

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
**- Engineering Bureau -**  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

- [D] Other: Specify REINSTATEMENT OF SWD-559

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply**

- [A]  Working, Royalty or Overriding Royalty Interest Owners  
 [B]  Offset Operators, Leaseholders or Surface Owner  
 [C]  Application is One Which Requires Published Legal Notice  
 [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ben Stone  
 Print or Type Name

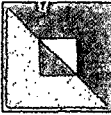
Signature

Agent for Agua Sucia, LLC 9/08/09  
 Title Date

Oil Conservation Commission  
 Case No. \_\_\_\_\_  
 Exhibit No. 2

ben@sosconsulting.us (agent)  
 e-mail Address

Agua



September 8, 2009

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Attn: Mr. Mark Fesmire, Director

*Re: Application of Agua Sucia, LLC to reinstate administrative order SWD-559 authorizing salt water disposal into its Government 'E' Well No.1 located in Unit Letter 'N', Section 25, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico.*

Dear Mr. Fesmire,

Please find enclosed updated data supporting the above-referenced request for reinstatement of disposal operations on the subject well.

Agua Sucia, LLC seeks to optimize efficiency, both economically and operationally, of its operations. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

The subject well has been authorized for salt water disposal since May 19, 1994 under division order SWD-559. The previous operator of the well suspended operations for over a year during lengthy repair workover and subsequently lost authority to inject.

Immediately prior to Agua Sucia's purchase of the SWD facility, the newly repaired well had over 5700 feet of new 4-inch flush joint casing installed as well as nearly 9600 feet of new plastic-coated injection tubing and packer. The well passed an OCD witnessed, post-repair mechanical integrity test in April of this year. Buddy Hill, the supervisor of the Hobbs OCD district office confirmed to me in a telephone conversation that "*We've had lots of issues with [the previous operator]*" and that "*... the well is technically sound and ready for injection*". (L. Hill, 5/19/2009). The repair operation was at considerable expense and will allow the salt water disposal well to operate safely and effectively for years to come.

The one-half mile area of review has not changed since the original issuance of SWD-559; however Agua Sucia has re-noticed interested parties and republished the legal notice. This application for reinstatement also includes new wellbore schematics, a new area of review maps and other pertinent updated information.

I respectfully request that the reinstatement of SWD-559 proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

A handwritten signature in black ink, appearing to read "Ben Stone", written in a cursive style.

Ben Stone, Partner  
SOS Consulting, LLC  
Agent for Agua Sucia, LLC

Cc: Application attachment and file

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: ***Salt Water Disposal*** and the application *qualifies* for administrative **RENEWAL** approval.
- II. OPERATOR: ***Agua Sucia, LLC***  
ADDRESS: ***1009 W. Broadway, Hobbs, NM 88241***  
  
CONTACT PARTY: ***Agent: SOS Consulting, LLC – Ben Stone (903) 488-9850***
- III. WELL DATA: ***All well data and applicable wellbore diagrams are attached hereto.***
- IV. ***This is not an expansion of an existing project.***
- V. ***A map is attached*** that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- \*VI. ***A tabulation is attached*** of data on all wells of public record within the area of review which penetrate the proposed injection zone. ***The data includes*** a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. ***The following data is attached*** on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. ***Appropriate geologic data on the injection zone is attached*** including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. ***No stimulation program is proposed at this time.***
- \*X. ***There is no applicable logging and test data on the well however, any previous well logs have been filed with the Division and they need not be resubmitted.***
- \*XI. ***There are no fresh water wells within one mile the proposed salt water disposal well.***
- XII. ***An affirmative statement is attached that available geologic and engineering data has been examined and no evidence was found*** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. ***"Proof of Notice" section on the next page of this form has been completed.***
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: ***Ben Stone*** TITLE: ***Consultant, Agent for Agua Sucia, LLC***

SIGNATURE: \_\_\_\_\_

DATE: ***8/24/2009***

E-MAIL ADDRESS: ***Agent: SOS Consulting, LLC: info@sosconsulting.us***

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

III. WELL DATA – *The following information and data is included:*

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE *pursuant to the following criteria is attached.*

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

**NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.**

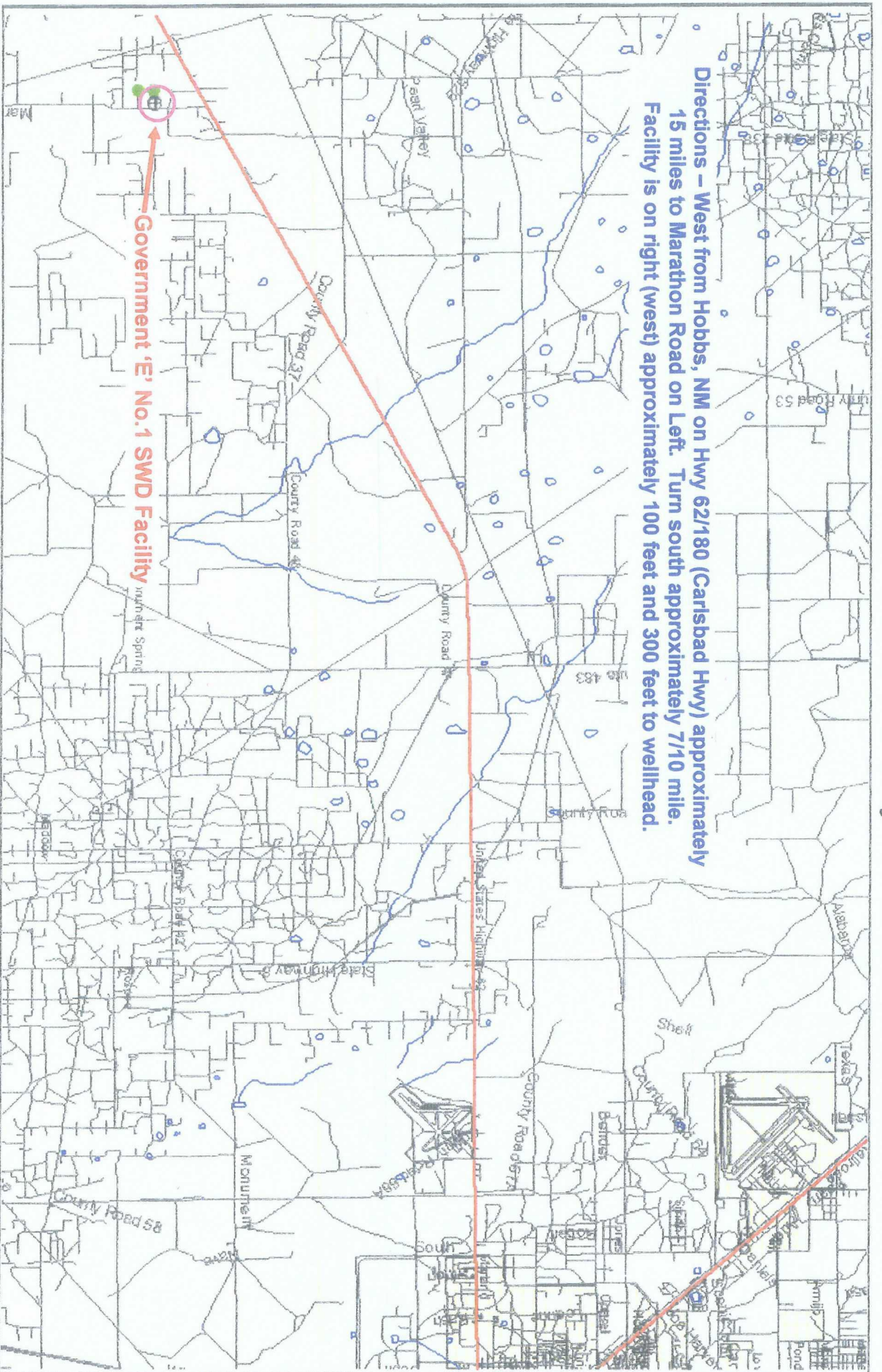
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**NOTICE:** Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.



# Government 'E' No. 1 SWD Facility – General Location

Directions – West from Hobbs, NM on Hwy 62/180 (Carlsbad Hwy) approximately 15 miles to Marathon Road on Left. Turn south approximately 7/10 mile. Facility is on right (west) approximately 100 feet and 300 feet to wellhead.



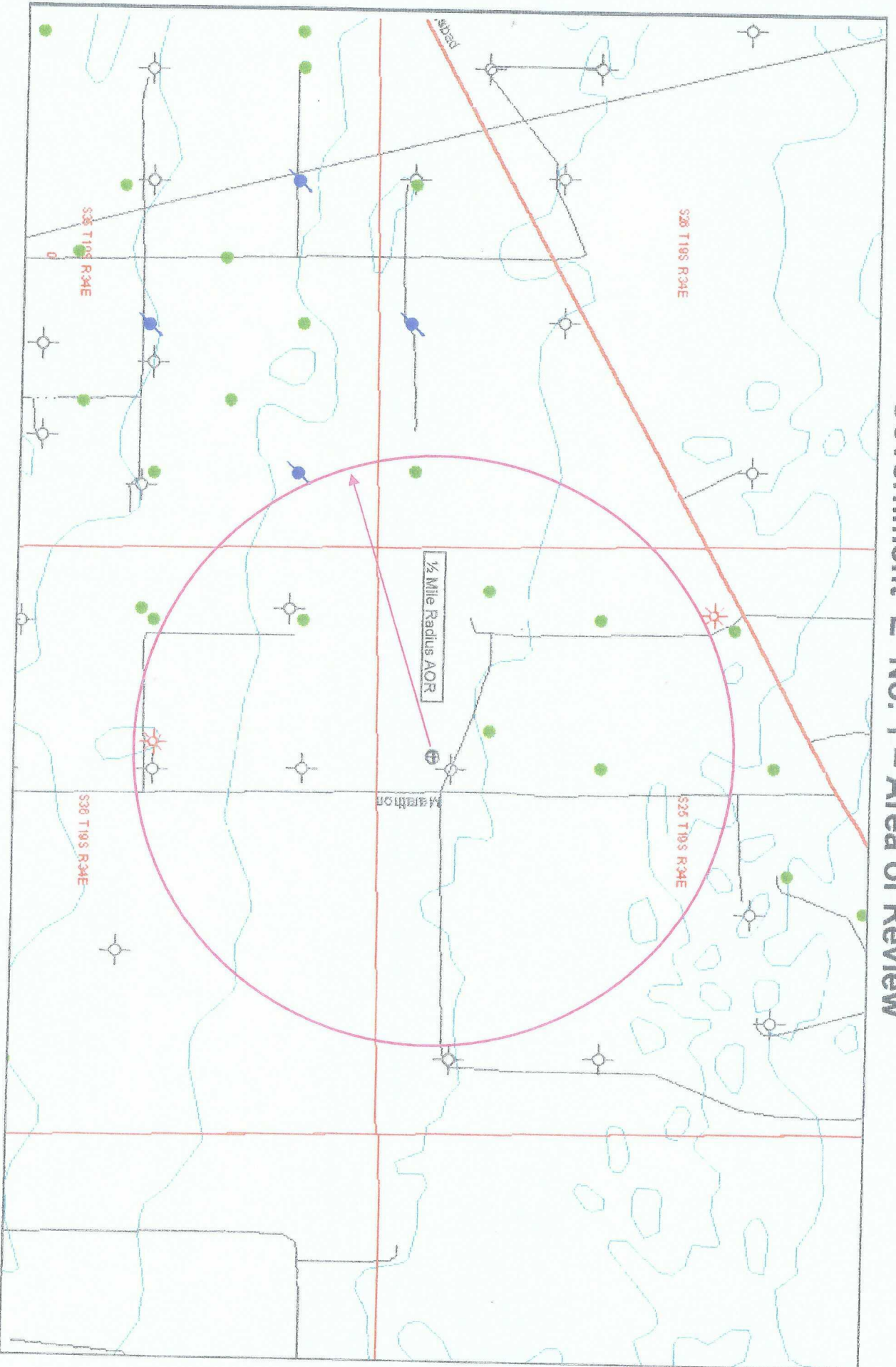
GIS Map by Sylvan Ascent  
Drawn 8/24/2009  
by Ben Stone, SOS Consulting, LLC  
For Agua Sucia, LLC



Well spots generated from  
RBDMS database with most  
current recordset provided by  
NMT Octane AllWells.mdb



# Government 'E' No. 1 - Area of Review



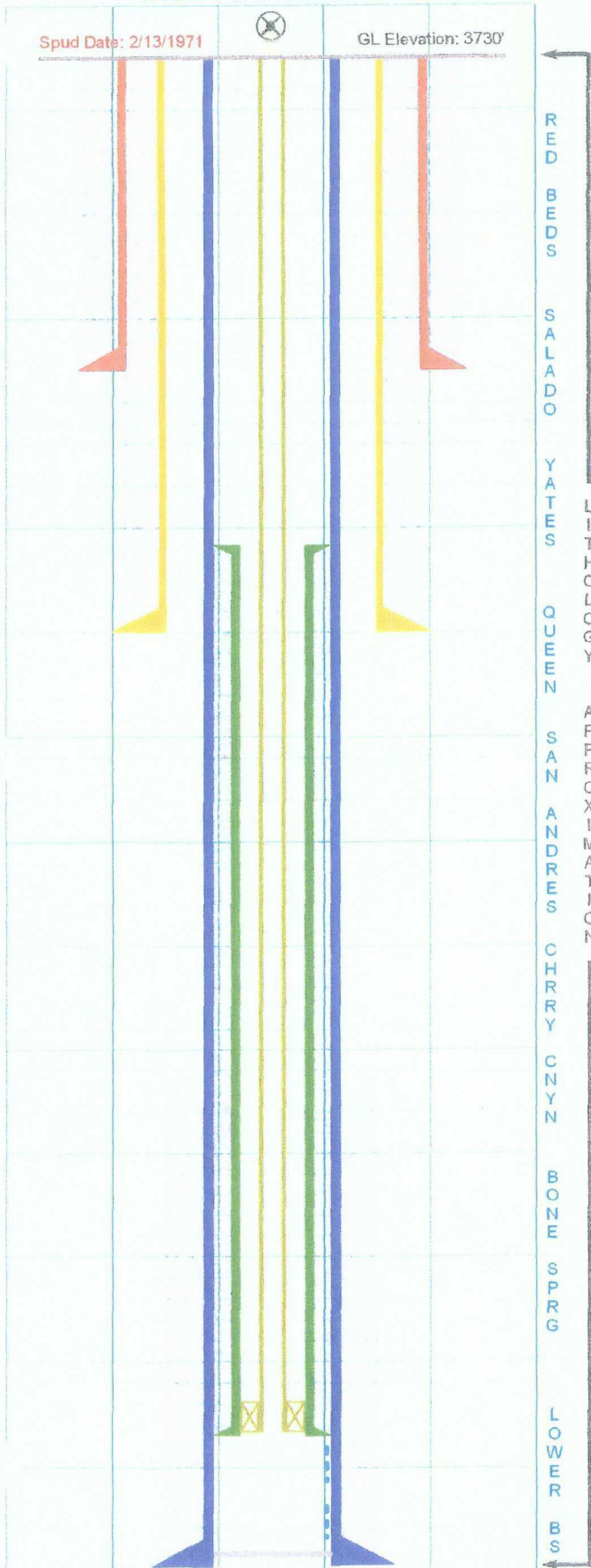
GIS Map by Syvan Ascent  
Drawn 8/24/2009  
by Ben Stone, SOS Consulting, LLC  
For Approval - Suda, LLC



Well spots generated from  
RBDMS database with most  
current recordset provided by  
NMT Octane Alliv' 's.mdb

# Agua Sucia, LLC

## PROPOSED / EXISTING WELL CONFIGURATION



## Government 'E' No. 1

API No. 30-025-23708

Location: 610' FSL & 1880' FWL

UL 'N', Sec. 25, Twp 19S, Rng 34E, NMPM

Latitude: 32.625818 Longitude: -103.516315

Lea County, New Mexico

SWD; Bone Spring (Pool No.96095)

Formation: Red Beds

Surface: 11.75" 42# @ 400' (Borehole 15")

Cement: 450 Sacks Class H w/2% CaCl  
from 400' to 0' (Circulated)

Formation: Salado / Anhydrite Mix (Top ~1800')

Formation: Yates (Top ~3500')

Intermediate: 8.625" 32# @ 4089' (Borehole 11.0")

Cement: 775 Sacks TLW & Pozmix from 4089' to 2200' (Calc.)

Formation: Queen (Top ~4400')

Formation: San Andres (Top ~6050')

Casing/Tubing Annulus loaded with Packer Fluid.

Formation: Cherry Canyon (Top 6490')

Tubing 2.375" (184 jnts) and 2.875" (113 jnts)  
Plastic Coated @ 9579'

Packer: 4.0" (Nominal) PKR (w/ On/Off Tool) @ 9596'

Formation: Bone Spring (Top 9716')

Liner: 4.0" Flush Joint 15.6# @ 9597' to 3843'

Cement: 240 Sacks Class H from 9547' to 3843'

Perforations Top: 9716' - 20'  
Bottom: 10,225' - 36'

Formation: Lower Bone Spring (Top 10,222')

Production: 5.5" 17# @ 10,300' (Borehole 7.875")

Cement: 500 Sacks Class H from 10,300' to 7700' (Temp Srvy)  
PBD: 10,277'



C-108 Supporting Data

Tabulation of Wells in Area of Review

Well Name & No. / API	Operator	Location	Status	Surface Pipe & Cement	Intermediate / Production & Cement
Superior Federal No.1 30-025-02396	Pre-ONGARD Operator	N-25-19S-34E	P	8.625" @ 210' w/ 25 sx Class 'C' Circulated	4.5" @ 5095' w/ 275 sx Class 'C' TOC 3030'
Pearl State No.1 30-025-32935	Trilogy Operating, Inc.	F-36-19S-34E	P	8.625" @ 610' w/ 320 sx Class 'C' Circulated	5.5" @ 5296' w/ 1500 sx Class 'C' TOC 3300'
Gulf 'C' State No.2 30-025-02403	Pre-ONGARD Operator	C-36-19S-34E	P	8.625" @ 129' w/ 90 sx Class 'C' Circulated	5.5" @ 5050' w/ 355 sx Class 'C' TOC 3616'
Lea 'DS' State No.2 30-025-23808	Pre-ONGARD Operator	C-36-19S-34E	P	13.625" @ 355' w/ 420 sx Class 'C' Circulated	8.625" @ 4049' w/ 265 sx Class 'C' TOC 3210' 5.5" @ 9770' w/ 585 sx Class 'C' TOC 2360'
Superior 'A' Fed. No.1 30-025-08457	Armstrong Energy Corp.	K-25-19S-34E	A	8.625" @ 307' w/ 300 sx Class 'C' Circulated	4.5" @ 5056' w/ 300 sx Class 'C' TOC 4685'
Superior Federal No.4 30-025-21369	Armstrong Energy Corp.	L-25-19S-34E	A	8.625" @ 238' w/ 125 sx Class 'C' Circulated	5.5" @ 5149' w/ 270 sx Class 'C' TOC 2950'
Superior Federal No.5 30-025-21370	Armstrong Energy Corp.	M-25-19S-34E	A	8.625" @ 241' w/ 125 sx Class 'C' Circulated	5.5" @ 5146' w/ 270 sx Class 'C' TOC 2970'
Superior Federal No.6 30-025-21745	Armstrong Energy Corp.	N-25-19S-34E	A	8.625" @ 248' w/ 125 sx Class 'C' Circulated	5.5" @ 5146' w/ 270 sx Class 'C' TOC 2960'
Sarah Sue No.3 30-025-21756	Louray Oil Company	D-36-19S-34E	A	8.625" @ 245' w/ 125 sx Class 'C' Circulated	4.5" @ 5137' w/ 268 sx Class 'C' TOC 4313'

**C-108 – Tabulation of Wells in Area of Review – Cont'd**

<i>Well Name &amp; No. / API</i>	<i>Operator</i>	<i>Location</i>	<i>Status</i>	<i>Surface Pipe &amp; Cement</i>	<i>Intermediate / Production &amp; Cement</i>
Mescalero Ridge No.262 30-025-21798	Merit Energy Company	P-26-19S-34E	A	8.625" @ 211' w/ 150 sx Class 'C' Circulated	5.5" @ 5150' w/ 350 sx Class 'C' TOC 3250'
West Pearl 36 State No.1 30-025-38079	COG Operating, LLC	F-36-19S-34E	A	13.375" @ 605' w/ 505 sx Class 'C' Circulated	9.625" @ 5310' w/ 2000 sx Class 'C' TOC 3210' 7.0" @ 11,100' w/ 825 sx Class 'C' TOC 11sx off DVT 4.5" @ 13,656' w/ 325 sx Class 'C' TOC 70 sx off LNR Top

# Pre-ONGARD Operator

## Superior Federal No. 1

API No. 30-025-02396

Location: 660' FSL & 1980' FWL

Section 25, Twp 19S, Rng 34E, NMPM

Latitude: 32.625956 Longitude: -103.515989

Lea County, New Mexico

### CURRENT WELL CONFIGURATION

Plugged and Abandoned 12/5/1960

Spud Date: 8/00/1960

P&A HOLE MARKER

GL Elevation: 3742'

Cement Plug: 5 sx 20' - 0'

Cement Plug: 25 sx 260' - 160'

Surface: 8.625" 26# @ 210' (Borehole 11")

Cement: 200 Sacks Class C from 210' to 0' (Circulated)

Formation: Anhydrite (Top 1813')

Mud Between Plugs

Cement Plug: 20 sx 1900' - 1800'

4.5" Casing shot off at 3228'

Cement Plug: 20 sx 3248' - 3148'

Formation: Yates (Top Apprx. 3500')

Hole filled with mud prior to pumping plugs.

Formation: Queen (Top Apprx. 4400')

Cement Plug: 15 sx 4830' - 4658'

Perforations: 4559' - 4965'

4784' - 4792'

4909' - 4913'

Production: 4.5" 11.6# @ 3665' (Borehole 6.25")

Cement: 275 Sacks Class C from 5095' to 3050' (by CALC.  
Perhaps closer to 4.5 recovery depth.)

TD: 5095'

# TRILOGY OPERATING, INC.

**CURRENT WELL CONFIGURATION**  
Plugged and Abandoned 7/11/1997

## Pearl State No. 1

API No. 30-025-32935

Location: 1980' FNL & 1980' FWL

Section 36, Twp 19S, Rng 34E, NMPM

Latitude: 32.618700 Longitude: -103.515985

Lea County, New Mexico

Cement Plug: 10 sx 60' - 0'

Formation: Red Beds

Surface: 8.625" 24# @ 610' (Borehole 12.25")

Cement: 320 Sacks Class C from 610' to 0' (Circulated)

Formation: Anhydrite Mix

Mud Between Plugs

Cement Plug: 75 sx 1950' - 1500'

Formation: Salt (Top ~1500')

Formation: Seven Rivers (Top 3960')

Cement Plug: 100 sx 3900' - 3300'

Perforations: 3960' - 3970'

CIBP @ 4060'

Perforations: 4090' - 4100'

Cement Plug: 3 sx 4500' - 4482'

CIBP @ 4500'

Formation: Queen (Top 4530')

Perforations: 4533' - 4675'

Cement Plug: 3 sx 4800' - 4782'

CIBP @ 4800'

Perforations: 4888' - 5050'

PKR w/ bull plug abandoned @ 5200'

Perforations: 5232' - 5240'

Production: 5.5" 17# @ 5296' (Borehole 7.875")

Cement: 1500 Sacks Class C POZ from 5296' to 3300' (by Calc.)

DTD: 5300'



# Pre-ONGARD Operator

## Gulf 'C' State No. 2

API No. 30-025-02403

Location: 660' FNL & 1980' FWL

Section 36, Twp 19S, Rng 34E, NMPM

Latitude: 32.622328 Longitude: -103.515987

Lea County, New Mexico

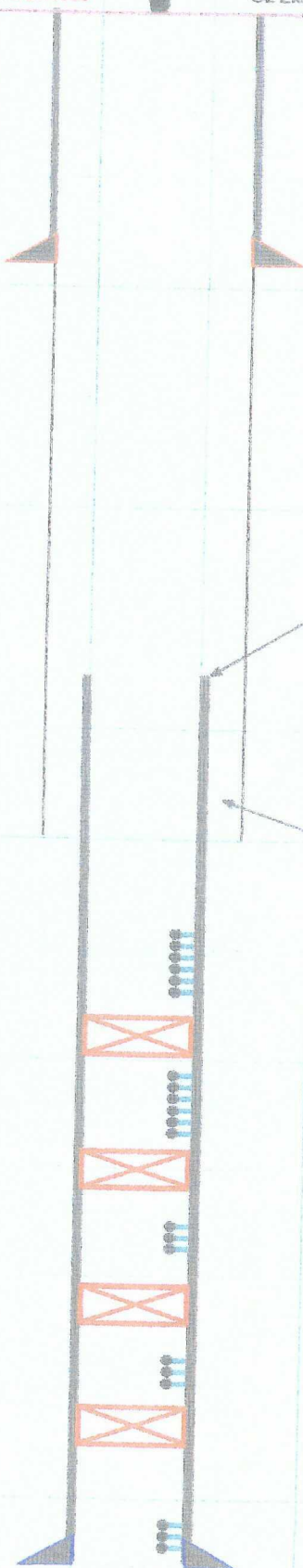
### CURRENT WELL CONFIGURATION

Plugged and Abandoned 11/03/1961

Spud Date: 8/27/1960

PSA HOLE MARKER

GL Elevation: 3726'



Cement Plug: 10 sx 40' - 0'

Formation: Red Beds

Cement Plug: 20 sx 129' - 40'

Surface: 8.625" 26# @ 129' (Borehole 9.0")

Cement: 90 Sacks Class C from 129' to 0' (Circulated)

Formation: Rustler (Top 1815')

Cement Plug: 20 sx 1950' - 1850'

5.5" Casing shot off at 2150'.

Cement Plug: 25 sx 2150' - 2025'

Formation: Tansill (Top 3324')

Formation: Yates (Top 3530')

Hole filled with mud prior to pumping plugs.

Cement Plug: 25 sx 3901' - 3600'

Perforations: 3650' - 3700'

Set plug @ 3901'

Perforations: 3910' - 3984'

Formation: Seven Rivers (Top 4082')

Set plug @ 4162'

Perforations: 4562' - 4568'

Set plug @ 4602'

Perforations: 4616' - 4660'

Formation: Queen (Top 4654')

Set plug @ 4800'

Production: 5.5" 17# @ 3665' (Borehole 7.875")

Cement: 355 Sacks Class C from 5050' to 3616' (by CALC.

Perforations: 5020' - 5034'

DTD: 5050'

# Pre-ONGARD Operator

CURRENT WELL CONFIGURATION  
Plugged and Abandoned 3/27/1980

## Lea 'DS' State No. 2

API No. 30-025-23808

Location: 770' FNL & 560' FWL

Section 36, Twp 19S, Rng 34E, NMPM

Latitude: 32.622014 Longitude: -103.520621

Lea County, New Mexico

Spud Date: 6/30/1971

PEA HOLE MARKER

GL Elevation: 3723'

Cement Plug: 10 sx 30' - 0'

Formation: Red Beds

Surface: 13.625" 48# @ 355' (Borehole 17.5")

Cement: 420 Sacks Class C from 355' to 0' (Circulated)

Cement Plug: 55 sx 300' - 270'

Cement Plug: 80 sx 400' - 367'

Cement Plug: 70 sx 1400' - 940'

Shot-off 8.625" @ 990'

Formation: Anhydrite Mix (Top ~1815')

Cement Plug: 35 sx 1950' - 1850'

Shot-off 5.5" @ 2327'

Cement Plug: 2358' - 2210'

Formation: Salt (Top ~3350')

Intermediate: 8.625" 24 & 32# @ 4049' (Borehole 11.0")

Cement: 265 Sacks Class C from 4049' to 3210'

Formation: Queen (Top ~5045')

Cement Plug: 20 sx 5400' - 5300'

Mud Between Plugs

Formation: 1st Bone Spring (Top 8780')

Cement Plug: 10 sx 9350' - 9300'

Formation: 2nd Bone Spring (Top 9504')

Perforations: 9692' - 9706'

Production: 5.5" 17# @ 9770' (Borehole 7.875")

Cement: 585 Sacks Class C from 9770' to 2360' (by Calc.)

DTD: 9770'

## C-108 Supporting Data

*The Government 'E' No.1 SWD recently underwent extensive workover and repair operations which are summarized below. OCD site visits and actual expenditures are in tables that follow.*

### ***First Repair Attempt***

January 22, 2008 through February 26, 2008

Upon identifying the well failure, the subject well was shut in on 1/22/08. The well was bled down for several days to get on the hole. Approximately 4500 bbls of water were trucked for disposal. On 1/28/08, the operator was able to get in the hole – pulled 309 joints 2-3/8" tubing and ran in hole with 8 joints of 2-7/8" work string and scraper and shut in well. On 1/29/08 the job was shut down due to high wind. On 1/30/08, the well pressured back up to about 50 psi and approximately 400 bbls was flowed to the tanks for disposal. The unit crew was able to run in the hole with a scraper on work string. The next two days consisted of several runs with bit & scraper and gauge ring and then a routine plug & packer job was conducted to locate the depth of the casing failure. A length of bad casing was located between 5332' and 4168'. Set bridge plug and cement retainer. On 2/5/08 a squeeze job was performed between the 5-1/2" and 8-5/8" Initially pumped 20 bbls down at 100 psi to get a rate - established maximum rate of 4 bpm @ 600 psi. Pumped 260 sacks of class 'C' Neat followed by 500 sacks of class 'C' with 6% gel. Pulled out of the cement retainer and finished pumping and shut the well in with 600 psi. Drilled out and tested again for the next several days. Additional testing with plug and packer identified remaining hole between 5049' and 5018'. On 2/11/08, a cement retainer was set at 4986' but when tested the following morning, it did not hold. The retainer was drilled out and pulled the pipe out of the hole. Ran the packer in and set it to isolate the hole. On 2/13/08 a new retainer was run in the hole but would not set. The retainer was pulled and found severely damaged. Ran a new retainer in the hole and it was able to set. Hooked up to establish a rate but could only get 1 bpm @ 2500 psi. On 2/14/08 the crew ran back in the hole with bit and collars. The first retainer was drilled out and the hole was circulated. Drilled out for the next few days and ran a mill to get through a hardened steel piece of a stinger. On 2/18/08, drilled with the bit again to try and get through the remaining pieces of junk. Finally drilled through and ran more pipe and tagged the plug at 5332'. Started drilling and made several more feet with additional pieces of the retainer coming up. Circulated the hole and shut down. Over the next several days, the hole was cleaned out to a depth of 9743'. The hole was circulated with fresh water and shut in on 2/26/08 and the workover unit was rigged down.

### OCD Site Visits During First Repair Attempt

<i>Date</i>	<i>OCD Inspector and Number of Visits</i>
1/26/08	Gary Wink – 1
1/29/08	Buddy Hill – 1
1/30/08	Buddy Hill – 2
1/31/08	Buddy Hill – 2
2/05/08*	Buddy Hill – 2
2/06/08	Mark Whitaker – 2
2/07/08	Mark Whitaker – 2
2/08/08*	Mark Whitaker – 1
2/18/08	Mark Whitaker – 2
2/19/08	Mark Whitaker – 2
2/20/08	Mark Whitaker – 2
2/21/08	Mark Whitaker – 2
2/22/08	Mark Whitaker – 2

\* Went into OCD office to drop off C-103's and to discuss workover operations.

### Final Repair – March – April, 2009

Consultant for workover – Al Perry, Hobbs, NM

<i>Date</i>	<i>Activity</i>
3/23/09	RU Black Warrior Wireline. Log well from 9536' to 9733'. Perforated 9716'-9732' w/ 32 holes. POOH guns. RIH and set composite bridge plug at 9650'.
3/26/09	RU Bull Rodgers casing crew. RIH w/ 4.0" float shoe & collar, follow w/ 137 jnts. 4.0" casing, x-over sub 4.0 x 5.5" and landed @ 9597' with top of liner @ 3843'. Ran 20 jnts. 3.5" drill collar & 2.875" tubing. RD casing crew and shut in over night.
3/27/09	RU BJ Services and circulated liner at 2bpm @1300 psi for 30 mins. Ball seat sheared @ 3000 psi. Hanger set. PU 3' check liner weight w/ 52,000 # loss. Repressure ball seat, liner held. Push ball thru & circulated thru float 1.5bpm @ 700 psi. Pump down 240 sx 15.6 ppg slurry Class 'H' cement. Dropped plug & bumped w/ 4000 psi. Float held. Check liner top to 950 psi. Good test. RD BJ Services. Pulled tubing and collars 1000' above liner top. Shut down over night. <b>Witnessed by Maxie Brown w/ OCD.</b>
3/28/09	POOH w/ tubing and collars.
3/30/09	Tally pipe & RU TFH Rental Tools. PU bit & 6 collars. Shut down due to high wind.
3/31/09	Continue in hole w/ tubing. Tag top of liner at 3820. Test to 500 psi. Good test. Start drilling & fell thru cement @ 3844'. Continued in hole w/ tubing and tagged up @ 9547'. Circulated hole clean. Shut down over night.
4/01/09	Resume drilling at 9547'. DO to 9597'. Pushed composite bridge plug to bottom. Lay down swivel and POOH w/ 56 jnts 2.875" TBG. Shut down over night.
4/02/09	POOH w/ remaining TBG and collars. Tally pipe and shut down.



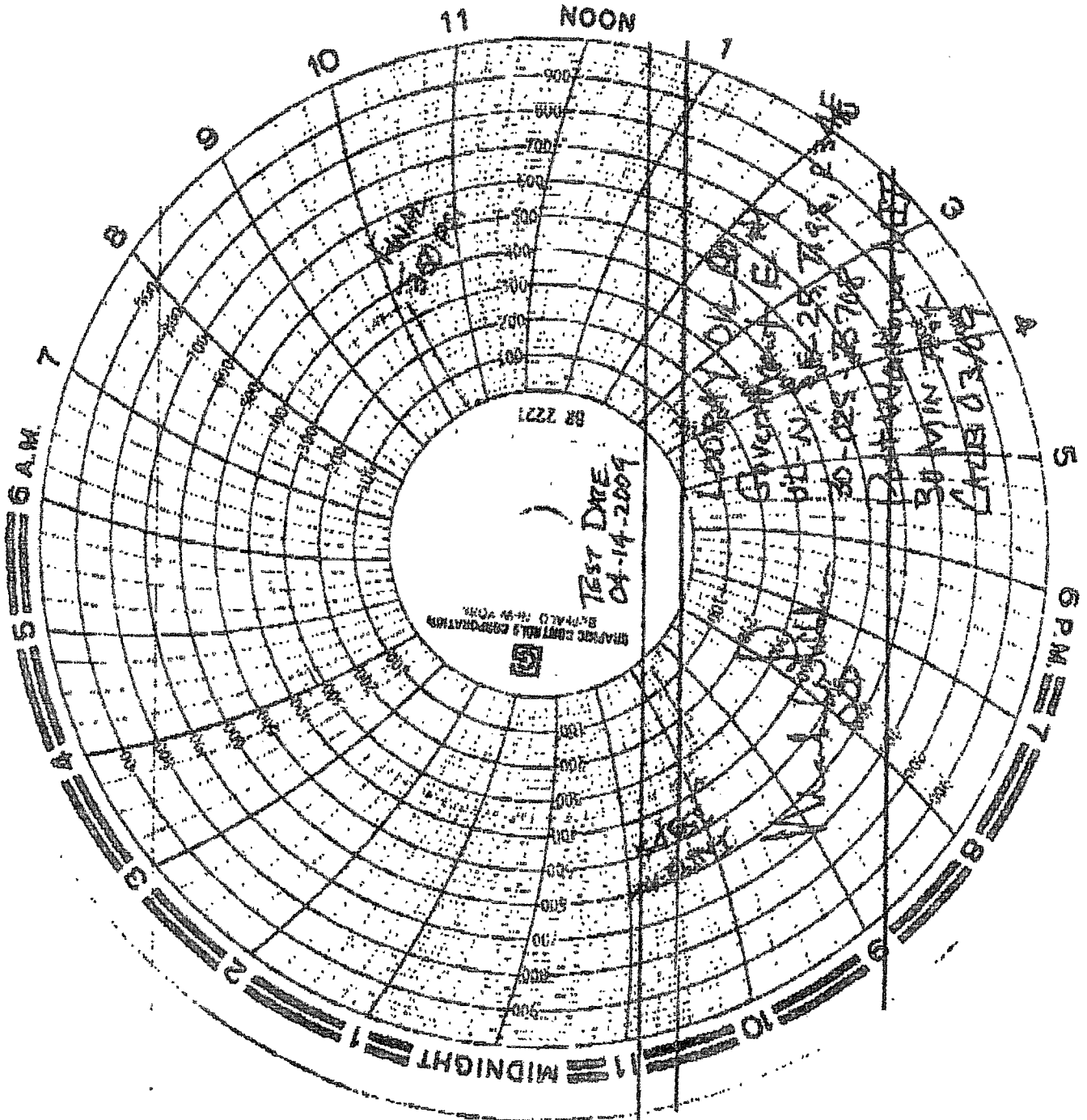
4/03/09	Trip in hole w/ 3.25" packer, 184 jnts 2.375" & 111 jnts.2.875" tbg. Tagged @ 9552'. POOH w/ TBG and packer. Shut down over night.
4/04/09	RIH w/ 3.625" bit & 6 x 3.125" collars & 6 jnts 2.375" TBG. Shut down due to high winds.
4/06/09	RIH w/ TBG & tagged @ 9552'. Drilled out to 9597' and circulated hole clean. Shut down over night.
4/07/09	PU swivel and circulated hole w/ 100 bbls 2% KCL. LD swivel. POOH w/ all TBG, collars & bit. Shut down over night.
4/08/09	Trip hole w/ packer & tubing. Packer would not set. POOH and shut down over night.
4/10/09	RIH w/ PKR & 184 jnts 2.375" TBG (6013.37') and 113 jnts 2.875" TBG (3565.65') RU pump truck and circulated hole clean. Set PKR @ 9596'. Tested casing. Shut down over night.
4/14/09	RU Maclasky Services and load CSG. Tested to 300 psi for 30 mins. w/ no bleed off. <b>MIT witnessed by Mark Whitaker, OCD.</b> RD pulling unit. Shut down. Well ready for injection. <b>(MIT attached.)</b>

#### **Costs Associated With Final Repair**

<i>Payee</i>	<i>Item or service (if known)</i>	<i>Cost</i>
Weatherford	Liner hangers, collars; other	32,103.75
Louis Edgett	Additional tubulars	11,320.00
Lonnie Wilson Insurance	Insurance	4,531.77
TFH Rental Tools	Location pipe racks, etc.	34,197.38
Warrior Energy Services	Wireline bridge plug, etc.	11,663.67
Maclasky Oilfield Services	Acid job	9,066.03
Lea County Packer	Packer and run/set charge	12,031.23
Permian Pump and Supply	4.00" Liner (new); other	186,703.98
BJ Services	Cementing service	15,000.00
MICO Services	Pulling Unit and Oilfield service	61,719.88
Al Perry	Consulting services	9,000.00
SOS Consulting, LLC	Consulting services	3,344.97
G&L Trucking	Trucking	12,504.87
Barriga Tank Service	Tank setting and maintenance	6,000.00
First Insurance Funding	Insurance	1,214.40
BMB Rentals	Rental tools, matt boards	2,634.38
RMAA Oilfield Service	Gang truck	287.89
Miscellaneous service		13,514.65
Supplies (Office)		69.90
Postage, courier		168.45
<b>TOTAL FOR WORKOVER AND REPAIR – APPROXIMATELY \$432,000</b>		

C-108 - Supporting Data

Successful Mechanical Integrity Test - 4/14/2009



**C-108 ITEM XII – GEOLOGIC AFFIRMATION**

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.



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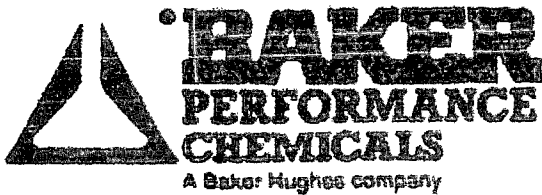
Ben Stone, Partner  
SOS Consulting, LLC

## **C-108 ITEM VII.4 – SOURCE AND ANALYSIS OF SUBJECT WATERS**

Produced water will be gathered from area wells producing from the Queen (and other Delaware Group formations) and the Bone Spring formations. These waters will be disposed into the Bone Spring formation in the proposed SWD.

Water analyses from regional wells are attached and indicate that these waters are reasonably compatible.



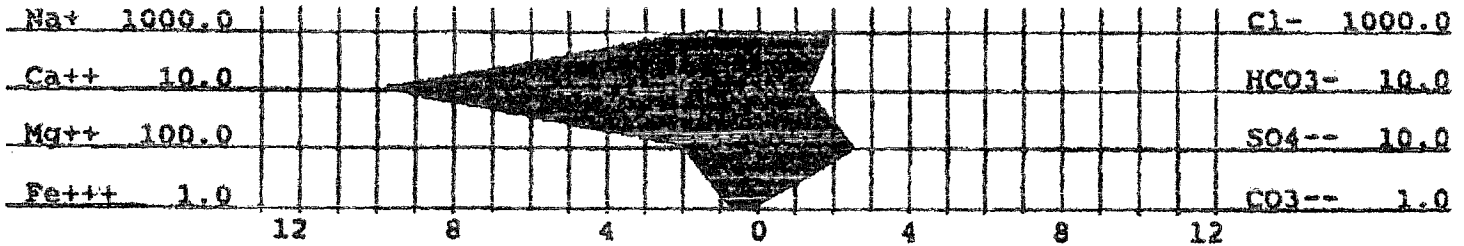


**WATER ANALYSIS  
for  
ARMSTRONG ENERGY**

Date of Analysis:	OCTOBER 12, 1992	Analysis #:	1757
Company:	ARMSTRONG ENERGY	Company Address:	N/D
State:	N/D	Field:	N/D
Lease:	GOVERNMENT E #1	Well #:	# 1
Oil (bbl/day):	N/D	Water (bbl/day):	N/D
Type of Water:	PRODUCED	Temp., C:	17
Sample source:	WELL HEAD	Date of Sampling:	OCTOBER 11, 1992
Representative:	DON BLACKSTOCK	Analysis By:	SUZANNE WILLIAMS

**WATER ANALYSIS PATTERN**

(number beside ion symbol indicates mg/l scale unit)



**DISSOLVED SOLIDS**

CATIONS	me/l	mg/l
Total Hardness :	300.00	
Calcium, (Ca++) :	100.00	2004.81
Magnesium, (Mg++) :	200.00	2430.28
Iron, (Fe+++)	0.81	15.00
Barium, (Ba++) :	N/D	N/D
Sodium, Na+(calc):	1767.38	40649.65
Manganese, (Mn++) :	0.00	0.00

ANIONS	me/l	mg/l
Chloride, Cl-	2028.17	71997.52
Sulfate, SO4-- :	26.01	1250.00
Carbonate, CO3-- :	0.00	0.00
Bicarbonate, HCO3-:	14.00	854.18
Hydroxyl, OH-	0.00	0.00
Sulfide, S-- :	0.00	0.00
<b>TOTAL SOLIDS (quant. ):</b>		<b>119201.40</b>

**DISSOLVED GASES**

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide :	308.88	mg/l
Oxygen :	N/D	mg/l

**PHYSICAL PROPERTIES**

pH :	6.05
Spec Grav. :	1.100
TDS (calc.) :	119215.45

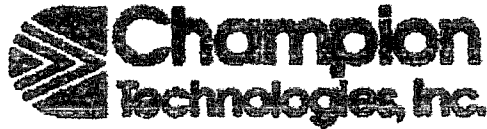
**SCALE STABILITIES**

Temp., C	CaCO3	CaSO4	BaSO4
17.0	-0.48	5491	0
27.0	-0.31	5708	0
37.0	-0.10	6002	0
Max entity, (calc.)	1836		0
<b>RESIDUAL HYDROCARBONS:</b>			<b>N/D</b>

N/D = not determined

320°C...CALCIUM SULFATE SCALING IS UNLIKELY.  
@20°C...MODERATE CORROSIVE.

WATER CONSERVATION DIVISION  
RECEIVED



APR 29 1994 9 AM 8 50  
P.O. BOX 2187  
LEAS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Lowell Deckert	Date sampled: 04/29/94
cc: Kenny Kearney	Date reported: 05/01/94
cc:	Lease or well # : Lea Bone Springs
cc:	County: Lea State: N.M.
Company: Subsurface Water Disp. Inc.	Formation:
Address: P.O. Box 1002	Depth:
Service Engineer: K. Kearney	Submitted by: K. Kearney

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	160000	4913
Iron (Fe) (total)	3.0	
Total hardness	87000	
Calcium (Ca)	23458	1171
Magnesium (Mg)	6925	556
Bicarbonates (HCO3)	36	1
Carbonates (CO3)	0	
Sulfates (SO4)	548	11
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	n/a	
Sodium (Na)	64373	2799
Total dissolved solids	255342	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.182	
Density (#/gal.)	9.850	
pH	5.750	
IONIC STRENGTH	5.39	

Stiff-Davis (CaCO3) Stability Index :  
 $SI = pH - pCa - pAlk - K$

- SI @ 86 F = +0.41
- 104 F = +0.64
- 122 F = +0.90
- 140 F = +1.19
- 158 F = +1.51

This water is 90 mg/l (-10.38%) under ITS CALCULATED  
 CaSO4 saturation value at 82 F.  
 SATURATION= 867 mg/L PRESENT= 777 mg/L

REPORTED BY ROBERT C MIDDLETON *RCM*  
 TECHNICAL SERVICES REPRESENTATIVE





P.O. BOX 2187  
DOBBS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Lowell Deckert	Date sampled: 04/29/94
cc: Kenny Kearney	Date reported: 05/01/94
cc:	Lease or well #: West Pearl Queen
cc:	County: Lea State: N.M.
Company: Subsurface Water Disp. Inc.	Formation:
Address: P.O. Box 1002	Depth:
Service Engineer: K. Kearney	Submitted by: K. Kearney

CHEMICAL COMPOSITION :	mg/L	mg/L
Chloride (Cl)	110000	3103
Iron (Fe) (total)	1.0	
Total hardness	47000	
Calcium (Ca)	10827	540
Magnesium (Mg)	4860	390
Bicarbonates (HCO3)	158	3
Carbonates (CO3)	0	
Sulfates (SO4)	1757	97
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	n/a	
Sodium (Na)	50869	2212
Total dissolved solids	178473	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity	1.127
Density (#/gal.)	9.392
pH	6.150
IONIC STRENGTH	3.63

Stiff-Davis (CaCO3) Stability Index :

SI = pH - pCa - pAlk - K

- SI @ 86 F = +0.25
- 104 F = +0.48
- 122 F = +0.74
- 140 F = +1.03
- 158 F = +1.35

This water is 512 mg/l ( 25.87% ) over ITS CALCULATED CaSO4 saturation value at 82 F.  
SATURATION= 1979 mg/L                      PRESENT= 2491 mg/L

REPORTED BY ROBERT C MIDDLETON *Rcm*  
TECHNICAL SERVICES REPRESENTATIVE





P.O. BOX 2187  
OBBS, N.M. 88240

PHONE: (505) 393-7726

W A T E R   A N A L Y S I S   R E P O R T

Report for: Lowell Deckert	Date sampled: 04/29/94
cc: Kenny Kearney	Date reported: 05/01/94
cc:	Lease or well #: Guail Greyburg
cc:	County: Lea State: N.M.
Company: Subsurface Water Disp. Inc.	Formation:
Address: P.O. Box 1002	Depth:
Service Engineer: K. Kearney	Submitted by: K. Kearney

CHEMICAL COMPOSITION	mg/L	meq/L
Chloride (Cl)	180000	5078
Iron (Fe) (total)	2.0	
Total hardness	71000	
Calcium (Ca)	22055	1101
Magnesium (Mg)	3888	312
Bicarbonates (HCO3)	47	1
Carbonates (CO3)	0	
Sulfates (SO4)	573	12
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	n/a	
Sodium (Na)	84592	3678
Total dissolved solids	291176	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity	1.207
Density (#/gal.)	10.059
pH	5.950
IONIC STRENGTH	5.80

Stiff-Davis (CaCO3) Stability Index :

SI = pH - pCa - pAlk - K

- SI @ 86 F = +1.09
- 104 F = +1.32
- 122 F = +1.58
- 140 F = +1.87
- 158 F = +2.19

This water is 207 mg/l (-20.29%) under ITS CALCULATED CaSO4 saturation value at 82 F.  
SATURATION= 1020 mg/L      PRESENT= 613 mg/L

REPORTED BY ROBERT C MIDDLETON   
TECHNICAL SERVICES REPRESENTATIVE



P.O. BOX 2187  
OBBS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Lowell Deckert	Date sampled: 04/29/94
cc: Kenny Kearney	Date reported: 05/01/94
cc:	Lease or well #: W. Tonto B. Springs
cc:	County: Lea State: N.M.
Company: Subsurface Water Disp. Inc.	Formation:
Address: P.O. Box 1002	Depth:
Service Engineer: K. Kearney	Submitted by: K. Kearney

CHEMICAL COMPOSITION :	MG/L	MG/L
Chloride (Cl)	110000	3103
Iron (Fe) (total)	6.0	
Total hardness	8400	
Calcium (Ca)	2887	144
Magnesium (Mg)	291	23
Bicarbonates (HCO3)	329	5
Carbonates (CO3)	0	
Sulfates (SO4)	377	8
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	n/a	
Sodium (Na)	67820	2949
Total dissolved solids	181706	
Barium (Ba)	n/a	
Selenium (Se)	n/a	
Specific Gravity	1.129	
Density (#/gal.)	9.409	
pH	6.200	
IONIC STRENGTH	3.20	

Stiff-Davis (CaCO3) Stability Index :  
 $SI = pH - pCa - pAlk - R$

SI @ 86 F =	-0.11
104 F =	+0.12
122 F =	+0.38
140 F =	+0.67
158 F =	+0.95

This water is 3672 mg/l (-87.30%) under ITS CALCULATED  
 CaSO4 saturation value at 82 F.  
 SATURATION= 4206 mg/L      PRESENT= 534 mg/L

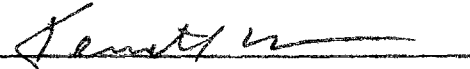
REPORTED BY ROBERT C MIDDLETON  
 TECHNICAL SERVICES REPRESENTATIVE

# Affidavit of Publication

State of New Mexico,  
County of Lea.

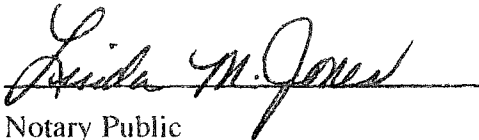
I, KENNETH NORRIS  
GENERAL MANAGER  
of the Hobbs News-Sun, a  
newspaper published at Hobbs, New  
Mexico, do solemnly swear that the  
clipping attached hereto was  
published in the regular and entire  
issue of said newspaper, and not a  
supplement thereof for a period

of 1 issue(s).  
Beginning with the issue dated  
August 30, 2009  
and ending with the issue dated  
August 30, 2009

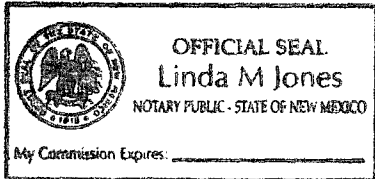


GENERAL MANAGER

Sworn and subscribed to before me  
this 31st day of  
August, 2009

  
Notary Public

My commission expires  
June 16, 2013  
(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  
AUGUST 30, 2009

Agua Sucia, LLC, 14605 Memorial Drive, Bixby, OK 74008  
has made application for renewal of a previously operating  
salt water disposal well authorized by order number  
SWD-559. Agua Sucia has filed Form C-108 (Application  
for Authority to Inject) with the New Mexico Oil Conserva-  
tion Division for administrative approval for salt water dis-  
posal in its Government 'E' Well No. 1. The well, API  
No.30-025-23708 is located 610 FSL & 1880 FWL in Sec-  
tion 25, Township 19 South, Range 34 East in Lea County,  
New Mexico. Produced water from the Bone Spring forma-  
tion will be disposed into the Bone Spring formation from  
approximately 9,716 to 10,236 feet at a maximum injection  
pressure of 1943 psi at a maximum rate limited only by this  
pressure. The recently repaired well has successfully  
passed a mechanical integrity test witnessed by a repre-  
sentative of the NMOCD.

Interested parties wishing to object to the proposed applica-  
tion must file with the New Mexico Oil Conservation Divi-  
sion, 1220 St. Francis Dr., Santa Fe, NM 87505 within 15  
days of the date of this notice. Additional information may  
be obtained from Agua Sucia, LLC at the above address or  
its agent, SOS Consulting, LLC, (903)488-9850.  
#25194

67104417                      00037835  
BEN STONE  
SOS CONSULTING, LLC.  
P.O. BOX 300  
COMO, TX 75431

**C-108 ITEM XIII – PROOF OF NOTIFICATION  
INTERESTED PARTIES LIST**

**SURFACE OWNER**

U.S. DEPARTMENT OF INTERIOR  
Bureau of Land Management  
Oil & Gas Division  
2909 W. Second Street  
Roswell, NM 88201-2019

**SWD RIGHT-OF-WAY HOLDER**

AGUA SUCIA, LLC  
1009 W. Broadway  
Hobbs, NM 88241

**OFFSET MINERALS LESSEES**

ARMSTRONG ENERGY CORP.  
P.O. Box 1973  
Roswell, NM 88202

COG OPERATING, LLC  
500 W. Texas, Ste.1300  
Midland, TX 79701

MERIT ENERGY COMPANY  
13727 Noel Road, Suite 500  
Dallas, TX 75240

TRILOGY OPERATING INC.  
P.O. Box 7606  
Midland, TX 79708

**REGULATORY**

NEW MEXICO OIL CONSERVATION DIVISION  
1625 N. French Dr.  
Hobbs, NM 88240

U.S. DEPARTMENT OF INTERIOR  
Bureau of Land Management  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220



August 28, 2009

Mr. Robert Armstrong  
Armstrong Energy Corporation  
P.O. Box 1973  
Roswell, New Mexico 88202

**Subject: Application of Agua Sucia, LLC to reinstate a permit for salt water disposal for its Government 'E' Well No.1 located in Unit Letter 'N', Section 25, Township 19-S, Range 34-E, Lea County, New Mexico.**

Dear Mr. Armstrong:

Agua Sucia, LLC, 14605 Memorial Drive, Bixby, OK 74008 has filed an Application for Authority to Inject (C-108) with the New Mexico Oil Conservation Division for reinstatement of OCD Order SWD-559. Produced water from Queen (and other Delaware Group producing formations) and the Bone Spring formation will be disposed into the Bone Spring formation through perforations from 9,716 to 10,236 feet at a maximum injection pressure of 1943 psi at a maximum rate limited only by this pressure.

Immediately prior to Agua Sucia's purchase of the SWD facility, the newly repaired well had over 5700 feet of new 4-inch flush joint casing installed as well as nearly 9600 feet of new plastic-coated injection tubing and packer. The well passed an OCD witnessed, post-repair mechanical integrity test in April of this year. Buddy Hill, the supervisor of the Hobbs OCD district office confirmed to me in a telephone conversation that "We've had lots of issues with [the previous operator]" and that, "... the well is technically sound and ready for injection". (L. Hill, 5/19/2009). The repair operation was at considerable expense and will allow the salt water disposal well to operate safely and effectively for years to come. Agua Sucia, LLC is committed to this outcome and to being a good neighbor.

I would implore you to please review the enclosed copy of Agua Sucia's C-108 application. If you require additional information, please don't hesitate to contact me or Denis Schoenhofer, the owner of Agua Sucia, LLC at the above address or by calling him at 918-366-7957.

Thank you for your attention in this matter.

Best regards,



Ben Stone, Partner

Cc: Application file  
New Mexico Oil Conservation Division

August 28, 2009

*Subject: Application of Agua Sucia, LLC to reinstate a permit for salt water disposal for its Government 'E' Well No.1 located in Section 25, Twp 19-S, Rng 34-E, Lea County, New Mexico.*

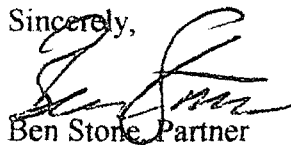
To Whom It May Concern:

Agua Sucia, LLC, 14605 Memorial Drive, Bixby, OK 74008 has made application for renewal of a previously operating salt water disposal well authorized by order number SWD-559. Agua Sucia has filed Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval for salt water disposal in its Government 'E' Well No.1. The well, API No.30-025-23708 is located 610 FSL & 1880 FWL in Section 25, Township 19 South, Range 34 East in Lea County, New Mexico. Produced water from the Bone Spring formation will be disposed into the Bone Spring formation from approximately 9,716 to 10,236 feet at a maximum injection pressure of 1943 psi at a maximum rate limited only by this pressure.

Additional information may be obtained from Agua Sucia, LLC at the above address, attention Denis Schoenhofer, or its agent, SOS Consulting, LLC, (903)488-9850. Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505 within 15 days of the date of this notice.

Thank you for your attention in this matter.

Sincerely,



Ben Stone, Partner

Cc: Application file  
New Mexico Oil Conservation Division



**C-108 ITEM XIII – Proof of Notification  
Certified Mailing to Interested Parties**

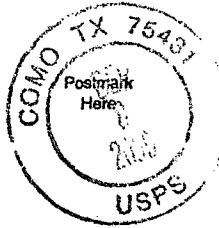
0519 2298 2000 DEPT 9002

**U.S. Postal Service**  
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Certified Fee	280
Return Receipt Fee (Endorsement Required)	230
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 554</b>



**RECEIPT**  
Coverage Provided)

at [www.usps.com](http://www.usps.com)

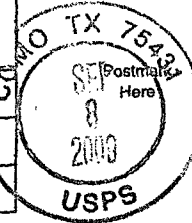
**USE**

Sent To **COG OPERATING, LLC**  
 Street, Apt. No., or PO Box No. **500 W. TEXAS, STE 1300**  
 City, State, ZIP+4 **MILOLAND, TX 79701**

PS Form 3800, August 2006 See Reverse for Instructions

000 DEPT 9002

Return Receipt Fee (Endorsement Required)	230
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 554</b>



**RECEIPT**  
Coverage Provided)

at [www.usps.com](http://www.usps.com)

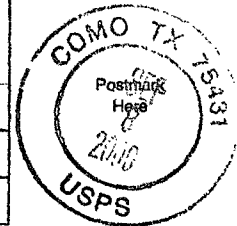
**USE**

Sent To **TRILOGY OPERATING CO.**  
 Street, Apt. No., or PO Box No. **POB 7606**  
 City, State, ZIP+4 **MILOLAND, TX 79708**

PS Form 3800, August 2006 See Reverse for Instructions

000 DEPT 9002

Return Receipt Fee (Endorsement Required)	230
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 554</b>



Sent To **MERIX ENERGY Co.**  
 Street, Apt. No., or PO Box No. **13727 NORR RD., STE 500**  
 City, State, ZIP+4 **DALLAS, TX 75240**

PS Form 3800, August 2006 See Reverse for Instructions

**C-108 ITEM XIII – Proof of Notification**  
**FedEx'd Copies of Application to Parties with Particular Interest**

1. NMOCD – Santa Fe, NM – Application package with all originals
2. Armstrong Energy Corporation – Roswell, NM
3. Bureau of Land Management – Carlsbad, NM
4. NMOCD – Hobbs District Office, Hobbs, NM
5. Agua Sucia, LLC – Bixby, OK
6. Lee Engineering – Midland, TX
7. James Bruce – Santa Fe, NM

<https://www.fedex.com/shipping/html/en/PrintIFrame>

From: Origin ID: SLRA (803) 486-9850  
 Benjamin Stone  
 SOS Consulting, LLC  
 1850 CR 2331



Ship Date: 08SEP09  
 ActWgt: 1.0 LB  
 CAD: 100120807/NET9060  
 Account#: 9

Corso, TX 75431

Delivery Address Bar Code



SHIP TO: (505) 476-3448 **BILL SENDER**

**Will Jones**  
**NM Oil Conservation Division**  
**1220 S SAINT FRANCIS DR**

Ref #  
 Invoice #  
 PO #  
 Dept #

**SANTA FE, NM 87505**

WED - 08SEP A2

<https://www.fedex.com/shipping/html/en/PrintIFrame>

From: Origin ID: SLRA (803) 486-9850  
 Benjamin Stone  
 SOS Consulting, LLC  
 1850 CR 2331



Ship Date: 08SEP09  
 ActWgt: 0.5 LB  
 CAD: 100120807/NET9060  
 Account#: 9

Corso, TX 75431

Delivery Address Bar Code



SHIP TO: (575) 625-2222 **BILL SENDER**

**Robert Armstrong**  
**Armstrong Energy Corp.**  
**500 N MAIN ST STE 200**

Ref # Agua Sucia  
 Invoice #  
 PO #  
 Dept #

**ROSWELL, NM 88201**

WED - 09SEP A2

TRK# 7969 2413 2381

<https://www.fedex.com/shipping/html/en/PrintIFrame.html>

From: Origin ID: SLRA (803) 486-9850  
 Benjamin Stone  
 SOS Consulting, LLC  
 1850 CR 2331



Ship Date: 08SEP09  
 ActWgt: 1.0 LB  
 CAD: 100120807/NET9060  
 Account#: 9

Corso, TX 75431

Delivery Address Bar Code



SHIP TO: (575) 234-5909 **BILL SENDER**

**Jim Stovall**  
**BLM - Carlsbad Office**  
**620 E. Greene St.**

Ref #  
 Invoice #  
 PO #  
 Dept #

**Carlsbad, NM 88220**

THU - 10SEP PM

TRK# 7969 2413 2381

\*\* 2DAY \*\*

From: Origin ID: SLRA (903) 488-9850  
Benjamin Stone  
SOS Consulting, LLC  
1950 CR 2331



Come, TX 75431

Ship Date: 08SEP09  
ActWgt: 1.0 LB  
CAD: 100120607/NET0060  
Account#: S

Delivery Address Bar Code



Ref # Agua Sucia GovE#1C-108  
Invoice #  
PO #  
Dept #

SHIP TO: (575) 363-6101 X102 BILL SENDER  
Buddy Hill  
NMOCD - Hobbs District Office  
1625 N FRENCH DR

HOBBS, NM 88240

THU - 10SEP A5

From: Origin ID: SLRA (903) 488-9850  
Benjamin Stone  
SOS Consulting, LLC  
1950 CR 2331



Come, TX 75431

Ship Date: 08SEP09  
ActWgt: 0.5 LB  
CAD: 100120607/NET0060  
Account#: S

Delivery Address Bar Code



Ref # Agua Sucia GovE#1C-108  
Invoice #  
PO #  
Dept #

SHIP TO: (918) 704-2016 BILL SENDER  
Dennis Schoenhofer  
Agua Sucia  
14605 S MEMORIAL DR

From: Origin ID: SLRA (903) 488-9850  
Benjamin Stone  
SOS Consulting, LLC  
1950 CR 2331



Come, TX 75431

Ship Date: 08SEP09  
ActWgt: 0.5 LB  
CAD: 100120607/NET0060  
Account#: S

Delivery Address Bar Code



Ref # Agua Sucia GovE\_No1\_SWD  
Invoice #  
PO #  
Dept #

SHIP TO: (432) 682-1251 BILL SENDER  
Robert Lee  
Lee Engineering  
219 N MAIN ST

MIDLAND, TX 79701

From: Origin ID: SLRA (903) 488-9850  
Benjamin Stone  
SOS Consulting, LLC  
1950 CR 2331



Come, TX 75431

Ship Date: 08SEP09  
ActWgt: 1.0 LB  
CAD: 100120607/NET0060  
Account#: S

Delivery Address Bar Code



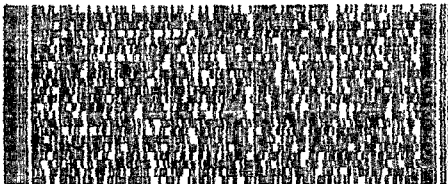
Ref # Agua Sucia GovE\_No1\_SWD  
Invoice #  
PO #  
Dept #

SHIP TO: (505) 992-2043 BILL SENDER  
Jim Bruce  
James Bruce, Esq.  
369 MONTEZUMA AVE  
BOX 213  
SANTA FE, NM 87501

THU - 10SEP A2

TRK# 7979 1173 8989  
0201

\*\* 2DAY \*\*



87501  
NM-US  
ABQ

SC SAFA