the capillary fringe. Although the chloride concentrations are relatively low, the center of chloride mass is below the water table of the 1960s and approaches the current capillary fringe. These data suggest that the release may have created saturated conditions in the past between near surface and ground water.
2. The data from the F-35 monitoring well shows impairment of ground water quality. The decreasing TDS and chloride concentrations observed in the monitoring well support two conclusions:
  - a. This site, not up gradient sources, caused the elevation of chloride and TDS concentrations in ground water and
  - b. Natural restoration of ground water quality may be an effective remedy to restore ground water quality with respect to TDS.
3. The soil boring/well at the G-35 site, which is adjacent to the former redwood tank, showed relatively constant chloride concentrations from 15-20 feet below grade (900 and 1,900 ppm respectively) to 45-feet (900 ppm) in 2002. Because the center of mass of chloride is higher than the historic water table elevation and the data show relatively low observed chloride concentrations in soil (less than 2,100 ppm) it is possible that releases from this site did not create saturated conditions between ground surface and ground water.
4. The data from the G-35 well show impairment of ground water quality. TDS concentrations in this well have risen from slightly above 1,000 ppm in 2002 to above 8,000 ppm in late 2004. The rise in TDS concentrations since the use of the tanks was discontinued suggests an up-gradient source of TDS and chloride. The most likely up gradient source of TDS and chloride is the F-35 location.

5. The data shows that:
- PSH is not present at either location,
  - Benzene concentrations in ground water are relatively stable over time,
  - Benzene concentrations are relatively high when compared to other sites, and
  - Hydrocarbons degrade quickly (6-11 days) to below laboratory detection limits when exposed to oxygen.

This supports the following conclusions:

- Natural restoration will remove benzene and other biodegradable hydrocarbons within a short transport distance from a source,
  - Releases from the G-35 and F-35 locations probably caused a localized zone of dissolved hydrocarbons in ground water,
  - Hydrocarbons are probably trapped within the pore space of the ground water zone and/or absorbed onto the solid matrix of the saturated unit, thereby creating a large hydrocarbon source in a low-oxygen environment that is recalcitrant to biodegradation.
6. Data from the current site investigation supports a conclusion that the magnitude of the releases are sufficiently defined to permit design of a point-of-use ground water treatment system.
7. Pumping of SPS wells are causing local perturbations of the water table and causing ground water flow directions to vary in response to pumping. Pumping of wells north of F-35 and G-35 could be causing the ground water flow direction to change from the southeast regional flow to a flow that is more due east.
8. No more than three additional monitoring wells in concert with additional sampling of nearby existing wells should be sufficient to define the extent of ground water quality impairment caused by these two locations.

## 2.2 PROPOSED ACTIONS

R.T. Hicks Consultants proposes installation of a point-of-use treatment system combined with natural attenuation to restore ground water at the F-35 and G-35 locations. The following characterization plan will define the extent of ground water impairment and provide additional data on the nature of the source areas:

1. Obtain historic data and collect new samples of existing wells up-gradient of F-35 to establish background conditions.
2. Install a 2-inch diameter well about midway between F-35 and G-35 as surface property conditions and rights-of-way permit to test the conclusion that high TDS ground water from F-35 is migrating to G-35.
3. If possible, rehabilitate abandoned water supply well #1, located 1,500 feet southeast of G-35 to serve as down gradient monitoring well or complete a 2-inch monitoring well near this down gradient location.
4. Install a down gradient monitoring well about 1,000 feet due east of G-35 as surface property and rights-of-way conditions permit.
5. Monitor the water chemistry from the proposed pumping wells at F-35 and G-35, which are the existing monitoring wells, to help better define the nature of these source areas. If BTEX concentrations dramatically decline over 6-9 months of pumping, perhaps the source areas are not recalcitrant to natural restoration.
6. Perform HYDRUS-1D and MODFLOW simulations of the site to identify the best method to effectively sequester or remove the residual chloride in the vadose zone.

### 3.0 CHRONOLOGY OF EVENTS

Table 1 presents the chronology of events for these locations.

December, 2001	ROC conducted the initial definition of the magnitude of the releases
January, 2002	ROC drilled a monitoring well at each site and plugged the adjacent salt water disposal wells.
January, 2002-present	ROC conducts four quarters of ground water monitoring to confirm initial result and collect data in preparation for an Investigation and Characterization Plan
March 2005	Hicks Consultants submits an Investigation and Characterization Plan to NMOCD for review
May 2005	Hicks Consultants conducts field reconnaissance to determine depth to water in surrounding wells; pump tests are conducted at G-35 and F-35
August 2005	Preliminary feasibility tests are conducted for future point-of-use treatment system
Fall 2005	NMOCD orders ROC to submit an Abatement Plan pursuant to Rule 19

## 4.0 BACKGROUND

### 4.1 SITE LOCATION AND LAND USE

The G-35 and F-35 SWD sites are located about 4.5 miles east Buckeye, New Mexico in Section 35 T17S R35E. To access the locations from Buckeye, travel 4.5 miles east on Route 50 (toward Hobbs), then turn south on an oil field road and proceed about 3/5 of a mile to a road junction. At this road junction, the F-35 site is less than 1,000 feet west at the end of the access road (32 47' 34.06" N, 103 25' 48.84"W). To access the G-35 location, which is about 1,500 feet east of F-35, proceed about 200-feet south from the junction of the G-35 access road to an access road leading due east. Proceed east on this access road about 750 feet then turn north on a dirt road that leads to the site (32 47' 34.55" N, 103 25' 33.60"W).

The general area of the site is employed for grazing and oil production. Plate 1 is a 2004 aerial photo of the site showing the two locations and the nature of the area within 1.5 miles of each site.

### 4.2 REGIONAL DATA COLLECTION

R.T. Hicks Consultants has taken depth to ground water data at wells that were accessible in the area, and used GPS units and topographic maps to plot them on an area map. Plate 2 shows these wells in relation to F-35 and G-35 as well as the locations of proposed monitoring wells discussed later in this plan. R.T. Hicks Consultants has also examined well logs for wells nearby from the Office of the State Engineer in Roswell. This data allows determination of regional depth to ground water and ground water flow. Well logs collected at the OSE in Roswell are included in Appendix A.

### 4.3 POINT OF USE FEASIBILITY TESTING

Pump tests conducted at F-35 and G-35 in May of 2005 demonstrated that each well could produce 1-2 gallons per minute. Field BTEX biodegradation and volatilization feasibility studies used water from each well to determine the rate of natural restoration of ground water when exposed to oxygen. These tests were conducted on both sites in the fall of 2005. Water from each well was placed in a small tank with similar proportions to tanks proposed for a water treatment system and samples were taken every 2 days and analyzed for BTEX to monitor degradation of these constituents. Appendix B explains the procedures from these tests.

Table 2 shows the natural BTEX degradation observed for water from G-35 and F-35 caused these constituents to drop below laboratory detection limits in 6-11 days.

Table 2: BTEX Degradation Study Results  
G-35

Data Sampled	Benzene	Toluene	Ethylbenzene	Xylene (p/m)	Xylene (o)	Naphthalene
	<i>ug/L</i>					
9/26/2005	862	125	212	70.7	-	ND
9/30/2005	35.1	5.52	1.23	2.13	10.4	1.63
10/7/2005	ND	ND	ND	ND	ND	ND
10/13/2005	ND	ND	ND	ND	ND	ND

F-35

Data Sampled	Benzene	Toluene	Ethylbenzene	Xylene (p/m)	Xylene (o)	Naphthalene
	<i>ug/L</i>					
8/16/2005	347	110	163	53.7	-	ND
8/22/2005	ND	ND	ND	ND	2.33	ND

## 5.0 GEOLOGY AND HYDROGEOLOGY

### 5.1 REGIONAL AND SITE HYDROLOGY

Plate 3 presents a geologic map of southern Lea County. This map shows the Ogallala Formation is present throughout much of the area and is underlain by the Dockum Group red-beds. Along Monument Draw, erosion has stripped the Ogallala and deposition of alluvium over the red-beds has created a separate aquifer that is hydraulically connected to the Ogallala in many locations (see Nicholson and Clebsch, 1961).

The Dockum Group red beds are an aquiclude below the Ogallala and alluvial aquifers. The elevation of the red-bed surface exerts control on ground water flow. Where this surface is higher than the water table elevation, it obviously creates a barrier to flow. Where the red-bed surface is an expression of a paleo-valley, ground water may be directed toward the axis of this subsurface feature and the saturated thickness of the aquifer can increase as a result.

Primary sediments of the Ogallala formation are unconsolidated sand, silt, clay and gravel. A caliche cap rock has been formed near the top of the formation by calcium carbonate in the Ogallala sediments and runs over most of the area. Beneath the Ogallala formation an erosional surface lies above Cretaceous and Triassic rocks. Small amounts of water are yielded by the Triassic rocks composed of fine-to coarse-grained sand, clay, and shale. Cretaceous rocks are also known to yield small amounts of water and are made up of Edwards Limestone and Paluxy Sandstone. The Ogallala Formation has a saturated thickness of 150-255 feet between Hobbs and Tatum and likely in the area near the sites. Well logs nearby show that the depth to water is around 50 feet and total depths of as much as 150 feet do not encounter the red-beds. A potentiometric surface map created from 2001 water levels in USGS wells indicated that ground water in the area is flowing in a southwest direction (see Plate 4). Depth to water levels in surrounding area wells in an R.T. Hicks Consultants' May 2005 field event suggest a more easterly direction near the site but confirms the southwest regional flow direction (Plate 5).

In Task 1 of the Stage 1 Abatement plan above, further analytical data will be collected to better understand the background ground water chemistry in the area. R.T. Hicks Consultants plans to obtain annual

ground water analytical results from the Cunningham Station's supply wells SPS-25, SPS-26, and SPS-27, which form a triangle around the sites.

In a Technical Report for the Office of the State Engineer, Musharrafiieh and Chudnoff (1999) estimate several parameters for the aquifer in the area, presented in Table 3 below.

Table 3. Estimated Parameters for the Ogallala aquifer Near Buckeye, NM

Hydraulic Conductivity (feet/day)	Specific Yield	Thickness (feet)	Transmissivity (feet <sup>2</sup> /day)
50.5	0.23	125	6,312.50

Hydraulic Conductivity (meters/day)	Specific Yield	Thickness (meters)	Transmissivity (meters <sup>2</sup> /day)
15.39	0.23	38.1	586.36

This document does not provide information on surface water hydrogeology as the flat terrain diminishes the need for such a discussion.

## 5.2 WATER WELL INVENTORY

Appendix A provides well logs of nearby wells that were obtained from the Office of the State Engineer.

## 6.0 VADOSE ZONE CHARACTERISTICS

### 6.1 SUBSURFACE SOILS MONITORING PROGRAM

The well Logs for G-35 and F-35 (Plates 6 & 7) demonstrate that the vadose zone is sand and has a caliche horizon that is common to the Ogallala Formation from 2-12 feet below ground surface. This vadose zone profile is typical of the Tertiary Ogallala Formation in the area and is consistent with the geologic mapping presented in Plate 3.

The soil boring/well at F-35, (adjacent to the former redwood tank), shows relatively constant and low chloride concentrations from 15-20 feet below grade (190 to 340 ppm) which then rise to the maximum observed concentration, 1,260 ppm at 30-feet. Concentrations remain above 1,000 at 50-feet below land surface, which is effectively at the capillary fringe. Although the chloride concentrations are relatively low, the pattern of Figure 2 suggests that the release created recent saturated conditions between ground surface and ground water. Organoleptic evaluation of samples suggest that hydrocarbon constituents exist throughout the vadose zone.

The soil boring/well at G-35, which is adjacent to the former redwood tank, showed relatively constant chloride concentrations from 15-20-feet below grade (900 and 1,900 ppm respectively) to 45-feet (900 ppm) in 2002. Because the water table now lies about 50-feet below land surface, this observed decrease of chloride concentrations (Figure 3) combined with the relatively low observed chloride concentrations in soil (less than 2,100 ppm) could suggest that the release did not create saturated conditions between ground surface and

Figure 2: Chloride vs. Depth at F-35

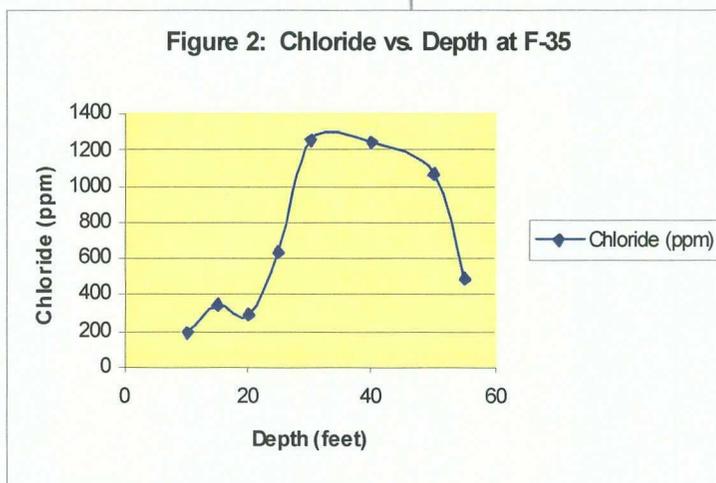
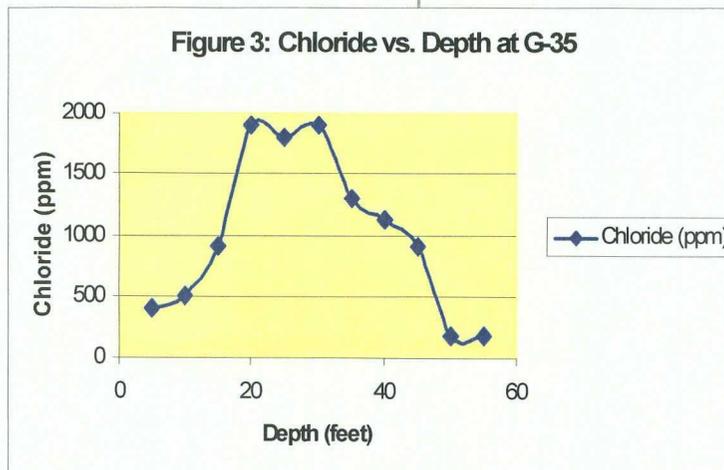


Figure 3: Chloride vs. Depth at G-35



ground water. Organoleptic evaluation of samples from this boring suggest that hydrocarbon constituents are present throughout the vadose zone.

Figure 3 also shows that the center of mass of chloride resides at 20 to 40-feet below ground surface. Although the data suggested that saturated flow conditions did not exist at this boring, hydrocarbon odors in the soil samples caused ROC to continue the boring to ground water and to complete a monitoring well. Therefore, we conclude that unsaturated flow caused the migration of hydrocarbons and chloride through the vadose zone.

## **6.2 NATURE OF THE RELEASE**

Plates 8 and 9 show diagrams of the sites, including the historic location of the redwood tanks, the overflow pit at G-35 and the monitoring wells. Periodic overflow from the redwood tanks is likely the source of the constituents of concern detected in vadose zone and saturated zone samples. As stated above, chloride concentrations in the vadose zone at F-35 suggest that past releases there created saturated conditions in the vadose zone. Conversely, chloride concentrations in the vadose zone at G-35 suggest that past releases did not create saturated conditions in the vadose zone, however unsaturated flow probably allowed the transport of constituents of concern to ground water at this location.

## **6.3 EXTENT AND MAGNITUDE OF BRINE IN THE VADOSE ZONE**

The chemical data and the sandy lithology of the vadose zone allow us to conclude that produced water moved vertically from the site to ground water at F-35 with little or no horizontal dispersion.

The data and lithology of the vadose zone at G-35 suggest that even though saturated conditions were not achieved during the release, the vertical extent of the release is the entire vadose zone with little or no horizontal dispersion.

## 7.0 GROUND WATER QUALITY

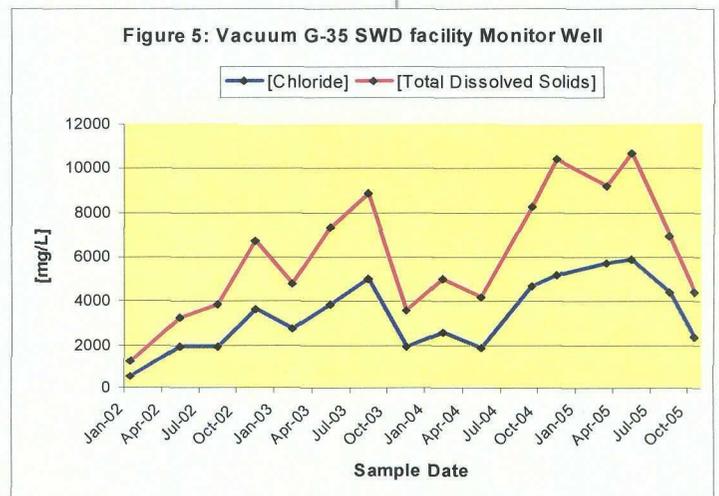
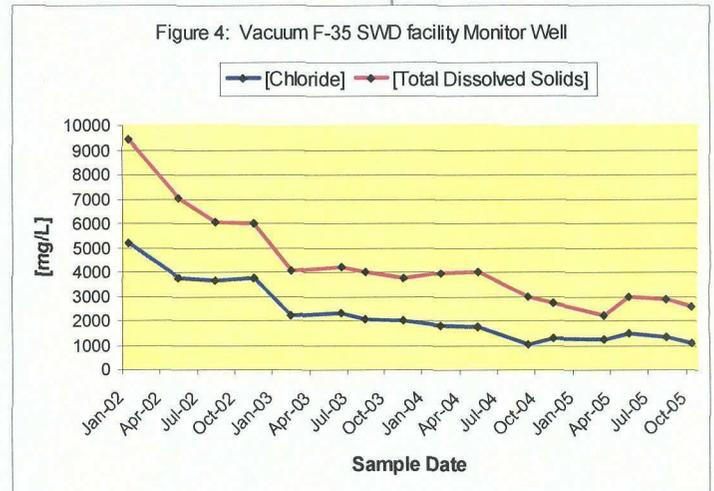
Figures 4 and 5 present chloride and TDS data from the monitoring wells at F-35 and G-35 respectively (see also Table 4, attached). Benzene concentrations for both locations are above WQCC numerical standards and are relatively consistent.

### 7.1 EXTENT AND MAGNITUDE OF TDS AND CHLORIDE IN GROUND WATER

As suggested above, we conclude that the horizontal extent of the near surface release was confined to the size of the redwood tank itself and produced water flowed vertically through the vadose zone without material lateral dispersion to ground water. The monitoring well at F-35 is located about 26-feet down gradient from the former tank and the well at G-35 is located about 0.25 miles to the west of F-35, roughly down gradient. To adequately define the extent of chloride and TDS in ground water in the area, a monitoring well up-gradient from F-35 that could provide background concentrations, a monitoring well between F-35 and G-35, and a monitoring well down gradient from G-35 is recommended. Obtaining analytical data from Excel Energy's supply wells for the Cunningham Station: SPS-25, SPS-26, and SPS-27 may also be useful in understanding ground water quality both up and down gradient from the sites.

### 7.2 EXTENT AND MAGNITUDE OF PETROLEUM HYDROCARBONS IN GROUND WATER

At both locations, benzene is the only petroleum hydrocarbon constituent that is consistently present in concentrations greater than the WQCC numerical standards. Because the feasibility testing showed that petroleum hydrocarbon concentrations decline to below laboratory detection limits after 6-11 days of residence in a tank open to the atmosphere, we conclude that biodegradation and volatilization of hydrocarbons is a



highly effective restoration process for this ground water. We also conclude that the extent of dissolved phase hydrocarbons in ground water is limited. An extensive review of petroleum hydrocarbon plumes conducted by the Lawrence Livermore National Laboratory (Rice, D. W., R. D. Grose, J. C. Michaelson, B. P. Doohar, D. H. MacQueen, S. J. Cullen, W.ÉE. Kastenber, L. E. Everett, and M. A. Marino (1995b), California Leaking Underground Fuel Tank (LUFT) Historical Analyses, Lawrence Livermore National Laboratory, Livermore, Calif. UCRL-AR-122207) support a conclusion that down gradient migration of benzene plumes in porous aquifers is generally limited to less than 300-feet.

## 8.0 STAGE 1 ABATEMENT PLAN

As discussed above, existing site data show impairment of ground water quality at these two locations. Sufficient data exist to select and design an effective abatement option for the vadose zone (see Rule 19.15.1.19.E.3). Sufficient data also exist regarding the magnitude of the ground water impact, permitting the design of a point-of-use ground water treatment system. Therefore the work elements described below are designed to complete characterization of the extent of ground water impact in the area, and test the proposed point-of-use treatment system.

### 8.1 TASK 1. COLLECT DATA TO REFINE DESIGN OF POINT-OF-USE WATER TREATMENT AND NATURAL RESTORATION REMEDY, DEFINE GROUND WATER FLOW DIRECTION AND BACKGROUND CHEMISTRY

We plan long-term pumping of ground water from the existing monitor wells at each location through the point-of-use water treatment system described in the Stage 2 Abatement Plan. We will monitor the performance of the system and make adjustments as required to optimize performance.

Ground water pumping may cause an influx of oxygenated water into the zones of hydrocarbon impairment within the saturated zone. This pumping may speed natural restoration of the ground water zone with respect to hydrocarbons, TDS and chloride. We will employ data collected over a 6-9 month period of ground water pumping to provide an opinion upon the time required for complete restoration of ground water quality.

The landowner has requested that ROC consider conversion of the existing depressions caused by the removal of the redwood tanks for use of earthen tanks to store water for stock. Discharging reclaimed water to this area where residual constituents of concern exist in the vadose zone would flush these constituents from the vadose zone into ground water. The pumping wells could capture these constituents for treatment. During this initial testing period we will discharge clean water to steel stock tanks while we consider the potential discharge to the former redwood tank area.

In advance of the proposed monitoring well installation program, we plan to supplement our knowledge of ground water in the area by examining NMOCD records for the ChevronTexaco CO2 plant south of Buckeye and the former Buckeye Gas Plant (Duke Energy) due east of

Buckeye. While at NMOCD, we will collect any data from other nearby sites known to NMOCD. From these data, we may refine our understanding of regional ground water flow and background water chemistry. In addition to the records search at NMOCD, we will attempt to obtain analytical data of the Southwest Public Service water supply wells near F-35 and G-35 maintained by the Cunningham station near Buckeye. We anticipate that this initial data review and evaluation will permit us to identify the location of 1-3 well locations that will provide necessary information regarding background water quality, obviating the need to drill up gradient monitoring wells.

To define the extent of high TDS in ground water near the two locations, we propose a field program consisting of the following work elements:

1. After consultation with the surface landowner(s), we will install a 2-inch monitoring well midway between the two locations. The boring for this proposed well will extend 50-feet below the water table or to the top of the red beds, whichever comes first. We may elect to complete this boring as a well cluster with one well screen straddling the water table in accordance with design recommendations set forth in NMOCD guidance. Any deeper well screen would be 5-feet long set at the bottom of the boring.
2. During the drilling of this first monitoring well, we will attempt to obtain samples and depth to water measurements from existing wells in the area. Plate 2 shows the location of existing and proposed wells in relation to F-35 and G-35. As with all proposed wells, the exact location will be affected by communications with the landowner. If any locations are more than 200-feet different from those shown on Plate 2, we will notify NMOCD.
3. If we gain permission from the landowner, we will attempt to recondition an abandoned water supply well located about 1,500-feet southeast of G-35 for use as a ground water sampling point. If this well cannot be reconditioned, we will install a 2-inch monitoring well about 100-300-feet closer to the G-35 location.
4. If depth to water data collected in work element 2 confirms an east-west direction of ground water flow, we plan to install a second down gradient 2-inch monitoring well about 1,000-feet due east of G-35 as shown on Plate 2.

We will install the well(s) using a hollow-stem auger and standard industry protocol that meet with NMOCD mandates. We will notify NMOCD 48-hours before we commence drilling. At each newly in-

stalled well, we will wait two weeks for the well to stabilize and then:

- Obtain depth to water measurements
- Take samples for TDS, chloride and BTEX

## **8.2 TASK 2: EVALUATE CHLORIDE AND BTEX FLUX FROM THE VADOSE ZONE TO GROUND WATER AND CAPTURE OF CONSTITUENTS IN RECOVERY WELL**

We propose to employ HYDRUS-1D and MODFLOW plus the solute transport module MT3D to evaluate the potential of residual chloride and BTEX mass in the vadose zone to materially impair ground water quality at a point of compliance. We will employ predictions of the migration of chloride and benzene (which is the most mobile of the residual hydrocarbon constituents) ion from the vadose zone to ground water then employ MODFLOW plus MT3D to determine if placement of earthen stock tanks in the excavations caused by the removal of the redwood tanks is an appropriate remedy for the underlying vadose zone. In a recent conversation, the surface landowner recommended placement of earthen stock tanks in the existing excavations.

The simulation experiment will compare (i) placing some clay in the excavations to minimize seepage and maintaining water in an earthen tank at the location to (ii) restoring the surface with a vegetative cap or a similar infiltration barrier. First we will simulate the existing condition, which predicts chloride flux to ground water in the absence of any action by ROC. This is the "baseline" simulation to which we will compare potential vadose zone remedies.

For this simulation, we will employ the input parameters to HYDRUS and the MODFLOW model outlined in Table 5. We will assume that vegetation is not present over the release site (no evapotranspiration) and an aquifer thickness of 10-35-feet, or whatever value can be justified by our work in Task 1. At other sites, we have found that chloride can be distributed throughout the thickness of the aquifer whereas at some sites we employ an aquifer thickness of only 10-feet. We believe that the existing boreholes at each site provide adequate characterization of the vadose zone and delineation of chloride and hydrocarbons. Subsequent simulations will employ the same HYDRUS and MODFLOW input data in addition to pumping data (to determine the capture zone of the recovery well), biodegradation rates for benzene, and the different surface conditions (ponding or an infiltration barrier).

Table 5. HYDRUS-1D Input Parameters and Common Sources for Data

Parameter	Data Source
Depth to Ground Water (feet)	Site Data
Vadose Zone Texture	Site Data
Dispersion Length (cm)	Professional Judgment
Water Content $\theta_g$ (%)	Estimated from HYDRUS simulations
Vadose Zone Chloride Distribution (g/kg)	ROC data from Disclosure Report
Length of release perpendicular to ground water flow (feet)	Field measurements
Climate Index	NOAA data
Background Ground Water Chloride (mg/L)	Samples from nearby wells
Ground Water Flux (cm/day)	Calculated from regional hydrological data
Aquifer Thickness (feet)	Musharrafiieh and Chudnoff (1999)

### 8.3 TASK 3: DESIGN VADOSE ZONE REMEDY AND SUBMIT REPORT

At G-35, ROC has plugged and abandoned the injection well, removed the redwood tank, and de-activated the emergency overflow pit at the site. Future releases of produced water at this site are not possible. At F-35, ROC has removed the redwood tanks. The entire Vacuum system is now closed and future releases from the SWD facilities are not likely.

If the baseline modeling described above suggests that a threat to ground water or overlying soil does not exist, we will recommend restoration of the site and a vegetative cap. We will recommend that we excavate an earthen stock tank a short distance from the former redwood tanks and use the material from this excavation for the site restoration.

If the baseline modeling described above suggests a threat to ground water quality, we will use the HYDRUS-1D model predictions to compare two remedies for the vadose zone. We will simulate:

1. Installation of an infiltration barrier (simple vegetation or importation of clay), with surface grading and seeding to minimize ponding of precipitation and promote evapotranspiration, and

2. Permitting some percolation of oxygen-rich water through the vadose zone (from leakage at the proposed earthen stock tank), flushing the vadose zone of residual chloride and BTEX, and capture of some or all of these flushed constituents in the proposed recovery well.

The information gathered from tasks 1-3 will be evaluated and utilized to amend the Stage 2 Abatement Plan. The vadose zone remedy that offers the greatest environmental benefit while causing the least environmental impairment will be selected.

## 9.0 STAGE 2 ABATEMENT PLAN

### 9.1 VADOSE ZONE REMEDY

1. Submit simulation experiments and a recommended vadose zone remedy within 60 days of NMOCD approval of this abatement plan.
2. If NMOCD allows only a vadose zone remedy to sequester constituents of concern through the installation of an infiltration barrier, ROC will implement the remedy within 90 days of NMOCD approval
3. If NMOCD allows the vadose zone flushing, ROC will incorporate this remedy into the ground water remedy discussed below.

### 9.2 PROPOSED POINT-OF-USE GROUND WATER TREATMENT

A point-of-use ground water treatment system at each location will provide the landowner with potable water that would be suitable for stock watering throughout the year. Each treatment system includes

- Use of the existing monitor well to pump 1-2 gallons per minute for 4-10 hours per day,
- a holding tank that creates a residence time of about 10 days for the pumped water, which is sufficient to reduce BTEX concentrations to below laboratory detection limits,
- a slow sand filter to remove any residual hydrocarbons and suspended organic material and other solids from water discharged from the holding tank,
- an "off-the-shelf" reverse osmosis (RO) unit that will be capable of accepting water from the slow sand filter and producing potable water at or below contaminate limits for drinking water standards,
- a storage tank for RO reject and sand filter backwash water that may be employed for oil and gas drilling fluids, and
- stock tanks (earthen or steel) for clean water storage.

Each system may be run on standard electricity or solar panels and are designed to produce 50-100 gallons a day depending on the needs of the landowner.

### 9.3 NATURAL RESTORATION OF GROUND WATER

Degradation of BTEX in ground water exposed to oxygen in the feasibility test demonstrates that natural processes in the presence of oxygen

can effectively restore ground water quality. In an oxygenated ground water system these same processes will mitigate the migration of these constituents from a source area. In addition to this site-specific data, studies by numerous agencies and national laboratories support a conclusion that the down gradient extent of dissolved phase hydrocarbons from a source area is typically less than 300 feet. Natural restoration is the recommended remedy to restore ground water with respect to hydrocarbons.

Dilution and dispersion have reduced the concentration of TDS and chloride at the F-35 site. Pumping water from the monitoring wells for beneficial use will remove salts from ground water and enhance the natural process of restoration. Natural restoration is a key component of the recommended remedy to restore ground water with respect to TDS and chloride.

#### 9.4 PROPOSED MONITORING AND REPORTING

1. ROC will provide a vadose zone closure report to NMOCD within 90 days of completing the vadose zone remedy.
2. Twice per month, ground water samples from the two pumping wells and the discharge from the RO unit will be tested for conductance, field chloride and organic vapors using the heated headspace method.
3. Monthly, ROC will measure the total volume of water that:
  - a. is pumped from each well,
  - b. is treated with RO and discharged for stock water,
  - c. is removed for use as drilling fluid,
  - d. is removed for disposal
4. Quarterly, a laboratory will analyze ground water samples from the two pumping wells and RO water used for stock. Samples will be tested for BTEX, chloride and TDS.
5. Quarterly, depth to water measurements will be obtained for all wells within a 1.5 mile radius of the site where the landowner has provided permission for such measurements.
6. Annually, a laboratory will evaluate ground water samples from all wells within a 1.5 mile radius of the site where the landowner has provided permission for such sampling.

7. Annually, ROC will provide reports to NMOCD presenting the results of the ground water restoration program and making recommendations for improvement of the system or closure of the site.

## 10.0 QUALITY ASSURANCE/ QUALITY CONTROL

Sampling and analytical procedures shall be performed in accordance with Title 20 NMAC 6.3107.B and Section 903 of the Water Quality Standards for Interstate and Intrastate Streams in New Mexico (20 NMAC 6.1).

Soil samples will be screened in the field using a PID (QP-07) and field tested for chlorides (QP-03). Soil samples with a PID response of 100 ppm or greater will be submitted to the laboratory for analysis of BTEX. Ten percent (10%) of the soil samples will be submitted for laboratory analysis of chlorides as confirmation of the field analysis.

Groundwater samples will be collected in accordance with procedures explained in QP-04 and QP-05, and analyzed for BTEX, major ions, and TDS.

Specific quality procedures for collecting and analyzing soil and groundwater samples are included in Appendix C.

***TABLES***

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Table 4a. Vacuum F-35 SWD Data

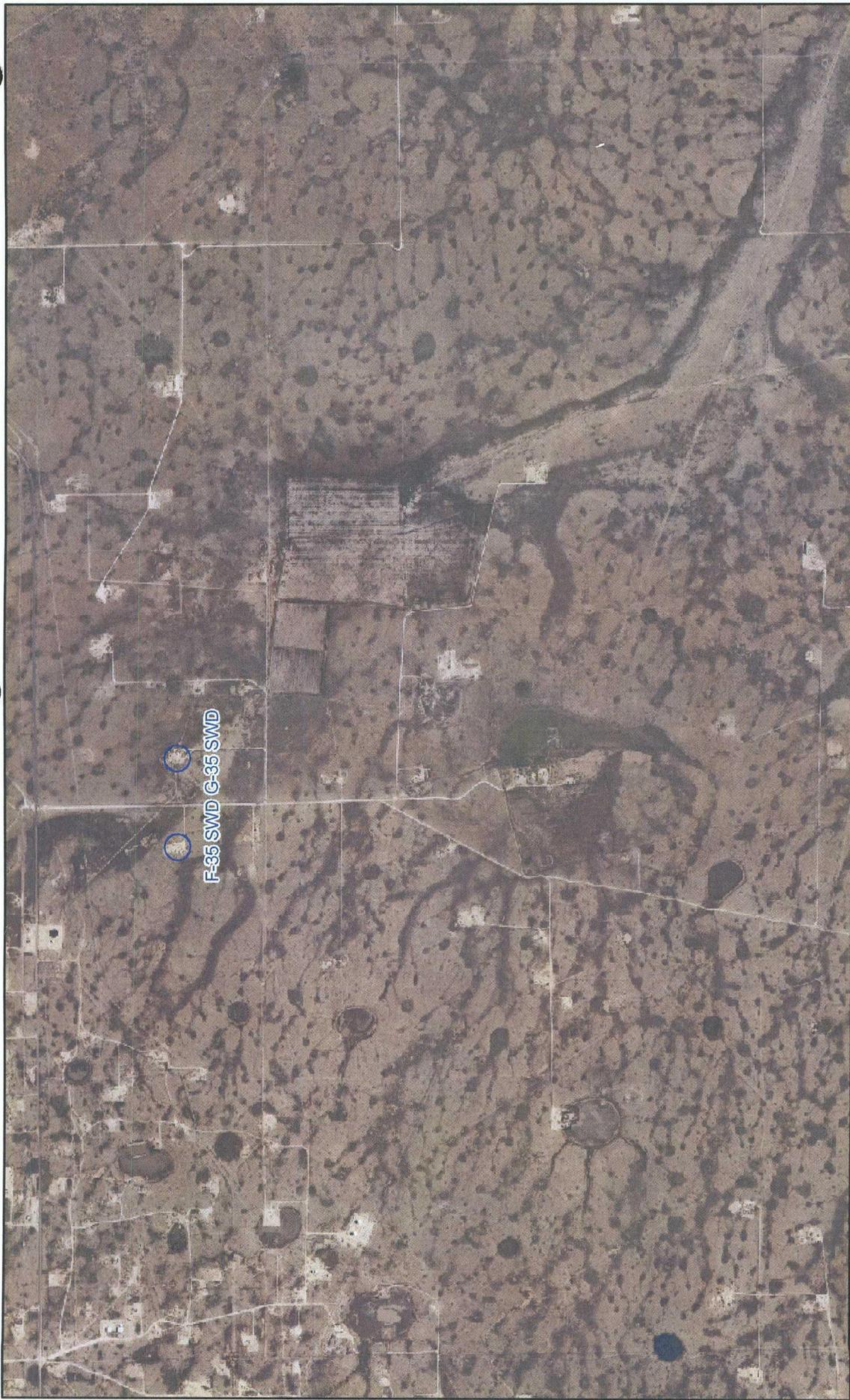
MW #	DEPTH TO WATER (ft)	TOTAL DEPTH	WELL VOLUME	VOLUME PURGED	SAMPLE DATE	Cl <sup>-</sup>	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	COMMENTS
All concentrations are in mg/L												
1	58.00	66.00	1.300	3.90	1/10/02	5200	9425	0.050	0.053	0.050	0.0900	
1	XXX	XXX	XXX	XXX	5/15/02	3720	7050	0.744	0.207	0.510	0.3090	
1	XXX	XXX	XXX	XXX	8/19/02	3630	6040	0.705	0.172	0.112	0.0760	
1	XXX	XXX	XXX	XXX	11/11/02	3720	6020	1.210	0.343	0.835	0.4310	
1	XXX	XXX	XXX	XXX	2/28/03	2200	4040	0.909	0.840	0.321	0.1240	
1	XXX	XXX	XXX	XXX	6/5/03	2300	4180	0.632	0.134	0.061	0.0670	
1	XXX	XXX	XXX	XXX	8/21/03	2060	4000	0.617	0.360	0.202	0.1920	
1	XXX	XXX	XXX	XXX	11/19/03	2000	3760	0.797	0.301	0.264	0.2480	
1	58.20	64.00	0.930	2.78	2/18/04	1819	3932	0.349	0.038	0.121	0.0270	
1	58.50	64.00	0.880	2.64	5/27/04	1759	4008	0.726	0.176	0.268	0.2150	mod. odor; gray
1	58.20	64.20	0.960	2.90	9/7/04	1040	3000	0.429	0.221	0.143	0.2247	mod. odor; gray
1	57.81	64.20	1.020	3.10	11/24/04	1260	2740	0.0489	0.313	0.209	0.2507	mod. odor; gray
1	57.18	64.20	1.200	3.60	3/21/05	1220	2210	2.200	1.610	0.848	1.2830	mod. odor; gray
1					5/11/05	1490	2970	686	451	374	176.2000	
1	58.40	64.20	0.900	2.80	8/15/05	1340	2890	0.819	0.393	0.666	0.5840	
1	57.45	64.20	1.100	4.00	10/25/05	1080	2540	0.779	0.243	0.394	0.3062	

Table 4b. Vacuum G-35 SWD Data

MW #	DEPTH TO WATER * (ft)	TOTAL DEPTH	WELL VOLUME	VOLUME PURGED	SAMPLE DATE	Cl <sup>-</sup>	TDS	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	COMMENTS
All concentrations are in mg/L												
1	53.60	64.30	1.800	5.30	01/10/02	568	1284	0.011	0.0220	0.034	0.0550	
1	52.89	65.03	1.940	6.00	05/15/02	1950	3260	0.414	0.0570	0.131	0.0650	oil skim
1	53.02	64.75	1.877	5.75	08/19/02	1950	3850	0.705	0.5980	0.209	0.2530	
1	53.08	64.70	1.859	5.60	11/11/02	3630	6740	0.921	0.0780	0.154	0.1310	oil skim; yellow
1	53.06	64.19	1.780	5.30	02/28/03	2730	4770	0.713	0.0100	0.018	0.0270	
1	53.20	64.20	1.750	5.28	05/22/03	3860	7320	0.583	0.0020	0.120	0.0270	
1	53.21	64.10	1.740	5.20	08/21/03	5010	8850	0.689	0.0040	0.307	0.0320	
1	53.29	64.20	1.746	5.20	11/19/03	1930	3590	0.012	0.0020	0.090	0.0030	
1	53.30	64.15	1.730	5.20	02/18/04	2579	5000	0.059	<0.002	0.350	0.0070	
1	52.90	64.15	1.800	5.00	05/27/04	1899	4188	1.170	0.3080	0.357	0.3190	
1	52.60	64.40	1.890	5.66	09/07/04	4700	8270	1.110	0.0525	0.346	0.1382	mod. odor; gray
1	52.91	64.40	1.840	5.50	11/24/04	5200	10400	0.881	0.0226	0.133	0.0717	mod. odor; gray
1	52.40	64.40	1.920	5.80	3/21/05	5750	9190	2.760	0.2470	0.399	0.2862	mod. odor; gray; sheen
1					5/11/05	5890	10700	2490	466	672	693	
1	52.35	64.40	1.930	5.80	08/15/05	4430	6960	1.070	0.2260	0.396	0.2417	
1	52.51	64.40	1.900	6.00	10/25/05	2360	4420	0.799	0.0607	0.146	0.0839	light skim oil; strong septic odor

*PLATES*

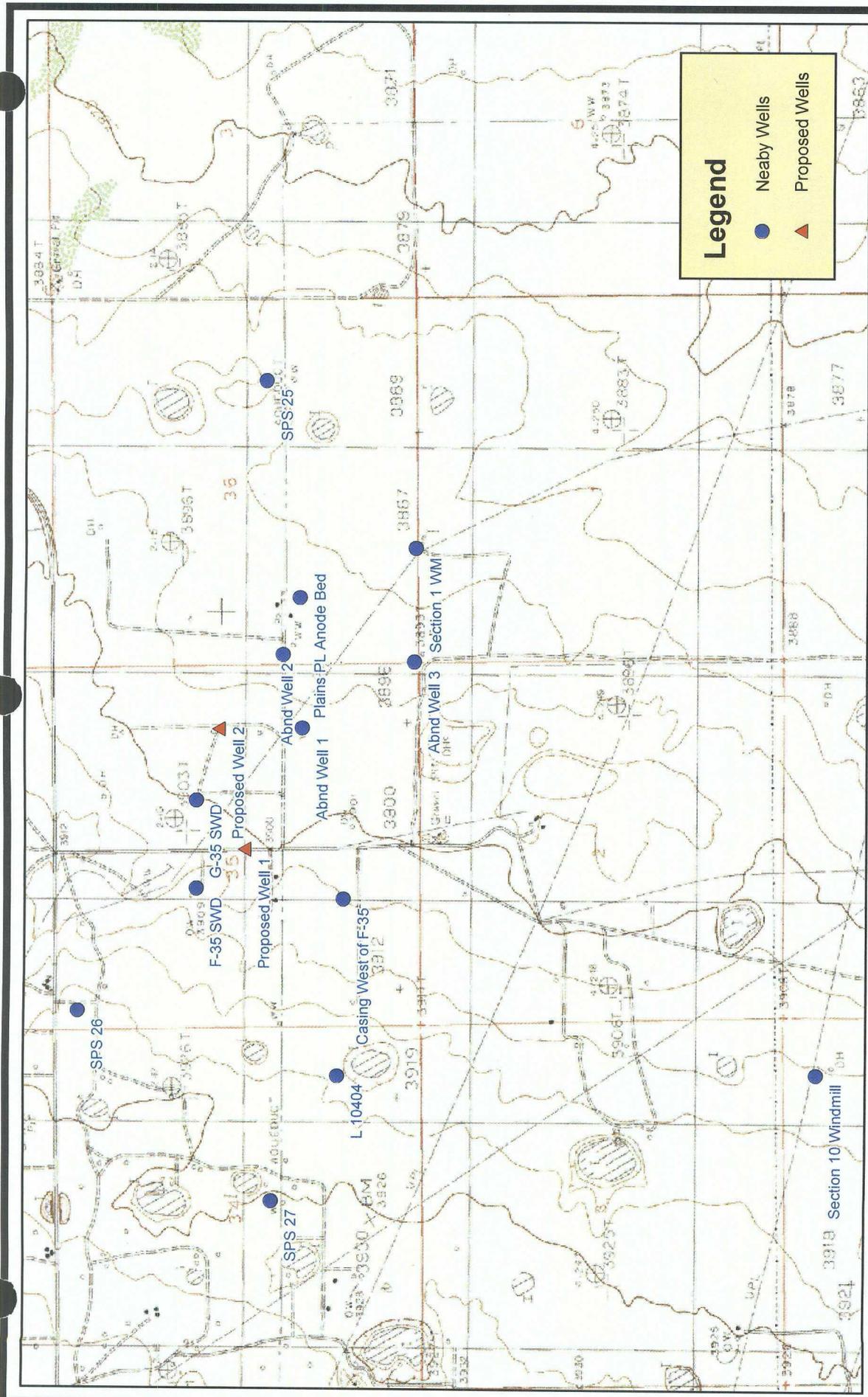
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Source: <http://rgis.unm.edu/> (2004)



<p><b>R.T. Hicks Consultants, Ltd</b>          901 Rio Grande Blvd NW Suite F-142          Albuquerque, NM 87104          Ph: 505.266.5004</p>	<p>2004 Aerial Photo G-35 &amp; F-35 Sites          ROC: Stage 1 &amp; 2 Abatement Plan G-35/F-35</p>	<p>Plate 1          Dec. 2005</p>
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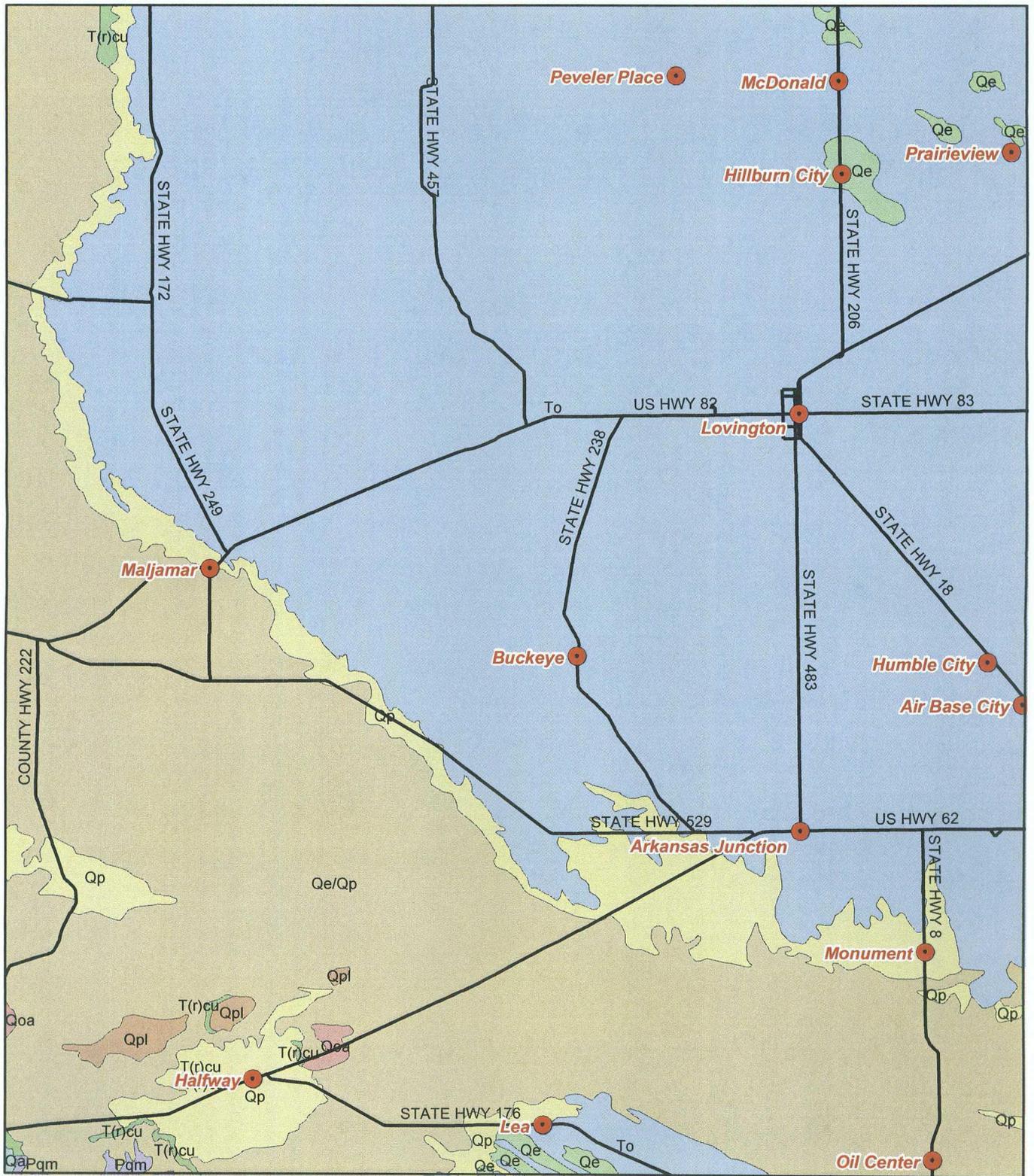


**Legend**

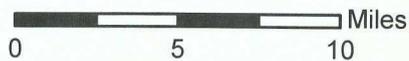
- Neaby Wells
- ▲ Proposed Wells



<b>R.T. Hicks Consultants, Ltd</b> 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004	<b>G-35/F-35 Nearby Wells and Proposed Monitoring Wells</b>	<b>Plate 2</b>
	<b>ROC: Stage 1 &amp; 2 Abatement Plan G-35/F-35</b>	<b>Dec. 2005</b>



Source: NMBMMR, 1997. Anderson, Jones, & Green.  
 USGS Open File Report OF-97-52



R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004	Geologic Map	Plate 3a
	ROC: Stage 1 & 2 Abatement Plan G-35/F-35	Dec. 2005

## Legend

 Monitoring Well

## Geology

### Geologic Units

-  Pqm, Paleozoic-Quartermaster Formation
-  Qa, Quaternary Alluvium
-  Qe, Quaternary Eolian Deposits
-  Qe/Qp, Quaternary Eolian Piedmont Deposits
-  Qoa, Quaternary-Older Alluvial Deposits
-  Qp, Quaternary Piedmon Alluvial Deposits
-  Qpl, Quaternary Lacustrine and Playa Deposits
-  T(r)cu, Triassic-Upper Chinle
-  To, Tertiary Ogallala Formation

Source: NMBMMR, 1997. Anderson, Jones, & Green.  
USGS Open File Report OF-97-52

R.T. Hicks Consultants, Ltd  
901 Rio Grande Blvd NW Suite F-142  
Albuquerque, NM 87104  
Ph: 505.266.5004

Geologic Map Legend

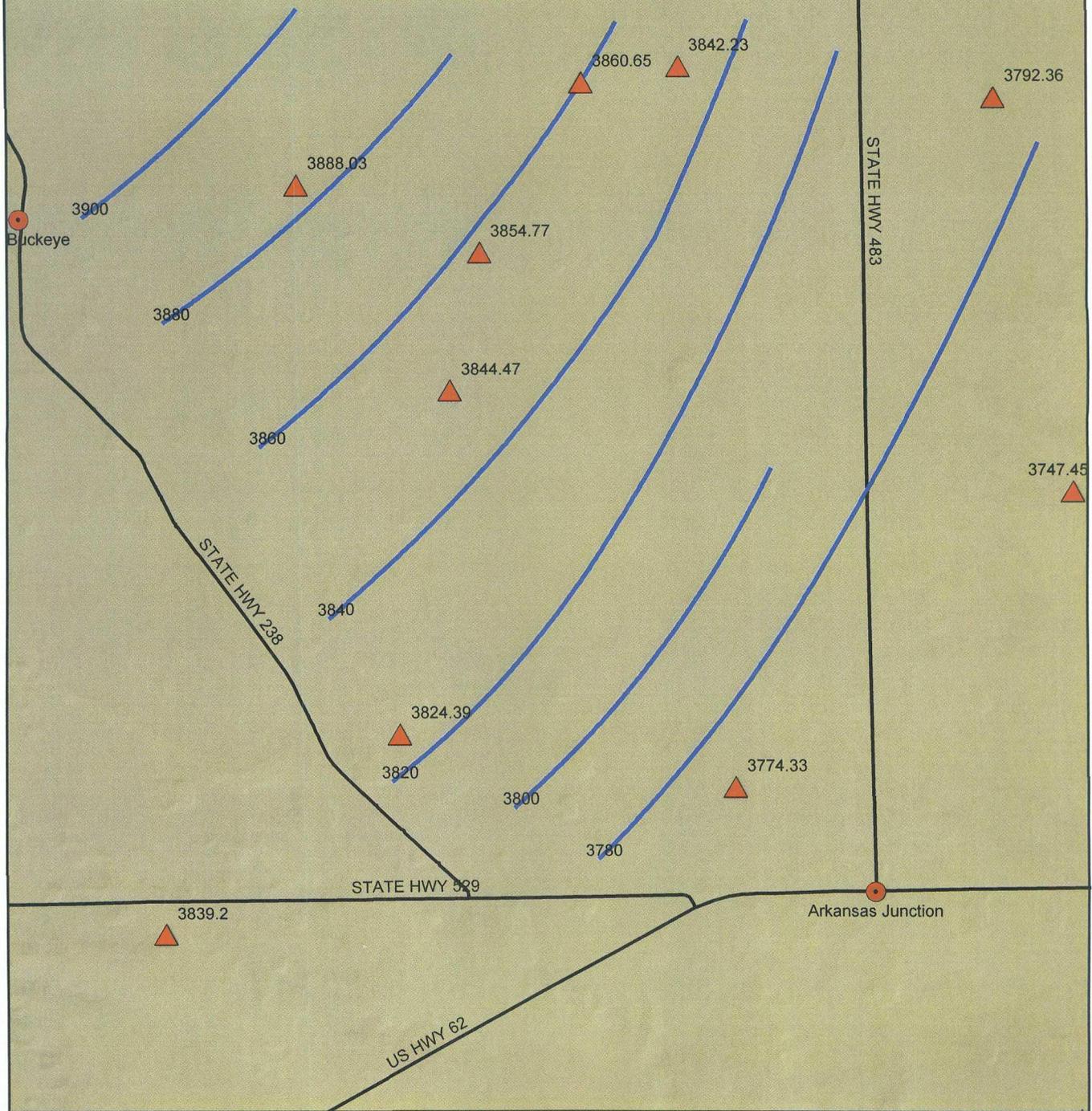
Plate 3b

ROC: Stage 1 & 2 Abatement Plan G-35/F-35

Dec. 2005

**Legend**

-  Monitoring Well
-  USGS Gauging Well (2001)



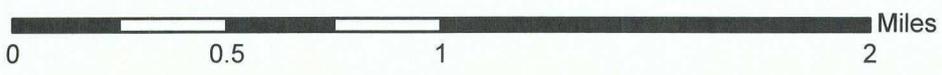
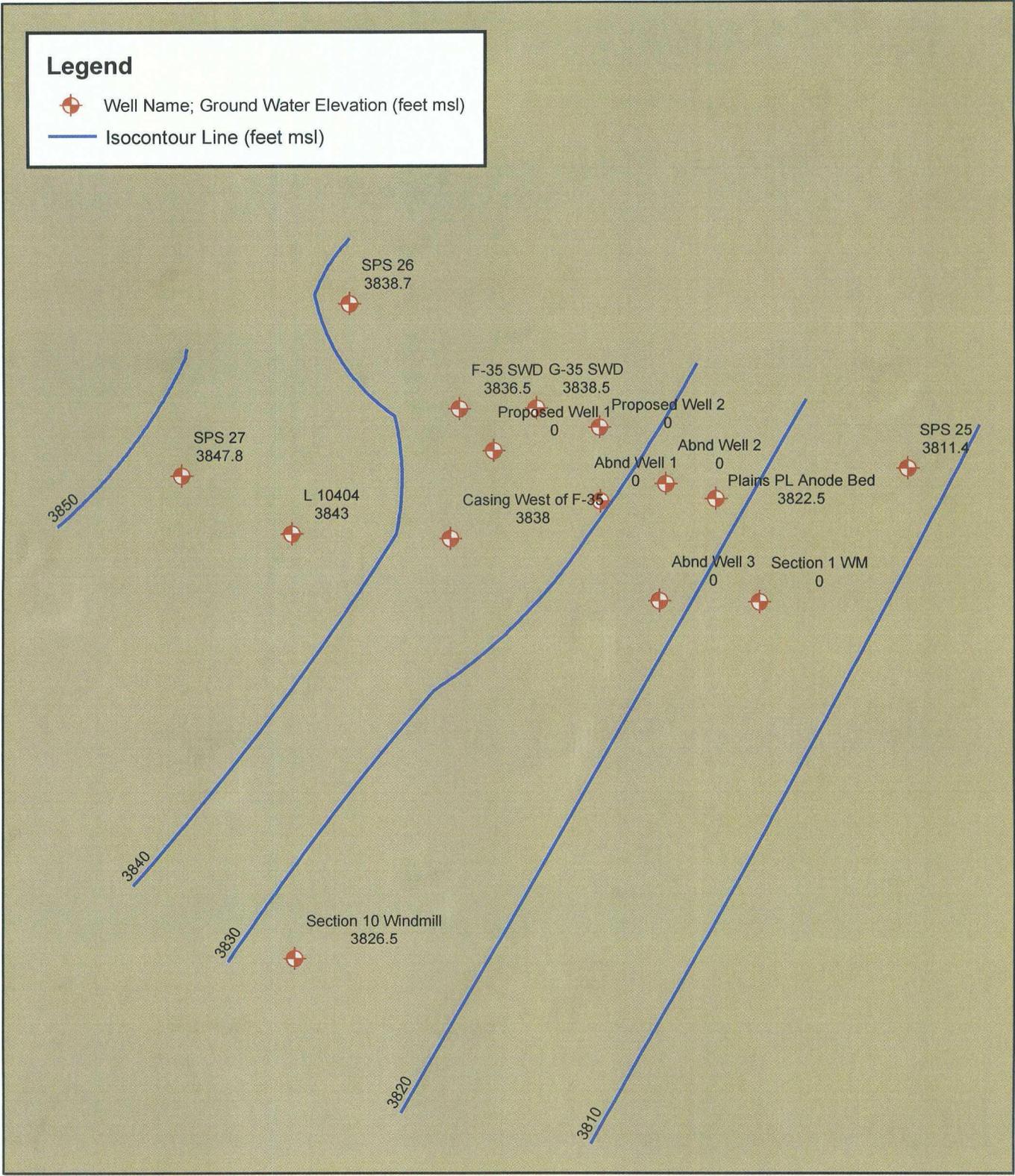
R.T. Hicks Consultants, Ltd  
 901 Rio Grande Blvd NW Suite F-142  
 Albuquerque, NM 87104  
 Ph: 505.266.5004

Potentiometric Surface Map (USGS 2001)  
 ROC: Stage 1 & 2 Abatement Plan G-35/F-35

Plate 4  
 Dec. 2005

**Legend**

-  Well Name; Ground Water Elevation (feet msl)
-  Isocontour Line (feet msl)



R.T. Hicks Consultants, Ltd  
 901 Rio Grande Blvd NW Suite F-142  
 Albuquerque, NM 87104  
 Ph: 505.266.5004

Local Potentiometric Surface Map  
 ROC: Stage 1 & 2 Abatement Plan G-35/F-35

Plate 5  
 Dec. 2005

Plate 6: G-35 Well Log

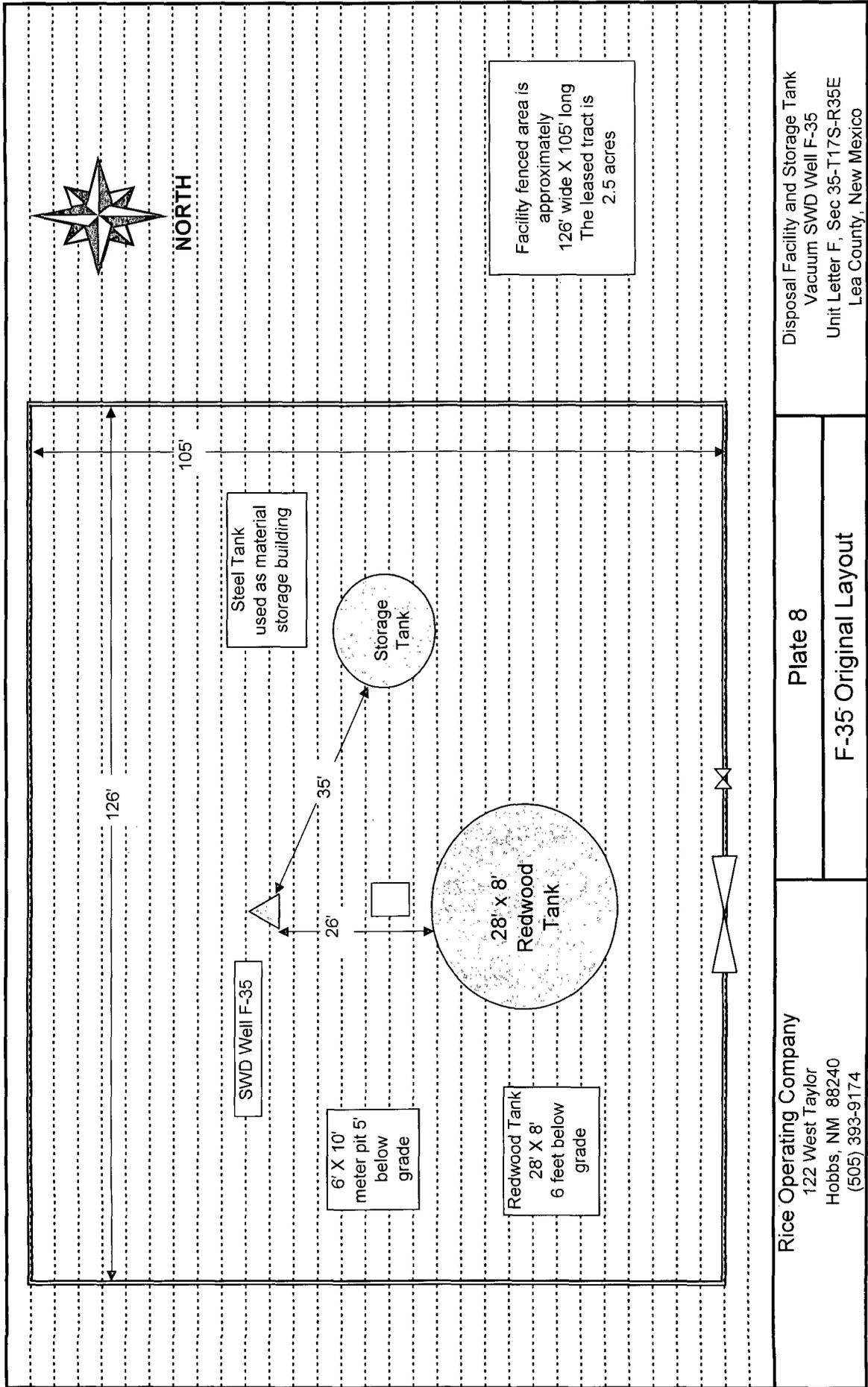
Logger:		Donnie Anderson; Fred Root		Client:		RICE Operating Company		Well ID:		MW-1			
Driller:		Eades Drilling & Pump Service		Project Name:		G-35 SWD							
Drilling Method:		Air Rotary		Location:		Vacuum SWD System							
Start Date:		1/10/2002		Sec. 35, T17S, R35E		Lea County, NM							
End Date:		1/10/2002											
Notes:		Well depth = 63 ft 2-inch casing											
Depth (feet)	Split Spoon chloride	PID	Description	Lithology	Well Construction								
0.0			0-2 ft Top Soil										
2.0													
4.0	400	strong odor	2-12 ft Caliche		bentonite plug								
6.0													
8.0													
10.0	500	strong odor											
12.0													
14.0	900	strong odor	12-18 ft Caliche & Sand										
16.0													
18.0													
20.0	1900	strong odor	18-21 ft Sandstone										
22.0													
24.0	1800	strong odor	21-63 ft Sand										
26.0													
28.0													
30.0	1900	strong odor											
32.0													
34.0	1300	strong odor											
36.0													
38.0													
40.0	1125	strong odor											
42.0													
44.0	900	strong odor											
46.0													
48.0													
50.0	175	strong odor			slotted screen								
52.0													
54.0	175	strong odor											
56.0													
58.0													
60.0													
61.0													
62.0													
63.0													

water sample  
taken on  
1/10/2002.  
568 ppm Cl  
1284 ppm TDS  
11 ppb Benzene

Plate 7: F-35 Well Log

Logger:		Donnie Anderson; Fred Root		Client:		RICE Operating Company		Well ID:		MW-1	
Driller:		Eades Drilling & Pump Service		Project Name:		F-35 SWD					
Drilling Method:		Air Rotary		Location:		Vacuum SWD System					
Start Date:		1/10/2002		Location:		Sec. 35, T17S, R35E					
End Date:		1/10/2002		Location:		Lea County, NM					
Notes:		Well depth = 63 ft; 2 inch casing									
Depth (feet)	Split Spoon chloride	PID	Description	Lithology	Well Construction						
0.0			0-2 ft Top Soil								
2.0											
4.0											
6.0			2-12 ft Caliche								
8.0											
10.0	190	strong odor									
12.0											
14.0			12-18 ft Caliche & Sand								
16.0	340	strong odor									
18.0											
20.0	290	strong odor	18-21 ft Sandstone								
22.0											
24.0											
26.0	630	strong odor									
28.0											
30.0	1260	strong odor									
32.0											
34.0											
36.0											
38.0											
40.0	1240	strong odor									
42.0											
44.0			21-63 ft Sand								
46.0											
48.0											
50.0	1070	strong odor									
52.0											
54.0											
56.0	490	strong odor									
58.0											
60.0											
61.0											
62.0											
63.0											

water sample taken on 1/10/2002.  
5200 ppm Cl  
9425 ppm TDS  
50 ppb Benzene

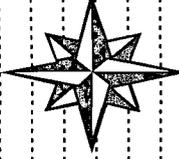


Rice Operating Company  
 122 West Taylor  
 Hobbs, NM 88240  
 (505) 393-9174

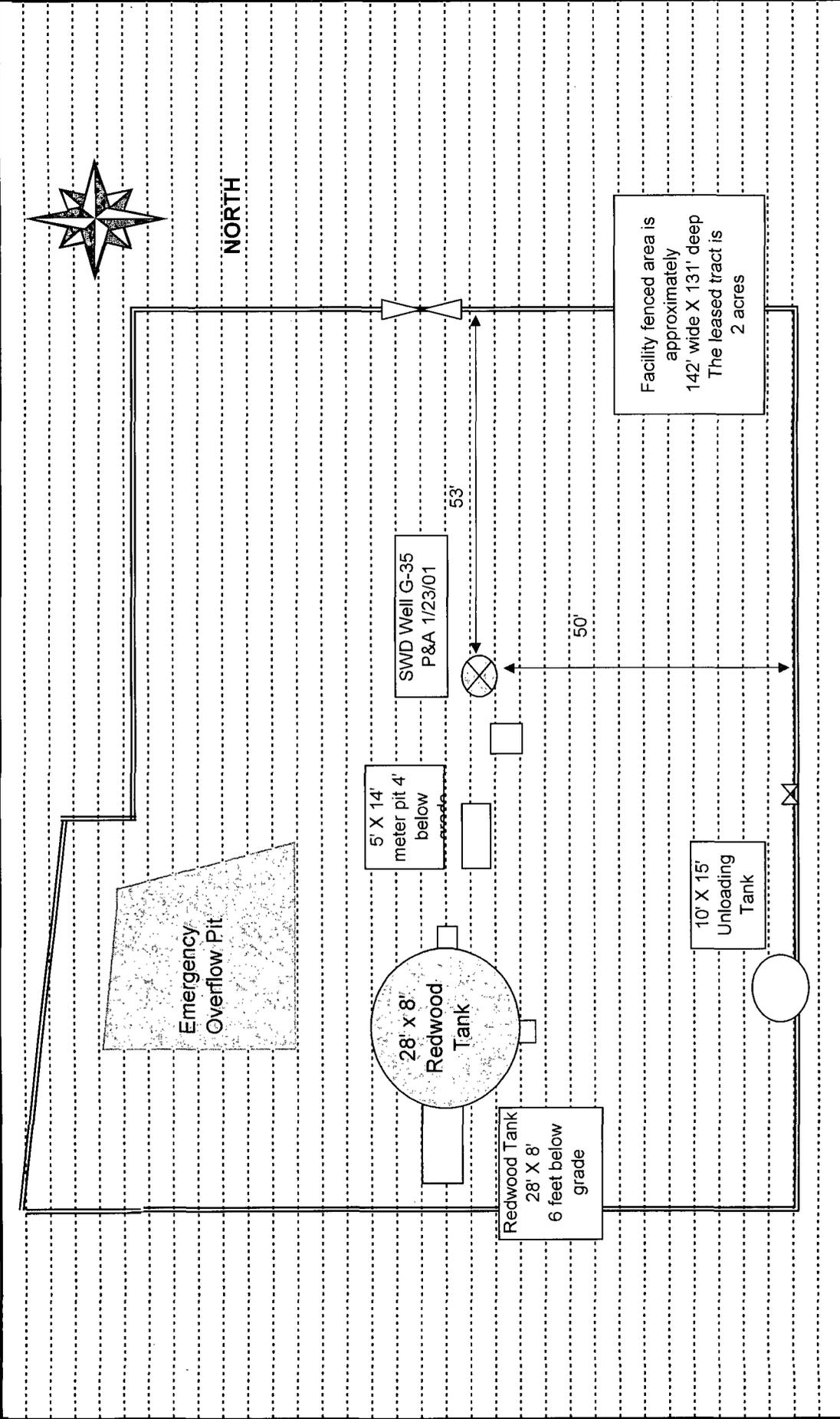
Plate 8

F-35 Original Layout

Disposal Facility and Storage Tank  
 Vacuum SWD Well F-35  
 Unit Letter F, Sec 35-T17S-R35E  
 Lea County, New Mexico



NORTH



Rice Operating Company  
 122 West Taylor  
 Hobbs, NM 88240  
 (505) 393-9174

Plate 9  
 G-35 Original Layout

Disposal Facility and Unloading Tank  
 VACUUM SWD Well G-35  
 Unit Letter G, Sec 35-T17S-R35E  
 Lea County, New Mexico

# RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240  
Phone: (505)393-9174 • Fax: (505) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7005 1820 0001 6804 7913

March 22, 2006

Mr. Wayne Price  
New Mexico Energy, Minerals, & Natural Resources  
Oil Conservation Division, Environmental Bureau  
1220 St. Francis Drive  
Santa Fe, New Mexico 87504

RE: Vacuum F-35 and G-35 SWD sites  
PUBLIC NOTIFICATIONS  
NMOCD CASE #1R0330 & 1R0332

Mr. Price:

In accordance with Rule 19 (Section 19.15.1.19 NMAC, Subsection G) Public Notice requirements, please accept the enclosed copies of proof that the appropriate individuals and entities were notified of the Stage 1 Abatement Plan submitted by the consulting firm of R.T. Hicks Consultants of Albuquerque for the Vacuum F-35 and G-35 sites.

Notices were sent via certified mail to landowners within the prescribed radius and return receipts were received for all landowners, indicating that the mailing was received. Mailings were also sent to the Lea County Commission and the list of Interested Parties found on the New Mexico Oil Conservation Division (OCD) website. Some mail deliveries could not be confirmed so the document was sent via electronic mail (e-mail) or by facsimile (fax) to the addresses provided on the list. Thirty-one total notifications were sent and only one was not delivered. The notification to Mike Schultz of the International Technology Corp. (from the OCD Interested Parties list) was return as "attempted—not known." Previous mailings to this address have been refused.

As directed by OCD, the Stage 1 Abatement Plan notifications were published in the *Albuquerque Journal* and the *Hobbs News-Sun* newspapers. Affidavits for these publications are enclosed.

ROC requests that OCD consider public notice complete for this site. Should you have any further questions regarding this request, do not hesitate to contact me. Thank you for your consideration.

ROC is the service provider (operator) for the Vacuum SWD System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. The Vacuum SWD System is in the process of abandonment.

RICE OPERATING COMPANY

A handwritten signature in black ink that reads "Kristin Farris Pope". The signature is written in a cursive, flowing style.

Kristin Farris Pope  
Project Scientist

enclosures: summary table of notifications,  
newspaper affidavits,  
return receipt copies,  
e-mail copies

cc: CDH, RTH, file, Daniel Sanchez (NMOCD),

Pat Caperton  
NMOCD, District 1 Office  
1625 N. French Drive  
Hobbs, NM 88240

STATE OF NEW MEXICO  
County of Bernalillo SS

Bill Tafoya, being duly sworn, declares and says that he is Classified Advertising Manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 28 day of Jan., 2006 and the subsequent consecutive publications on \_\_\_\_\_, 2006.

Sworn and subscribed to before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 30 day of Jan. of 2006

PRICE \$42.44

Statement to come at end of month.

ACCOUNT NUMBER 082274

CLA-22-A (R-1/93)



State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Frank Dr., Santa Fe, New Mexico 87501 Telephone (505) 476-3440:

hhRice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site located about 4.5 miles southeast of Buckeye, New Mexico in U Letters F and G, Section 3 T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1 & 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sealing of monitoring wells, (ii) prevent future impairment ground water quality due to residual chloride in the unsaturated zone and (iii) to restore groundwater quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or the Oil Conservation District Office, 1625 N. French Drive Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.  
Journal: January 28, 2006

AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of 1 weeks.

Beginning with the issue dated

January 28 2006

and ending with the issue dated

January 28 2006

Kathi Bearden  
Publisher

Sworn and subscribed to before

me this 30th day of

January 2006

[Signature]  
Notary Public.

My Commission expires  
February 07, 2009  
(Seal)



OFFICIAL SEAL  
DORA MONTZ  
NOTARY PUBLIC  
STATE OF NEW MEXICO

My Commission Expires: \_\_\_\_\_

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

**LEGAL NOTICE**  
Jsnuary 28, 2006

**NOTICE OF PUBLICATION**

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site, located about 4.5 miles southeast of Buckeye, New Mexico in Unit Letters F and G, Section 35, T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1 & 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sampling of monitoring wells, (ii) to prevent future impairment of ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m. Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.

#22082

01104367000      02581174  
RICE OPERATING COMPANY  
122 WEST TAYLOR  
HOBBS, NM 88240

# Vacuum F & G - 35

Unit 'F' & 'G', Sec. 35, T17S, R35E

Public Notice Mailings (1/24/2006)

Stage 1 & 2 Abatement Plan

	Landowner or Interested Party	Delivery Status			Comments
		Delivered US Mail	Delivered E-mail	Not Delivered	
1	Attorney General's Office P.O. Box 1508 Santa Fe, NM 87504	X			Return Receipt Received
2	Bruce S. Garber Attorney at Law P.O. Box 0850 Santa Fe, NM 87504-0850 Email: bsg@garbhall.com	X			Return Receipt Received
3	State Director Bureau of Land Management P.O. Box 27115 Santa Fe, NM 87502-0115	X			Return Receipt Received
4	Chief Groundwater Bureau Runnels Building Santa Fe, NM 87504 Email: Bill.Olsen@state.nm.us	X			Return Receipt Received
5	Chief Hazardous Waste Bureau Runnels Building Santa Fe, NM 87504 E-Mail: James.Bearzi@state.nm.us	X			Return Receipt Received
6	Gerald R. Zimmerman Colorado River Board of Calif. 770 Fairmont Ave. Ste 100 Glendale, CA 91203-1035 E-mail: jcc_crb@pacbell.net	X			Return Receipt Received
7	Jack A Barnett Colorado River Basin Ctrl. Forum 106 West 500 South Suite 101 Bountiful, UT 84010		X		E-mailed 3/20/2006
8	Department of Game & Fish Director Villagra Building Santa Fe, NM 87503	X			Return Receipt Received
9	Dr. Harry Bishara P.O. Box 748 Cuba, NM 78013	X			Return Receipt Received
10	Colin Adams Environmental Counsel Public Service Company of new Mexico 414 Silver, Southwest Albuquerque, NM 87158 Email: cadams@pnm.com	X			Return Receipt Received
11	Mike Schulz International Technology Corp. 5301 Central Avenue, NE, Suite 700 Albuquerque, NM 87108 E-mail: mschulz@theitgroup.com			X	Undeliverable mail, not able to forward

12	Jay Lazarus P.O. Box 5727 Santa Fe, NM 87502 E-mail: Lazarus@glorietageo.com	X			Return Receipt Received
13	Ken Marsh CRI P.O. Box 388 Hobbs, NM 88241 E-mail: ken@carihobbs.com	X			Return Receipt Received
14	Lee Wilson & Associates P.O. Box 931 Santa Fe, N.M. 87501 E-mail: lwa@lwasf.com	X			Return Receipt Received
15	Ned Kendrick Attorney at Law 325 Paseo de Peralta Santa Fe, NM 87501 E-mail: ekendrick@montand.com	X			Return Receipt Received
16	New Mexico Environment Department P.O. Box 26110 Santa Fe, NM 87504 E-mail: Cathy.Tyson@state.nm.us	X			Return Receipt Received
17	Lynn Brandvold NM Bureau of Mines & Mineral Resources NM Institute of Mining & Tech. Socorro, NM 87801	X			Return Receipt Received
18	NM Oil & Gas Association P.O. Box 1864 Santa Fe, NM 87504-1864	X			Return Receipt Received
19	Randy Hicks 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 E-mail: r@rthicksconsult.com	X			Return Receipt Received
20	Soil and Water Conservation Bureau New Mexico Department of Agriculture Agriculture Programs and Resources Division Box 30005/APR Las Cruces, NM 88003-8005	X			Return Receipt Received
21	Chris Shuey Southwest Research & Information Center P.O. Box 4524 Albuquerque, NM 87106 E-mail: sricdon@earthlink.net	X			Return Receipt Received
22	Ron Dutton Southwestern Public Service P.O. Box 1261 Amarillo, Texas 79170 E-mail: ron.dutton@xcelenergy.com	X			Return Receipt Received
23	Elmo Baca State Historic Preservation Officer 228 East palace Avenue Villa Rivera Room 101 Santa Fe, NM 87503		X		Faxed 3/20/2006
24	Director State Parks & Recreation 1220 S. St. Francis Santa Fe, NM 87505	X			Return Receipt Received

25	Field Supervisor US Fish & Wildlife Service 2105 Osuna Road, Northeast Albuquerque, NM 87113-1001	X			Return Receipt Received
26	Regional Forester USFS Regional Office 517 Gold Avenue SW Albuquerque, NM 87102 E-mail: cgarcia@fs.fed.us		X		Undeliverable mail, not able to forward; e-mailed 3/20/2006
27	State Engineer Water Resources Division Bataan Building Santa Fe, NM 87503	X			Return Receipt Received
28	William Turner New Mexico Trustee for Natural Resources C/O American Ground Water consultants 610 Gold St. SW, Suite 111 Albuquerque, NM 87102	X			Return Receipt Received
29	New Mexico State Land Office Gilbert Borrego P.O. Box 1148 Santa Fe, NM 87504 - 1148	X			Return Receipt Received
30	R.D. Lee Jr. P.O. Box 363 Lovington, NM 88260	X			Return Receipt Received
31	Lea County Administration Office Attn: Lue Ethridge 100 N Main Street, Suite 4 Lovington, NM 88260	X			Return Receipt Received
<b>TOTALS</b>		27	3	1	

**kpriceswd**

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**From:** "kpriceswd" <kpriceswd@valornet.com>  
**To:** <cgarcia@fs.fed.us>  
**Sent:** Monday, March 20, 2006 4:50 PM  
**Attach:** G&F-35\_Stage1&2PubNotice.doc  
**Subject:** Rule 19 Public Notice (F/G-35)

Regional Forester:

In accordance with the OCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received. Thank you.

Kristin Farris Pope  
Project Scientist  
RICE Operating Company  
Hobbs, New Mexico  
(505) 393-9174

3/20/2006

**kpriceswd**

---

**From:** "Christina M Garcia" <cgarcia@fs.fed.us>  
**To:** "kpriceswd" <kpriceswd@valornet.com>  
**Sent:** Tuesday, March 21, 2006 8:19 AM  
**Subject:** Rule 19 Public Notice (F/G-35)

Return Receipt

Your Rule 19 Public Notice (F/G-35)  
document:

was Christina M Garcia/R3/USDAFS  
received  
by:

at: 03/21/2006 08:19:35

\*\*\*\*\*  
 \*\*\* TX REPORT \*\*\*  
 \*\*\*\*\*

TRANSMISSION OK

TX/RX NO 1430  
 CONNECTION TEL 15058276338  
 SUBADDRESS  
 CONNECTION ID DCA HISTORIC PRE  
 ST. TIME 03/20 16:21  
 USAGE T 00'26  
 PGS. SENT 2  
 RESULT OK

122 West Taylor  
 Hobbs, NM 88240  
 Phone: (505) 393-9174  
 Fax: (505) 397-1471



# Fax

**To:** New Mexico Historic Preservation Div. **From:** Kristin Farris Pope

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**ATTN:** Elmo Baca, Preservation Officer **Date:** March 20, 2006

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**Fax:** (505) 827-6338 **Pages:** 2

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**Re:** New Mexico Oil Conservation Division

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Rule 19 Public Notice

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Urgent     For Review     Please Comment     Please Reply

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In accordance with the NMOCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received.

## **NOTICE OF PUBLICATION**

**State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division**

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site, located about 4.5 miles southeast of Buckeye, New Mexico in Unit Letters F and G, Section 35, T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1& 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sampling of monitoring wells, (ii) to prevent future impairment of ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.

**kpriceswd**

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**From:** "kpriceswd" <kpriceswd@valornet.com>  
**To:** <jbarnett@barnettwater.com>  
**Sent:** Monday, March 20, 2006 4:48 PM  
**Attach:** G&F-35\_Stage1&2PubNotice.doc  
**Subject:** Rule 19 Public Notice (F/G-35)

Jack Barnett:

In accordance with the OCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received. Thank you.

Kristin Farris Pope  
Project Scientist  
RICE Operating Company  
Hobbs, New Mexico  
(505) 393-9174

3/20/2006

# RICE

*Operating Compa*  
 122 West Taylor  
 Hobbs, NM 88240

7005 1820 0001 6804 3939

1350  
 0095 04-640 JAN 24 2006  
 5035



*Handwritten signature*

International Technology Corp.  
 Mike Schulz  
 5301 Central Avenue, NE Suite 700  
 Albuquerque, NM 87108

NIXIE

RETURN TO SENDER  
 ATTEMPTED - NOT KNOWN  
 UNABLE TO FORWARD  
 RETURN TO SENDER

2013 1 23 01/29/06

7005 1820 0001 6804 3939

PLACE STICKER AT TOP OF MAIL PIECE TO BE RETURNED TO SENDER. DO NOT REMOVE FROM MAIL PIECE.

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

International Technology Corp.  
 Mike Schulz  
 5301 Central Avenue, NE Suite 700  
 Albuquerque, NM 87108

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee

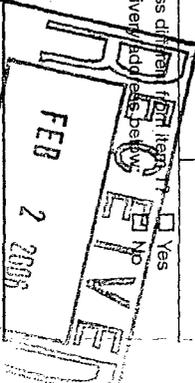
B. Received by (Printed Name)  Yes  No

C. Date of Delivery

D. Is delivery address different from address on envelope?  Yes  No  
 If YES, enter delivery address below

3. Service Type  
 Certified Mail  Registered  Insured Mail  Registered Mail  Registered Mail Restricted  Registered Mail Return Receipt for Merchandise  Registered Mail Restricted Return Receipt for Merchandise  Registered Mail Restricted Return Receipt for Merchandise  Registered Mail Restricted Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee)  Yes  No



International Technology Corp.  
 Mike Schulz  
 5301 Central Avenue, NE Suite 700  
 Albuquerque, NM 87108

Postage	\$ 39
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	4.04
Total Postage & Fees	\$ 9.64

**OFFICIAL USE**  
 For delivery information visit our website at www.usps.com  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only - No Insurance Coverage Provided)

2. Article Number  
 (Transfer from service label) 7005 1820 0001 6804 3939

PS Form 3811, February 2004 Domestic Return Receipt

102595-02-M-1540

# RICE Operating Compa

122 West Taylor  
Hobbs, NM 88240

7005 1820 0001 6804 4066

RECEIVED  
FEB 2 2006  
MAIL ROOM  
POSTAGE  
\$4.64  
JAN 24 2006  
8:32 AM

USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

INTENDED FOR THE ADDRESSEE ONLY  
DO NOT REMOVE THIS STICKER FROM THE FRONT OF THE MAILPIECE

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X  Agent

B. Received by (Printed Name)  Addressee

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below.

3. Service Type  
 Certified Mail  
 Registered  
 Insured Mail  
 Express Mail  
 Return Receipt for Matched  
 C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes  No

2. Article Number  
(Transfer from service)

7005 1820 0001 6804 4066

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**OFFICIAL USE**  
CERTIFIED MAIL™ RECEIPT  
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

Postage	\$ .39
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.64

Sent To: USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

Postmark: Hobbs NM 88240

PS Form 3811, February 2004  
 (Transfer from service label)  
 7005 1820 0001 6804 3953  
 102595-02-M-1540

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Attorney General's Office  
 PO BOX 1508  
 Santa Fe, NM 87504

2. Article Number: 7005 1820 0001 6804 3953

3. Service Type:  
 Certified Mail  
 Registered Mail  
 Return Receipt for Merchandise  
 Insured Mail  
 C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
 B. Received by (Printed Name): *[Name]*  
 C. Date of Delivery: *[Date]*  
 D. Is delivery address different from item 1?  Yes  No

1. Article Addressed to:  
 or on the front if space permits.  
 Attach this card to the back of the mailpiece, so that we can return the card to you.  
 Print your name and address on the reverse item 4. If Restricted Delivery is desired.  
 Complete items 1, 2, and 3. Also complete or on the front if space permits.

PS Form 3811, February 2004  
 (Transfer from service label)  
 7005 1820 0001 6804 3977  
 102595-02-M-15

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Colorado River Board of Calif.  
 Gerald R. Zimmerman  
 770 Fairmont Ave. Ste. 100  
 Glendale, CA 91203-1035

2. Article Number: 7005 1820 0001 6804 3923  
 (Transfer from service label)  
 PS Form 3811, February 2004  
 Domestic Return Receipt

3. Service Type:  
 Certified Mail  
 Registered Mail  
 Return Receipt for Merchandise  
 Insured Mail  
 C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
 B. Received by (Printed Name): *[Name]*  
 C. Date of Delivery: 01/27/06  
 D. Is delivery address different from item 1?  Yes  No

1. Article Addressed to:  
 Chief  
 Hazardous Waste Bureau  
 Runnels Building  
 Santa Fe, NM 87504

2. Article Number: 7005 1820 0001 6804 3977  
 (Transfer from service label)  
 PS Form 3811, February 2004  
 Domestic Return Receipt

3. Service Type:  
 Certified Mail  
 Registered Mail  
 Return Receipt for Merchandise  
 Insured Mail  
 C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
 B. Received by (Printed Name): *[Name]*  
 C. Date of Delivery: JAN 27 2006  
 D. Is delivery address different from item 1?  Yes  No

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM Bureau of Mines & Mineral Resources  
Lynn Brandvold  
NM Institute of Mining & Tech  
Socorro, NM 87801

Article Number  
Transfer from service label  
S Form 3811, February 2004

7005 1820 0001 6804 3793

Domestic Return Receipt

102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Lee Wilson & Associates  
PO BOX 931  
Santa Fe, NM 87501

Article Number  
Transfer from service label  
S Form 3811, February 2004

7005 1820 0001 6804 3892

Domestic Return Receipt

102595-02-M-15-10

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM State Land Office  
Gilbert Borrego  
PO BOX 1148  
Santa Fe, NM 87504-1148

Article Number  
Transfer from service label  
PS Form 3811, February 2004

7005 1820 0001 6804 5025

Domestic Return Receipt

102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Randy Hicks  
901 Rio Grande Blvd NW Suite F-142  
Albuquerque, NM 87104

Article Number  
Transfer from service label  
PS Form 3811, February 2004

7005 1820 0001 6804 3809

Domestic Return Receipt

102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
New Mexico Environmental Department  
Secretary  
PO BOX 26110  
Santa Fe, NM 87501

Article Number: 7005 1820 0001 6804 3915  
Transfer from service: PS Form 3811, February 2004  
Domestic Return Receipt: 102595-02-M-15-10

**RECEIVER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
State Parks & Recreation  
Director  
1220 S St Francis  
Santa Fe, NM 87505

Article Number: 7005 1820 0001 6804 4059  
Transfer from service: PS Form 3811, February 2004  
Domestic Return Receipt: 102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
B. Received by (Printed Name):  
C. Date of Delivery: 1/26/04  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type:  Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
B. Received by (Printed Name):  
C. Date of Delivery: 1/26/04  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type:  Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

1. Article Addressed to:  
Environmental Counsel ATTN: Colin Adams  
Public Service Company of NM  
414 Silver, Southwest  
Albuquerque, NM 87158

Article Number: 7005 1820 0001 6804 3885  
Transfer from service: PS Form 3811, February 2004  
Domestic Return Receipt: 102595-02-M-15-10

**SENDER COMPLETE THIS SECTION**

1. Article Addressed to:  
Bureau of Land Management  
State Director  
PO BOX 27115  
Santa Fe, NM 87502-0115

Article Number: 7005 1820 0001 6804 3960  
Transfer from service: PS Form 3811, February 2004  
Domestic Return Receipt: 102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
B. Received by (Printed Name):  
C. Date of Delivery: 1/26/04  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type:  Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  
B. Received by (Printed Name):  
C. Date of Delivery: 1/26/04  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type:  Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER! COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Southwest Research & Information Center

Chris Shuey

PO BOX 4524

Albuquerque, NM 87106

Article Number 7005 1820 0001 6804 4004  
(Transfer from serv)

S Form 3811, February 2004

Domestic Return Receipt

102595-02-14-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *Chris Shuey*  Agent  Addressee

B. Received by (Printed Name) *Chris Shuey*  C. Date of Delivery *1/13/06*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  Certified Mail  Express Mail  Registered  Return Receipt for Merchandise  Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER! COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Ned Kendrick

Attorney at Law

325 Paseo de Perilla

Santa Fe, NM 87501

Article Number 7005 1820 0001 6804 3904  
(Transfer from serv)

S Form 3811, February 2004

Domestic Return Receipt

102595-02-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *Ned Kendrick*  Agent  Addressee

B. Received by (Printed Name) *Ned Kendrick*  C. Date of Delivery *1/13/06*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  Certified Mail  Express Mail  Registered  Return Receipt for Merchandise  Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER! COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

US Fish & Wildlife Service

Field Supervisor

2105 Osuna Road, Northeast

Albuquerque, NM 87113-1001

Article Number 7005 1820 0001 6804 4028  
(Transfer from service la)

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-14-15

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *Walter R. Rasmussen*  Agent  Addressee

B. Received by (Printed Name) *Walter R. Rasmussen*  C. Date of Delivery *1/13/06*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  Certified Mail  Express Mail  Registered  Return Receipt for Merchandise  Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER! COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

R.D. Lee Jr

PO BOX 363

Lovington, NM 88260

Article Number 7005 1820 0001 6804 5490  
(Transfer from service label)

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-14-1

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *R.D. Lee Jr*  Agent  Addressee

B. Received by (Printed Name) *R.D. Lee Jr*  C. Date of Delivery *1/13/06*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  Certified Mail  Express Mail  Registered  Return Receipt for Merchandise  Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Kan Marsh  
201 BOX 388  
Lobbs, NM 88241

Article Number: 7005 1820 0001 6804 3946  
Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**RECEIVER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Soil & Water Conservation Bureau  
NM Dept of Agriculture/Ag Programs & Res  
BOX 30005/APR  
Las Cruces, NM 88003-8005

Article Number: 7005 1820 0001 6804 3847  
Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  Agent  Addressee

B. Received by (Printed Name): *[Name]* C. Date of Delivery: *[Date]*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  Agent  Addressee

B. Received by (Printed Name): *[Name]* C. Date of Delivery: *[Date]*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Dr. Harry Bishara  
PO BOX 748  
Cuba, NM 87013

Article Number: 7005 1820 0001 6804 3922  
Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Lea County Administration Office  
Attn: Lue Ethridge  
100 N Main Street, Suite 4  
Lovington, NM 88260

Article Number: 7005 1820 0001 6804 4080  
Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  Agent  Addressee

B. Received by (Printed Name): *[Name]* C. Date of Delivery: *[Date]*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature: *[Signature]*  Agent  Addressee

B. Received by (Printed Name): *[Name]* C. Date of Delivery: *[Date]*

D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**RECEIVER'S SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Department of Game & Fish  
Director  
Mileage Building  
Santa Fe, NM 87503

Article Number  
(Transfer from service)  
Form 3811, February 2004

7005 1820 0001 6804 386L

Domestic Return Receipt

102595-02-M-1540

**RECEIVER'S SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Chief  
Groundwater Bureau  
Cummings Building  
Santa Fe, NM 87504

Article Number  
(Transfer from service)  
Form 3811, February 2004

7005 1820 0001 6804 3830

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER'S SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM Oil & Gas Association  
PO BOX 1864  
Santa Fe, NM 87504-1864

Article Number  
(Transfer from service)  
Form 3811, February 2004

7005 1820 0001 6804 387B

Domestic Return Receipt

102595-02-M-1540

**SENDER'S SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Jay Lazarus  
PO BOX 5727  
Santa Fe, NM 87502

Article Number  
(Transfer from service)  
Form 3811, February 2004

7005 1820 0001 6804 390B

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Bruce S. Garber  
Attorney at Law  
PO BOX 0850  
Albany, NM 87504-0850



**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*Bruce S. Garber*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*Bruce S. Garber* *2/18/04*  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number  
*7005 1820 0001 6804 3816*  
*(Transfer from seal)*

3 Form 3811, February 2004 Domestic Return Receipt

102595-02-N-1540

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Water Resources Division  
State Engineer  
Bataan Building  
Santa Fe, NM 87503

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number  
*7005 1820 0001 6804 4035*  
*(Transfer from service label)*

3 Form 3811, February 2004 Domestic Return Receipt

102595-02-N-1540

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

William Turner NM Trustee for Natural Resources  
C/O American Ground Water Consultants  
610 Gold St. SW, Suite 111  
Albuquerque, NM 87102

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*William Turner*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*William Turner* *2/18/04*  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
*7005 1820 0001 6804 4073*  
*(Transfer from service label)*

PS Form 3811, February 2004 Domestic Return Receipt

102595-02-N-1540

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Southwestern Public Service  
Ron Dutton  
PO BOX 1261  
Amarillo, TX 79170

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*[Signature]* *2/18/04*  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
*7005 1820 0001 6804 4042*  
*(Transfer from service label)*

PS Form 3811, February 2004 Domestic Return Receipt

102595-02-N-1540

STATE OF NEW MEXICO

**DEPARTMENT OF GAME & FISH**  
**Conservation Services Division**  
**One Wildlife Way**  
**Santa Fe, New Mexico 87501**

(505) 476-8101

Fax # (505) 476-8128

**FAX TRANSMITTAL COVER SHEET**

**TO:** *Ed Martin*

**COMPANY:** *OCD*

**FAX #** *476-3462*

**DATE:** *2 March 2006*

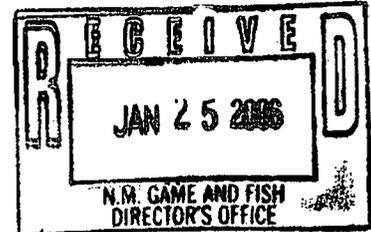
**FROM:** *Rachel Jankowitz*

**PAGES (including cover sheet):** *2*

---

**Message:**

**Here is the Notice I called about earlier. The location is in sand dune lizard range, near occupied habitat. Sand dune lizard is a state endangered species and federal candidate for listing. The information we are looking for is whether the project (or any associated disturbance) would be within a shinnery oak sand dune cover type. If so it is potential lizard habitat and we may propose specific practices to mitigate adverse impact from the proposed abatement activities.**

*Noted  
FYI CSD*

## NOTICE OF PUBLICATION

**State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division**

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87504, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 Abatement Plan for the M-9 SWD site, EME Salt Water Disposal System, located 3 miles south of Monument, NM in the SW 1/4, SW 1/4 of Section 9, Township 20 South, Range 37 East, Lea County, New Mexico. Rice Operating Company operates a saltwater disposal system at the site. Chlorides and total dissolved solids have been observed in the ground water and remedial efforts have been ongoing since discovery. The Stage 1 Abatement Plan addresses further proposed actions for site closure.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.

# RICE Operating Company

122 West Taylor • Hobbs, New Mexico 88240  
Phone: (505)393-9174 • Fax: (505) 397-1471

2006 MAR 27 PM 12:17

CERTIFIED MAIL  
RETURN RECEIPT NO. 7005 1820 0001 6804 7913

COPY

March 22, 2006

Mr. Wayne Price  
New Mexico Energy, Minerals, & Natural Resources  
Oil Conservation Division, Environmental Bureau  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87504

RE: Vacuum F-35 and G-35 SWD sites  
PUBLIC NOTIFICATIONS  
NMOCD CASE #1R0330 & 1R0332

Mr. Price:

In accordance with Rule 19 (Section 19.15.1.19 NMAC, Subsection G) Public Notice requirements, please accept the enclosed copies of proof that the appropriate individuals and entities were notified of the Stage 1 Abatement Plan submitted by the consulting firm of R.T. Hicks Consultants of Albuquerque for the Vacuum F-35 and G-35 sites.

Notices were sent via certified mail to landowners within the prescribed radius and return receipts were received for all landowners, indicating that the mailing was received. Mailings were also sent to the Lea County Commission and the list of Interested Parties found on the New Mexico Oil Conservation Division (OCD) website. Some mail deliveries could not be confirmed so the document was sent via electronic mail (e-mail) or by facsimile (fax) to the addresses provided on the list. Thirty-one total notifications were sent and only one was not delivered. The notification to Mike Schultz of the International Technology Corp. (from the OCD Interested Parties list) was return as "attempted—not known." Previous mailings to this address have been refused.

As directed by OCD, the Stage 1 Abatement Plan notifications were published in the *Albuquerque Journal* and the *Hobbs News-Sun* newspapers. Affidavits for these publications are enclosed.

ROC requests that OCD consider public notice complete for this site. Should you have any further questions regarding this request, do not hesitate to contact me. Thank you for your consideration.

ROC is the service provider (operator) for the Vacuum SWD System and has no ownership of any portion of the pipeline, well, or facility. The System is owned by a consortium of oil producers, System Partners, who provide all operating capital on a percentage ownership/usage basis. The Vacuum SWD System is in the process of abandonment.

RICE OPERATING COMPANY

A handwritten signature in cursive script that reads "Kristin Farris Pope".

Kristin Farris Pope  
Project Scientist

enclosures: summary table of notifications,  
newspaper affidavits,  
return receipt copies,  
e-mail copies

cc: CDH, RTH, file, Daniel Sanchez (NMOCD),

Pat Caperton  
NMOCD, District I Office  
1625 N. French Drive  
Hobbs, NM 88240

AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of 1 weeks.

Beginning with the issue dated January 28 2006 and ending with the issue dated January 28 2006

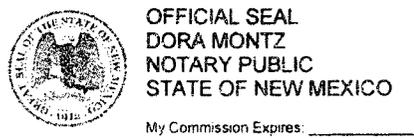
Kathi Bearden  
Publisher

Sworn and subscribed to before me this 30th day of

January 2006

Dora Montz  
Notary Public.

My Commission expires February 07, 2009  
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

**LEGAL NOTICE**  
January 28, 2006

**NOTICE OF PUBLICATION**

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site, located about 4.5 miles southeast of Buckeye, New Mexico in Unit Letters F and G, Section 35, T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1 & 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sampling of monitoring wells, (ii) to prevent future impairment of ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m. Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him. #22082

01104367000      02581174  
RICE OPERATING COMPANY  
122 WEST TAYLOR  
HOBBS, NM 88240

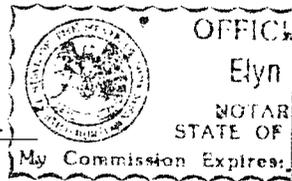
STATE OF NEW MEXICO  
County of Bernalillo SS

Bill Tafoya, being duly sworn, declares and says that he is Classified Advertising Manager of **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made of assessed as court cost; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 28 day of Jan, 2006 and the subsequent consecutive publications on \_\_\_\_\_, 2006.

B. Tafoya  
Sworn and subscribed to before me, a Notary Public, in and for the County of Bernalillo and State of New Mexico this 30 day of Jan, of 2006

PRICE \$42.44  
Statement to come at end of month.  
ACCOUNT NUMBER 082274

CLA-22-A (R-1/93)



State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87501 Telephone (505) 476-3440:

hhRice Operating Company Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site located about 4.5 miles southeast of Buckeye, New Mexico in U Letters F and G, Section 3 T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1 & 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sealing of monitoring wells, (ii) prevent future impairment ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or the Oil Conservation Division District Office, 1625 N. French Drive Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.  
Journal: January 28, 2006

# Vacuum F & G - 35

Unit 'F' & 'G', Sec. 35, T17S, R35E

Public Notice Mailings (1/24/2006)

Stage 1 & 2 Abatement Plan

	Landowner or Interested Party	Delivery Status			Comments
		Delivered US Mail	Delivered E-mail	Not Delivered	
1	Attorney General's Office P.O. Box 1508 Santa Fe, NM 87504	X			Return Receipt Received
2	Bruce S. Garber Attorney at Law P.O. Box 0850 Santa Fe, NM 87504-0850 Email: bsg@garbhall.com	X			Return Receipt Received
3	State Director Bureau of Land Management P.O. Box 27115 Santa Fe, NM 87502-0115	X			Return Receipt Received
4	Chief Groundwater Bureau Runnels Building Santa Fe, NM 87504 Email: Bill.Olsen@state.nm.us	X			Return Receipt Received
5	Chief Hazardous Waste Bureau Runnels Building Santa Fe, NM 87504 E-Mail: James.Bearzi@state.nm.us	X			Return Receipt Received
6	Gerald R. Zimmerman Colorado River Board of Calif. 770 Fairmont Ave. Ste 100 Glendale, CA 91203-1035 E-mail: jcc_crb@pacbell.net	X			Return Receipt Received
7	Jack A Barnett Colorado River Basin Ctrl. Forum 106 West 500 South Suite 101 Bountiful, UT 84010		X		E-mailed 3/20/2006
8	Department of Game & Fish Director Villagra Building Santa Fe, NM 87503	X			Return Receipt Received
9	Dr. Harry Bishara P.O. Box 748 Cuba, NM 78013	X			Return Receipt Received
10	Colin Adams Environmental Counsel Public Service Company of new Mexico 414 Silver, Southwest Albuquerque, NM 87158 Email: cadams@pnm.com	X			Return Receipt Received
11	Mike Schulz International Technology Corp. 5301 Central Avenue, NE, Suite 700 Albuquerque, NM 87108 E-mail: mschulz@theitgroup.com			X	Undeliverable mail, not able to forward

12	Jay Lazarus P.O. Box 5727 Santa Fe, NM 87502 E-mail: Lazarus@glorietageo.com	X			Return Receipt Received
13	Ken Marsh CRI P.O. Box 388 Hobbs, NM 88241 E-mail: ken@carihobbs.com	X			Return Receipt Received
14	Lee Wilson & Associates P.O. Box 931 Santa Fe, N.M. 87501 E-mail: lwa@lwasf.com	X			Return Receipt Received
15	Ned Kendrick Attorney at Law 325 Paseo de Peralta Santa Fe, NM 87501 E-mail: ekendrick@montand.com	X			Return Receipt Received
16	New Mexico Environment Department P.O. Box 26110 Santa Fe, NM 87504 E-mail: Cathy.Tyson@state.nm.us	X			Return Receipt Received
17	Lynn Brandvold NM Bureau of Mines & Mineral Resources NM Institute of Mining & Tech. Socorro, NM 87801	X			Return Receipt Received
18	NM Oil & Gas Association P.O. Box 1864 Santa Fe, NM 87504-1864	X			Return Receipt Received
19	Randy Hicks 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 E-mail: r@rthicksconsult.com	X			Return Receipt Received
20	Soil and Water Conservation Bureau New Mexico Department of Agriculture Agriculture Programs and Resources Division Box 30005/APR Las Cruces, NM 88003-8005	X			Return Receipt Received
21	Chris Shuey Southwest Research & Information Center P.O. Box 4524 Albuquerque, NM 87106 E-mail: sricdon@earthlink.net	X			Return Receipt Received
22	Ron Dutton Southwestern Public Service P.O. Box 1261 Amarillo, Texas 79170 E-mail: ron.dutton@xcelenergy.com	X			Return Receipt Received
23	Elmo Baca State Historic Preservation Officer 228 East palace Avenue Villa Rivera Room 101 Santa Fe, NM 87503		X		Faxed 3/20/2006
24	Director State Parks & Recreation 1220 S. St. Francis Santa Fe, NM 87505	X			Return Receipt Received

25	Field Supervisor US Fish & Wildlife Service 2105 Osuna Road, Northeast Albuquerque, NM 87113-1001	X			Return Receipt Received
26	Regional Forester USFS Regional Office 517 Gold Avenue SW Albuquerque, NM 87102 E-mail: cgarcia@fs.fed.us		X		Undeliverable mail, not able to forward; e-mailed 3/20/2006
27	State Engineer Water Resources Division Bataan Building Santa Fe, NM 87503	X			Return Receipt Received
28	William Turner New Mexico Trustee for Natural Resources C/O American Ground Water consultants 610 Gold St. SW, Suite 111 Albuquerque, NM 87102	X			Return Receipt Received
29	New Mexico State Land Office Gilbert Borrego P.O. Box 1148 Santa Fe, NM 87504 - 1148	X			Return Receipt Received
30	R.D. Lee Jr. P.O. Box 363 Lovington, NM 88260	X			Return Receipt Received
31	Lea County Administration Office Attn: Lue Ethridge 100 N Main Street, Suite 4 Lovington, NM 88260	X			Return Receipt Received
<b>TOTALS</b>		27	3	1	

**kpriceswd**

---

**From:** "kpriceswd" <kpriceswd@valornet.com>  
**To:** <jbarnett@barnettwater.com>  
**Sent:** Monday, March 20, 2006 4:48 PM  
**Attach:** G&F-35\_Stage1&2PubNotice.doc  
**Subject:** Rule 19 Public Notice (F/G-35)

Jack Barnett:

In accordance with the OCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received. Thank you.

Kristin Farris Pope  
Project Scientist  
RICE Operating Company  
Hobbs, New Mexico  
(505) 393-9174

3/20/2006

**kpriceswd**

---

**From:** "kpriceswd" <kpriceswd@valornet.com>  
**To:** <cgarcia@fs.fed.us>  
**Sent:** Monday, March 20, 2006 4:50 PM  
**Attach:** G&F-35\_Stage1&2PubNotice.doc  
**Subject:** Rule 19 Public Notice (F/G-35)

Regional Forester:

In accordance with the OCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received. Thank you.

Kristin Farris Pope  
Project Scientist  
RICE Operating Company  
Hobbs, New Mexico  
(505) 393-9174

3/20/2006

**kpriceswd**

---

**From:** "Christina M Garcia" <cgarcia@fs.fed.us>  
**To:** "kpriceswd" <kpriceswd@valornet.com>  
**Sent:** Tuesday, March 21, 2006 8:19 AM  
**Subject:** Rule 19 Public Notice (F/G-35)

Return Receipt

Your Rule 19 Public Notice (F/G-35)  
document:

was Christina M Garcia/R3/USDAFS  
received  
by:

at: 03/21/2006 08:19:35

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO 1430  
CONNECTION TEL 15058276338  
SUBADDRESS  
CONNECTION ID DCA HISTORIC PRE  
ST. TIME 03/20 16:21  
USAGE T 00'26  
PGS. SENT 2  
RESULT OK

122 West Taylor  
Hobbs, NM 88240  
Phone: (505) 393-9174  
Fax: (505) 397-1471



# Fax

**To:** New Mexico Historic Preservation Div. **From:** Kristin Farris Pope  
**ATTN:** Elmo Baca, Preservation Officer **Date:** March 20, 2006  
**Fax:** (505) 827-6338 **Pages:** 2  
**Re:** New Mexico Oil Conservation Division  
Rule 19 Public Notice

Urgent  For Review  Please Comment  Please Reply

In accordance with the NMOCD Rule 19 Public Notice requirements, please find the attached public notification document. This document was originally mailed to you on January 24, 2006 but a return receipt was not received.

## **NOTICE OF PUBLICATION**

**State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division**

Notice is hereby given that pursuant to New Mexico Oil Conservation Division Regulations, the following Stage 1 Abatement Plan Proposal has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Rice Operating Company, Carolyn Doran Haynes, Engineering Manager, Telephone (505) 393-9174, 122 West Taylor, Hobbs, New Mexico 88240, has submitted a Stage 1 & 2 Abatement Plan for the F-35/G-35 site, located about 4.5 miles southeast of Buckeye, New Mexico in Unit Letters F and G, Section 35, T17S, R35E, Lea County, New Mexico. Concentrations of chloride, total dissolved solids and petroleum hydrocarbons are above New Mexico ground water standards at monitoring wells at each location. The Stage 1 & 2 Abatement Plan describes the proposed measures: (i) to define the extent of the ground water impairment through the installation and sampling of monitoring wells, (ii) to prevent future impairment of ground water quality due to residual chloride in the unsaturated zone and (iii) to restore ground water quality through the installation of a point-of-use water treatment system combined with natural restoration.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The Stage 1 Abatement Plan Revision Proposal may be viewed at the above address or at the Oil Conservation Division District Office, 1625 N. French Drive, Hobbs, New Mexico 88240, Telephone (505) 393-6161 between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed Stage 1 Abatement Plan, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which written comments may be submitted to him.

# RICE Operating Company

122 West Taylor  
Hobbs, NM 88240

7005 1820 0001 6804 3939

1250  
0995 04-640 JAN 24 2006  
5036



*Handwritten signature*

International Technology Corp.  
Mike Schulz  
5301 Central Avenue, NE Suite 700  
Albuquerque, NM 87108

NIXIE

RETURN TO SENDER  
ATTEMPTED - NOT KNOWN  
UNABLE TO FORWARD  
RETURN TO SENDER

Undeliverable as Addressed  
 Mailed List No Address  
 Return to Sender  
 No Stamp  
 No Signature

2013 1 23 01/29/06  
7005 1820 0001 6804 3939

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

International Technology Corp.  
Mike Schulz  
5301 Central Avenue, NE Suite 700  
Albuquerque, NM 87108

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature   Agent  Addressee
- B. Received by (Printed Name)   Addressee
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below

- 3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.
- 4. Restricted Delivery? (Extra Fee)  Yes  No

VAC

2. Article Number  
7005 1820 0001 6804 3939

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

International Technology Corp.  
Mike Schulz  
5301 Central Avenue, NE Suite 700  
Albuquerque, NM 87108

Postage	\$ 39
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.64



**OFFICIAL USE**  
US POSTAL SERVICE  
CERTIFIED MAIL RECEIPT  
(Domestic Mail Only - Insurance Coverage Provided)  
For delivery information visit our website at www.usps.com

# RICE Operating Compa

122 West Taylor  
Hobbs, NM 88240

7005 1820 0001 6804 4056

TABLE  
ED 1720  
FORM 3811  
5047



USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

POSTAGE WILL BE PAID BY ADDRESSEE  
NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

**SENDER, COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  Addressed
- B. Received by (Printed Name)  Date of Delivery
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below
3. Service Type  
 Certified Mail  
 Registered  
 Insured Mail  
 Express Mail  
 Return Receipt for Merchandise  
 C.O.D.  
 Restricted Delivery? (Extra Fee)  Yes

2. Article Number  
(Transfer from service)

7005 1820 0001 6804 4056

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

**OFFICIAL USE**

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only - No Insurance Coverage Provided)

Postage	\$ 39
Certified Fee	2.40
Return Receipt Fee (Endorsement Required)	1.85
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.64

Sent To: USFS Regional Office  
Regional Forester  
517 Gold Avenue SW  
Albuquerque, NM 87102

PS Form 3811, February 2004  
See Reverse for Instructions

Postmark: JAN 2006  
HOBBS NM 88240 USPS

RECEIVED  
FEB 2 2006  
RICE OPERATING  
HOBBS, NM

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Attach this card to the back of the mailpiece, or on the front if space permits.  
 Print your name and address on the reverse so that we can return the card to you.  
 Attach this card to the back of the mailpiece, or on the front if space permits.

2. Article Addressed to:  
 Santa Fe, NM 87504  
 PO BOX 1508  
 Attorney General's Office

3. Service Type  
 Certified Mail  
 Express Mail  
 Registered  
 Insured Mail  
 C.O.D.  
 Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

A. Signature *HT*  
 B. Received by (Printed Name)  
 C. Date of Delivery

**COMPLETE THIS SECTION ON DELIVERY**

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Attach this card to the back of the mailpiece, or on the front if space permits.  
 Print your name and address on the reverse so that we can return the card to you.  
 Attach this card to the back of the mailpiece, or on the front if space permits.

2. Article Addressed to:  
 Colorado River Board of Calif.  
 Gerald R. Zimmerman  
 770 Fairmont Ave, Ste. 100  
 Glendale, CA 91203-1035

3. Service Type  
 Certified Mail  
 Registered  
 Insured Mail  
 C.O.D.  
 Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

A. Signature  
 B. Received by (Printed Name)  
 C. Date of Delivery

**COMPLETE THIS SECTION ON DELIVERY**

**SENDER - COMPLETE THIS SECTION**

1. Article Addressed to:  
 Attach this card to the back of the mailpiece, or on the front if space permits.  
 Print your name and address on the reverse so that we can return the card to you.  
 Attach this card to the back of the mailpiece, or on the front if space permits.

2. Article Addressed to:  
 Chief  
 Hazardous Waste Bureau  
 Runnels Building  
 Santa Fe, NM 87504

3. Service Type  
 Certified Mail  
 Registered  
 Insured Mail  
 C.O.D.  
 Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee)  
 Yes  
 No

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

A. Signature  
 B. Received by (Printed Name)  
 C. Date of Delivery

**COMPLETE THIS SECTION ON DELIVERY**

**RECIPIENT COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM Bureau of Mines & Mineral Resource  
Lynn Brandford  
NM Institute of Mining & Tech  
Socorro, NM 87801

Article Number

7005 1820 0001 6804 3793

Form 3811, February 2004

**RECIPIENT COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Lee Wilson & Associates  
PO BOX 931  
Santa Fe, NM 87501

Article Number

7005 1820 0001 6804 3892

Form 3811, February 2004

**RECIPIENT COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

Signature: Lynn Brandford  
Date: 2/20/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

102595-02-M-15-10

**RECIPIENT COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

Signature: Alice Royal  
Date: 2/20/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

102595-02-M-15-10

**RECIPIENT COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM State Land Office  
Gilbert Borrego  
PO BOX 1148  
Santa Fe, NM 87504-1148

Article Number

7005 1820 0001 6804 5025

**RECIPIENT COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Randy Hicks  
901 Rio Grande Blvd NW Suite F-142  
Albuquerque, NM 87104

Article Number

7005 1820 0001 6804 3809

Form 3811, February 2004

**RECIPIENT COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

Signature: Randy Hicks  
Date: 2/20/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

102595-02-M-1

**RECIPIENT COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

Signature: Randy Hicks  
Date: 2/20/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

102595-02-M-1

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

New Mexico Environmental Department  
Secretary  
PO BOX 26110  
Santa Fe, NM 87504

Article Number  
(Transfer from service 1)

7005 1820 0001 6804 3915

S Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15-10

**SENDER COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

State Parks & Recreation  
Director  
1220 S St Francis  
Santa Fe, NM 87505

Article Number  
(Transfer from service 1)

7005 1820 0001 6804 4059

S Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

*[Handwritten Signature]*  
1/23/04  
1220 S St Francis

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

*[Handwritten Signature]*  
1/23/04  
1220 S St Francis

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
2. Print your name and address on the reverse so that we can return the card to you.  
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Environmental Counsel ATTN: Colin Adams  
Public Service Company of NM  
414 Silver, Southwest  
Albuquerque, NM 87158

Article Number  
(Transfer from service 1)

7005 1820 0001 6804 3885

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15-10

**SENDER COMPLETE THIS SECTION**

1. Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
Print your name and address on the reverse so that we can return the card to you.  
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Bureau of Land Management  
State Director  
PO BOX 27115  
Santa Fe, NM 87502-0115

Article Number  
(Transfer from service 1)

7005 1820 0001 6804 3960

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-15-10

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

*[Handwritten Signature]*  
1/23/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

*[Handwritten Signature]*  
1/23/04

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Southwest Research & Information Center  
Chris Shuey  
PO BOX 4524  
Albuquerque, NM 87106

Article Number  
*(Transfer from serv)*  
S Form 3811, February 2004

7005 1820 0001 6804 4004

Domestic Return Receipt

102595-02-M-1540

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Ned Kendrick  
Attorney at Law  
325 Paseo de Perahita  
Santa Fe, NM 87501

Article Number  
*(Transfer from serv)*  
S Form 3811, February 2004

7005 1820 0001 6804 3904

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *C. K. C.*  Agent  Addressee  
B. Received by (Printed Name) *Chris Shuey*  C. Date of Delivery *1/16/06*  
D. Is delivery address different from item 1?  No  
If YES, enter delivery address below:  Yes

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *Ned Kendrick*  Agent  Addressee  
B. Received by (Printed Name) *Ned Kendrick*  C. Date of Delivery *1/13/06*  
D. Is delivery address different from item 1?  No  
If YES, enter delivery address below:  Yes

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

US Fish & Wildlife Service  
Field Supervisor  
2105 Osuna Road, Northeast  
Albuquerque, NM 87113-1001

Article Number  
*(Transfer from service la)*  
PS Form 3811, February 2004

7005 1820 0001 6804 4028

Domestic Return Receipt

102595-02-M-1540

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

R.D. Lee Jr  
PO BOX 363  
Lovington, NM 88260

Article Number  
*(Transfer from service label)*  
PS Form 3811, February 2004

7005 1820 0001 6804 5490

Domestic Return Receipt

102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *Chris Shuey*  Agent  Addressee  
B. Received by (Printed Name) *Chris Shuey*  C. Date of Delivery *1/16/06*  
D. Is delivery address different from item 1?  No  
If YES, enter delivery address below:  Yes

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  X *R.D. Lee Jr*  Agent  Addressee  
B. Received by (Printed Name) *R.D. Lee Jr*  C. Date of Delivery *1/13/06*  
D. Is delivery address different from item 1?  No  
If YES, enter delivery address below:  Yes

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Kon Marsh  
381  
PO BOX 388  
Johbs, NM 88241

Article Number **7005 1820 0001 6804 3946**  
(Transfer from serv.)  
Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*[Signature]*  No  
C. Date of Delivery  
*[Signature]*  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Soil & Water Conservation Bureau  
NM Depn of Agriculture/Ag Programs & Res  
BOX 30005/APR  
Las Cruces, NM 88003-8005

Article Number **7005 1820 0001 6804 3847**  
(Transfer from service lat)  
Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*[Signature]*  
C. Date of Delivery  
*[Signature]*  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Dr. Harry Bishara  
PO BOX 748  
Cuba, NM 87013

Article Number **7005 1820 0001 6804 3922**  
(Transfer from service lab)  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*[Signature]*  No  
C. Date of Delivery  
*[Signature]*  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**SENDER COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Lea County Administration Office  
Attn: Lue Ethridge  
100 N Main Street, Suite 4  
Lovington, NM 88260

Article Number **7005 1820 0001 6804 4080**  
(Transfer from serv)  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
*[Signature]*  Addressee  
B. Received by (Printed Name)  Date of Delivery  
*[Signature]*  
C. Date of Delivery  
*[Signature]*  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**RECEIVER COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

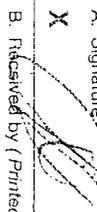
Article Addressed to:

Department of Game & Fish  
Director

Alhambra Building  
Santa Fe, NM 87503

Article Number 7005 1820 0001 6804 3861  
*(Transfer from service)*  
S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature:   Agent  Addressee  
B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_  
D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below: \_\_\_\_\_

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature \_\_\_\_\_  Agent  Addressee  
B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_  
D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below: \_\_\_\_\_

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 3860  
*(Transfer from service)*  
S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Chief  
Groundwater Bureau  
Kunze Building  
Santa Fe, NM 87504

**RECEIVER COMPLETE THIS SECTION**

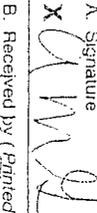
Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM Oil & Gas Association  
PO BOX 1864  
Santa Fe, NM 87504-1864

Article Number 7005 1820 0001 6804 3878  
*(Transfer from service 1a)*  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature:   Agent  Addressee  
B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_  
D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below: \_\_\_\_\_

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature \_\_\_\_\_  Agent  Addressee  
B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_  
D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below: \_\_\_\_\_

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 3908  
*(Transfer from service 1a)*  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Jay Lazarus  
PO BOX 5727  
Santa Fe, NM 87502

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
Bruce S. Garber  
Attorney at Law  
PO BOX 0830  
Alma P.O. NM 87504-0830

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 3816  
(Transfer from service label)  
3 Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15-40

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
Walter Resources Division  
State Engineer  
Bakam Building  
Santa Fe, NM 87503

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 4035  
(Transfer from service label)  
3 Form 3811, February 2004 Domestic Return Receipt 102595-02-M-15-10

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
William Turner NM Trustee for Natural Resources  
C/O American Ground Water Consultants  
610 Gold St. SW, Suite 111  
Albuquerque, NM 87102

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 4073  
(Transfer from service label)  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-11-

**SENDER: COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:  
Southwestern Public Service  
Ron Dutton  
PO BOX 1261  
Amarillo, TX 79170

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
B. Received by (Printed Name)  Addressee  
C. Date of Delivery  
D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
4. Restricted Delivery? (Extra Fee)  Yes

Article Number 7005 1820 0001 6804 4042  
(Transfer from service label)  
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1-