

# Matador Production Company

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5295 • Fax 214.866.4883

[telsener@matadorresources.com](mailto:telsener@matadorresources.com)

Tom Elsener  
Vice President—Engineering & Asset Manager

October 19, 2017

Alpha SWD Operating LLC  
4436 Sterling Lane  
Plano, Texas 75093

**Re: Alpha SWD No. 1 (API No. 30-015-44237)  
Section 10, Township 24 South, Range 28 East  
Eddy County, New Mexico  
SWD-1680  
Case No. 15855**

Dear Alpha SWD Operating LLC,

Matador Production Company ("Matador") is actively developing oil and gas resources in close proximity to where you have permitted the Alpha SWD No. 1 (API No. 30-015-44237) salt water disposal well ("SWD"). Matador would like to notify you that its development plan includes the drilling, completion and production of horizontal wells utilizing hydraulic fracture stimulation operations. Matador understands the need of E&P operators to dispose of produced salt water in the Delaware basin and would like to accomplish both the production of hydrocarbons and disposal of salt water in a safe and efficient manner.

Accordingly, Matador recommends several actions to increase the mutual safety of our respective operations:

1. Matador recommends that, to the extent possible, the SWD location be moved to a boundary of the proration unit so that hydraulic fracture stimulation operations in close proximity to the SWD will be minimized. This should reduce the risk of wellbore collision, pore pressure changes and fracture interference. Matador understands that locating disposal wells at the boundaries of active hydrocarbon production areas is not always possible on account of surface limitations, but Matador believes such locations provide the best safeguard to prevent waste and protect correlative rights.
2. Matador recommends that before the SWD is drilled and injection begins you review New Mexico Oil Conservation Division records for active and planned horizontal wells and prudently plan your drilling and injection activities.

3. Matador recommends that full directional surveys are taken during the drilling of the SWD so as to have an accurate record of the placement of the SWD well-bore. Matador hereby requests that such surveys are promptly provided to the New Mexico Oil Conservation Division and made a part of the public record.
4. Matador recommends that all industry recommended best practices for wellbore construction, including those put forth by the American Petroleum Institute, are followed.
5. Matador recommends that Alpha SWD Operating LLC and Matador stay in close communication with regard to ongoing and future operations regarding spud dates, casing and cementing dates and rig release and completion dates.

Regards,

Matador Production Company



Tom Elsener

cc: New Mexico Oil Conservation Division

10/24/2016	SUSPENSE	ENGINEER	10/24/2016	SWD	PPM 1630053276
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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 UL K-910-245-2BE

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [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.

Preston Stein

Print or Type Name

Signature

Vice-President

Title

10/10/2016

Date

preston@delawareenergyllc.com  
 e-mail Address

OCD Case No. 15855

ALPHA SWD OPERATING  
 Exhibit #1

**Delaware Energy, LLC**  
**Application for Injection/SWD**  
**Ruiz SWD #1**

UL K, Sec. 10, T-24-S, R-28-E, 2577' FSL & 2584' FWL, Eddy Co., NM

October 10, 2016

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**Contents:**

1. Administrative Application Checklist
2. Form C-108: Application for Authority to Inject
3. Form C-108 Additional Questions Answered
4. Form C-102
5. Chemical Analysis of Bone Springs Formation Water Sample from T25S, R28E, Eddy Co., NM
6. Chemical Analysis of Wolfcamp Formation Water Sample from T26S, R29E, Eddy Co., NM
7. Chemical Analysis of Delaware Formation Water Sample from T23S, R28E, Eddy Co., NM
8. Wellbore diagram of Ruiz SWD #1 as planned
9. ~~Tabular Data on All Wells of Public Record within the Area of Review which Penetrate the Proposed Injection Zone~~ (No applicable wells)
10. Average depth to fresh water per State Engineers Website
11. Water Well Samples:
  - a. Sec. 11, T24S, R28E
  - b. Sec. 10, T24S, R28E
12. Map Identifying 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
13. Sample of Letter Sent with This Application Packet to Owner of 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
14. Legal Notice that will be run as required in the Carlsbad Current-Argus
15. Formation Tops



**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance xxx Disposal Storage  
Application qualifies for administrative approval? xxx Yes No
- II. OPERATOR: Delaware Energy LLC  
ADDRESS: 3001 W. Loop 250 N. Suite C-105-318, Midland TX 79705  
CONTACT PARTY: Preston Stein PHONE: 214-558-1371
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes XXX No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map 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. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include 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. Attach data 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 re-injected 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. Attach appropriate geologic data on the injection zone 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. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- 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: Preston Stein TITLE: Vice-President  
SIGNATURE: Preston Stein DATE: 10/10/2016  
E-MAIL ADDRESS: Prestonms@delawareenergyllc.com
- \* 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: \_\_\_\_\_

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

### III. WELL DATA

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

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.**

**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.

Side 1

**OPERATOR:** Delaware Energy LLC

WELL NAME & NUMBER: Ruiz SWD No1

WELL LOCATION: 2577' FSL, 2584' FWL      K      10      24S      28E  
FOOTAGE LOCATION      UNIT LETTER      SECTION      TOWNSHIP      RANGE

WELLBORE SCHEMATIC

Surface Casing

WELL CONSTRUCTION DATA

Hole Size: 17-1/2"      Casing Size: 13-3/8"  
Cemented with: 550 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: SURFACE      Method Determined: Circulated  
Total Depth: 400'

Intermediate Casing (N/A)

Hole Size: 12-1/4"      Casing Size: 9-5/8"  
Cemented with: 1000 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: Surface      Method Determined: Circulated  
Total Depth: 2600'

Production Casing\*

Hole Size: 8.75"      Casing Size: 7"  
Cemented with: 2200 sx.      or \_\_\_\_\_ ft<sup>3</sup>  
Top of Cement: surface      Method Determined: Circulated  
Total Depth: 13,650'

Injection Interval

13,650' feet to 14,650' Open hole \_\_\_\_\_

**INJECTION WELL DATA SHEET**

Tubing Size: 4.5" Lining Material: Internally plastic coated

Type of Packer: Weatherford Arrow Set 1X Injection Packer (Nickel Plated)

Packer Setting Depth: 50-100ft above open hole

Other Type of Tubing/Casing Seal (if applicable): NONE

**Additional Data**

1. Is this a new well drilled for injection? XXX Yes No
2. Name of the Injection Formation: Devonian
3. Name of Field or Pool (if applicable): SWD: Devonian
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

N/A.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

BELOW: None

ABOVE: Bone Spring 6,050'-9,347', Wolfcamp 9,347'-11,400', Atoka 11,400'-11,900', Morrow 11,900'-12,800'

**Additional Questions on C-108**

**VII.**

**1. Proposed average and maximum daily rate and volume of fluids to be injected;**  
Average 5,000-10,000 BWPD, Max 17,500 BWPD

**2. Whether the system is open or closed;**  
Open System, Commercial SWD

**3. Proposed average and maximum injection pressure;**  
Average 400-1,000 PSI, Max 2,730 PSI

**4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,**

Bone Spring, Delaware, and Wolfcamp produced water. No known incompatibility exists with these produced water types and the Devonian. Devonian formation is used as a disposal interval in offset Townships for Wolfcamp, Bone Springs, and Delaware produced water. See attached water analysis from Bone Spring, Wolfcamp, and Delaware produced water.

**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.).**

Disposal Interval is barren and does not produce. No Devonian receiving formation water samples in the surrounding area.

**\*VIII. Attach appropriate geologic data on the injection zone 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.**

The proposed disposal interval is located in the Devonian formations 13,650'-14,650'. Devonian is an impermeable Shale at the very top (13,550', Woodford Shale) followed by permeable lime and dolomite. There are no fresh water zones underlying the proposed injection zone. Usable water depth is from surface to +/-300', the water source is older alluvium (Quaternary). All of the fresh water wells in the area have an average depth to water of 50' - 200' (Based on State Engineers Office).

**IX. Describe the proposed stimulation program, if any.**  
20,000 gallons 15% HCL acid job with packer

**X. Attach appropriate logging and test data on the well**

Logs will be filed following drilling operations. See attached log of the Devonian interval from the nearby Cigarillo SWD No 1 (No offset Devonian logs are available).

**XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.**

Attached are water samples from section 10 and 11 of Township 24 South, Range 28 East.

**XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.**

Delaware Energy, LLC. has reviewed and examined available geologic and engineering data in the area of interest for the Ruiz SWD No 1 and have found no evidence of faults or other hydrologic connections between the Devonian disposal zone and the underground sources of drinking water. Furthermore, there exist many impermeable intervals between the injection interval and the fresh ground water in the 13,650' feet of lithology between the top of the Devonian and the base of the ground water.

**Preston Stein** Vice-President 10/10/2016  
Title \_\_\_\_\_ Date \_\_\_\_\_

**III. WELL DATA**

**(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.**  
Ruiz SWD No 1, Sec. 10-T24S-R28E, 2577' FSL & 2584' FWL, UL K, Eddy County, New Mexico

**(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.**

Casing Size	Setting Depth	Sacks of Cement	Hole Size	Top of Cement	Determined
13-3/8"	400'	550	17-1/2"	Surface	CIRC
9-5/8"	2,600'	1000	12-1/4"	Surface	CIRC
7"	13,650'	2200	8-3/4"	Surface	CIRC

**(3) A description of the tubing to be used including its size, lining material, and setting depth.**  
4-1/2" OD, Internally Plastic Coated Tubing set 50 to 100ft above open hole

**(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.**

Weatherford Arrow set 1X injection packer, nickel plated with on/off tool

**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.**

Devonian Formation

Pool Name: SWD (Devonian)

**(2) The injection interval and whether it is perforated or open-hole.**

13,650' to 14,650' (OH)

**(3) State if the well was drilled for injection or, if not, the original purpose of the well.**

Well is a planned new drill for SWD

**(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.**

None, well is a planned new drill

**(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.**

Next Higher: Bone Spring 6,050'-9,347', Wolfcamp 9,347'-11,400'', Atoka 11,400'-11,900', Morrow 11,900'-12,800'

Next Lower: None

District I  
1425 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-		<sup>2</sup> Pool Code Undesignated	<sup>3</sup> Pool Name SWD; Devonian
<sup>4</sup> Property Code	<sup>5</sup> Property Name Ruiz SWD		<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 371195	<sup>8</sup> Operator Name Delaware Energy, LLC		<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	10	24 S	28 E		2577'	South	2584'	West	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
	Signature _____ Date _____	
	Preston Stein Printed Name Prestonstein@delawareenergyllc.com E-mail Address	
	<b><sup>18</sup> SURVEYOR CERTIFICATION</b>	
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
	Date of Survey _____	
	Signature and Seal of Professional Surveyor: _____	
	WAITING ON SIGNED PLAT	
	Certificate Number _____	



Sec 22, T25S, R28E

North Permian Basin Region

P.O. Box 740

Sundown, TX 79372-0740

(806) 229-8121

Lab Team Leader - Sheila Hernandez

(432) 495-7240

Bone Spring

## Water Analysis Report by Baker Petrolite

Company:		Sales RDT:	33514.1
Region:	PERMAN BASIN	Account Manager:	TONY HERNANDEZ (575) 910-7135
Area:	ARTESIA, NM	Sample #:	534685
Lease/Platform:	PINOCHLE 'BPN' STATE COM	Analysis ID #:	106795
Entity (or well #):	2 H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 534685 @ 75 F					
Sampling Date:	03/10/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	03/18/11	Chloride:	109618.8	3091.92	Sodium:	70276.7	3056.82
Analyst:	SANDRA GOMEZ	Bicarbonate:	2135.0	34.99	Magnesium:	195.0	16.04
		Carbonate:	0.0	0.	Calcium:	844.0	42.12
TDS (mg/l or g/m3):	184911.1	Sulfate:	747.0	15.55	Strontium:	229.0	5.02
Density (g/cm3, tonne/m3):	1.113	Phosphate:			Barium:	0.8	0.01
Anion/Cation Ratio:	1	Borate:			Iron:	6.5	0.23
		Silicate:			Potassium:	889.0	22.22
					Aluminum:		
Carbon Dioxide:	0.50 PPM	Hydrogen Sulfide:		0 PPM	Chromium:		
Oxygen:		pH at time of sampling:		7	Copper:		
Comments:		pH at time of analysis:			Lead:		
		pH used in Calculation:		7	Manganese:	0.100	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.08	188.62	-1.20	0.00	-1.18	0.00	-0.11	0.00	0.88	0.29	1.72
100	0	1.10	208.05	-1.29	0.00	-1.20	0.00	-0.15	0.00	0.35	0.29	2.35
120	0	1.12	224.17	-1.38	0.00	-1.18	0.00	-0.17	0.00	0.16	0.00	3.17
140	0	1.13	243.17	-1.42	0.00	-1.18	0.00	-0.18	0.00	0.00	0.00	4.21

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

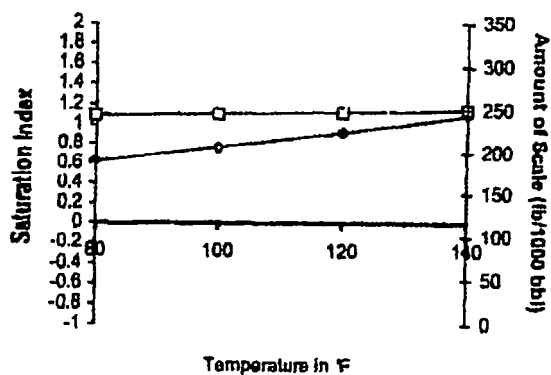
Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> fugacity. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

# Scale Predictions from Baker Petrolite

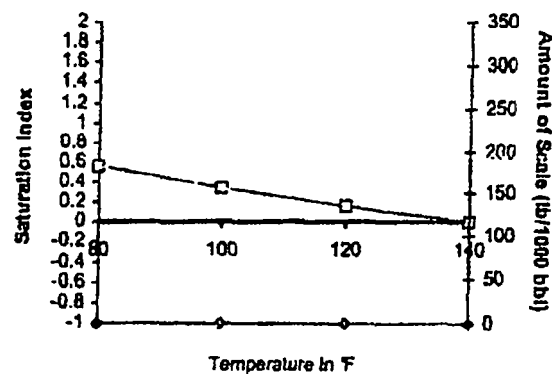
Analysis of Sample 534865 @ 75 F for

03/18/11

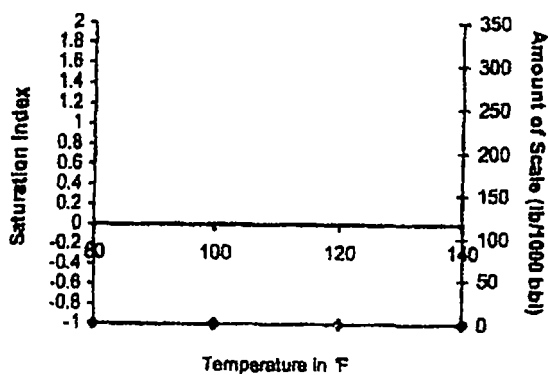
Calcite -  $\text{CaCO}_3$



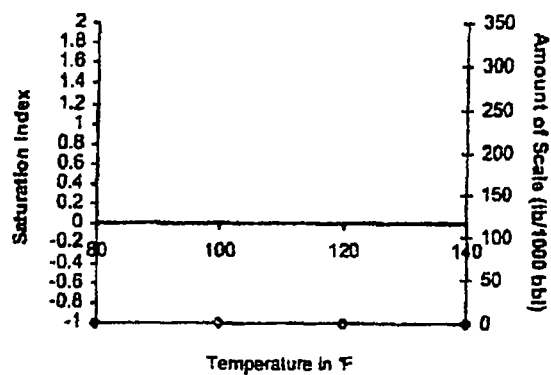
Barite -  $\text{BaSO}_4$



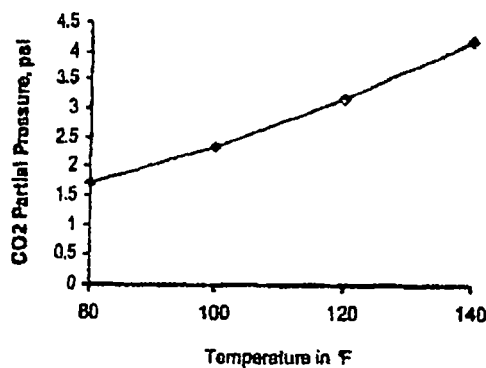
Gypsum -  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$



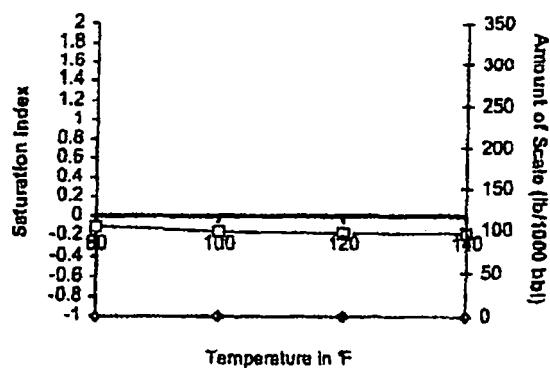
Anhydrite -  $\text{CaSO}_4$



Carbon Dioxide Partial Pressure



Celestite -  $\text{SrSO}_4$



Wolfcamp



## Water Analysis

Date: 23-Aug-11

2708 West County Road, Hobbs NM 88240

Phone (575) 392-5556 Fax (575) 392-7307

Analyzed For

*Brushy Draw 1#1*

Company	Well Name	County	State
	BD	Lea	New Mexico

Sample Source

Swab Sample

Sample #

*Eddy*

*1-265-296*

1

Formation

Depth

Specific Gravity	1.170	SG @ 60 °F	1.172
pH	8.30	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

### Cations

Sodium (Calc)	in Mg/L	77,982	in PPM	66,520
Calcium	in Mg/L	4,000	in PPM	3,413
Magnesium	in Mg/L	1,200	in PPM	1,024
Soluble Iron (Fe2)	in Mg/L	10.0	in PPM	9

### Anions

Chlorides	in Mg/L	130,000	in PPM	110,922
Sulfates	in Mg/L	250	in PPM	213
Bicarbonates	in Mg/L	127	in PPM	108

Total Hardness (as CaCO3)	in Mg/L	15,000	in PPM	12,799
Total Dissolved Solids (Calc)	in Mg/L	213,549	in PPM	182,209
Equivalent NaCl Concentration	in Mg/L	182,868	in PPM	158,031

### Scaling Tendencies

\*Calcium Carbonate Index 507,520

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

\*Calcium Sulfate (Gyp) Index 1,000,000

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

\*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks RW=.048@70F

Report # 3188

Sec 16, T23S R 28E



PRODUCTION DEPARTMENT

MILLER CHEMICALS, INC.

Post Office Box 298  
Artesia, N.M. 88211-0298  
(505) 748-1919 Artesia Office  
(505) 392-2893 Hobbs Office  
(505) 748-1918 Fax  
mci@plateautel.net

Delaware Brushy Canyon

WATER ANALYSIS REPORT

Company :  
Address :  
Lease : LOVING "AIB"  
Well : #13  
Sample Pt. : WELLHEAD

Date : MARCH 17, 2008  
Date Sampled : MARCH 17, 2008  
Analysis No. :

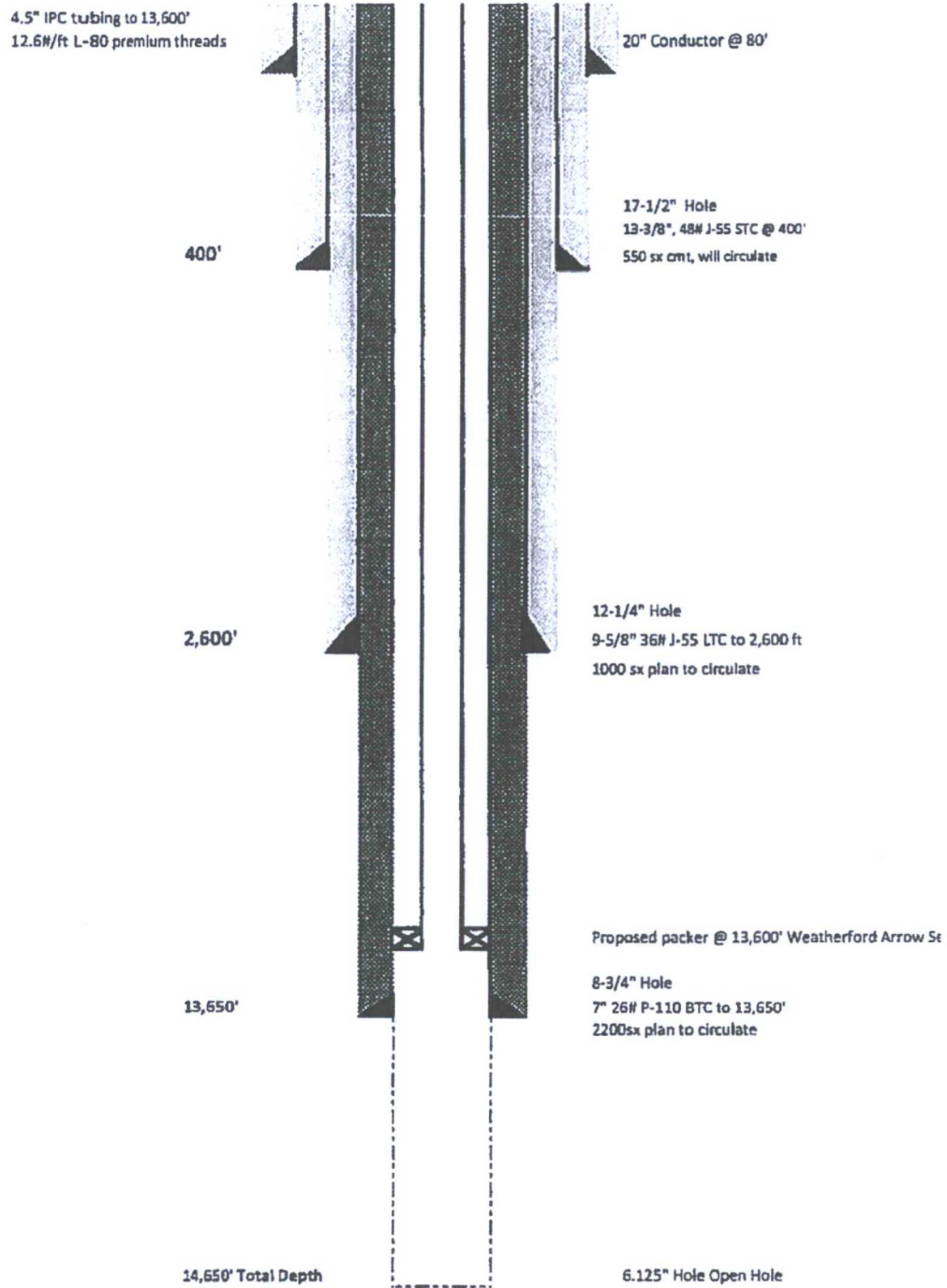
ANALYSIS		mg/L	* meq/L
-----		----	-----
1. pH	6.0		
2. H2S	0		
3. Specific Gravity	1.070		
4. Total Dissolved Solids		304684.9	
5. Suspended Solids		NR	
6. Dissolved Oxygen		NR	
7. Dissolved CO2		NR	
8. Oil In Water		NR	
9. Phenolphthalein Alkalinity (CaCO3)			
10. Methyl Orange Alkalinity (CaCO3)			
11. Bicarbonate	HCO3	927.0	HCO3 15.2
12. Chloride	Cl	187440.0	Cl 5287.4
13. Sulfate	SO4	500.0	SO4 10.4
14. Calcium	Ca	37200.0	Ca 1856.3
15. Magnesium	Mg	996.3	Mg 82.0
16. Sodium (calculated)	Na	77586.6	Na 3374.8
17. Iron	Fe	35.0	
18. Barium	Ba	NR	
19. Strontium	Sr	NR	
20. Total Hardness (CaCO3)		97000.0	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
-----	-----	-----	-----
1856  *Ca <----- *HCO3   15	Ca (HCO3)2	81.0	15.2 1231
/----->	CaSO4	68.1	10.4 709
82  *Mg -----> *SO4   10	CaCl2	55.5	1830.7 101584
<-----/	Mg (HCO3)2	73.2	
3375  *Na -----> *Cl   5287	MgSO4	60.2	
-----	MgCl2	47.6	82.0 3902
Saturation Values Dist. Water 20 C	NaHCO3	84.0	
CaCO3 13 mg/L	Na2SO4	71.0	
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4	3374.8 197223
BaSO4 2.4 mg/L			

REMARKS:

Ruiz SWD No 1  
 2577' FSL & 2584' FWL, UL K, SEC. 10, T-24S R-28E, Eddy County, NM  
 API # 30-015-





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

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

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

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

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

(In feet)

POD Number	POD Sub- Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Range	X	Y	Depth Well	Depth Water	Water Column
<u>C 00570</u>	C	ED		1	1	10	24S	28E		586490	3567195*	100	28	72
<u>C 00764</u>		ED		3	1	3	10	24S	28E	586399	3566292*	118	25	93
<u>C 00890</u>		ED		3	3	4	10	24S	28E	587211	3565897*	50		
<u>C 00962</u>	C	ED		3	3	10	24S	28E		586505	3565992*	63	9	54
<u>C 01237</u>	C	ED		1	1	2	10	24S	28E	587197	3567298*	123		
<u>C 01442</u>	C	ED		1	2	10	24S	28E		587298	3567199*	100		
<u>C 03604 POD1</u>	CUB	ED		2	4	3	10	24S	28E	526534	3565712	38	24	14

Average Depth to Water: 21 feet

Minimum Depth: 9 feet

Maximum Depth: 28 feet

Record Count: 7

Basin/County Search:

Basin: Carlsbad

PLSS Search:

Section(s): 10

Township: 24S

Range: 28E

\*UTM location was derived from PLSS - see Help

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

10/2/16 2:45 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



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

(A CLW#### In the  
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& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)  
closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q	Q	Q	Sec	Tws	Ring	X	Y	Depth Well	Depth Water Column	Water
<u>C 00574</u>		ED	2	4	4	11	24S	28E		589452	3566081*	200	20	180
<u>C 01082</u>		ED	3	3	2	11	24S	28E		588832	3566693*	120		

Average Depth to Water: 20 feet

Minimum Depth: 20 feet

Maximum Depth: 20 feet

Record Count: 2

Basin/County Search:

Basin: Carlsbad

PLSS Search:

Section(s): 11

Township: 24S

Range: 28E

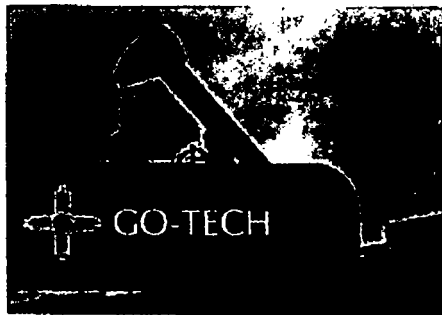
\*UTM location was derived from PLSS - see Help

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

10/2/16 2:47 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



## E NM WAIDS

## E-Data

- Produced Water
- Ground Water
- Conversion Tools

## E-Scale

- Scale details
- Stiff
- Odor
- Probable Mineral Composition
- mix

## E-Corrosion

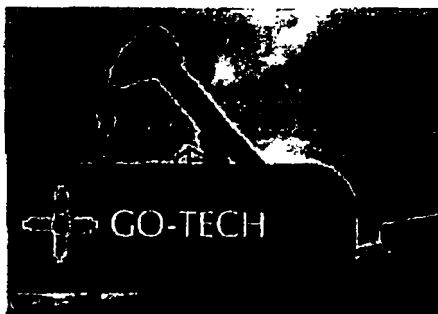
## - Theory

- Uniform
- Galvanic
- Crevice
- Hydrogen Damage
- EIC
- Erosion

General Information About: Sample 7747

Section/ Township/Range	11 / 24S / 28E	Lat/Long	32 2319/-104 0579
Elevation	2877.3	Depth	200
Date Collected	8/20/1997 12:00:00 AM	Chlorides	790
Collector Point of Collection	SEO/SBBLR	Use	Irrigation Water
Formation	OAL	TDS	





## NM WAIDS

## Data

- Produced Water
- Ground Water
- Conversion Tools

## Scale

- Scale details
- Stiff
- Odds
- Probable Mineral Composition
- mix

## Corrosion

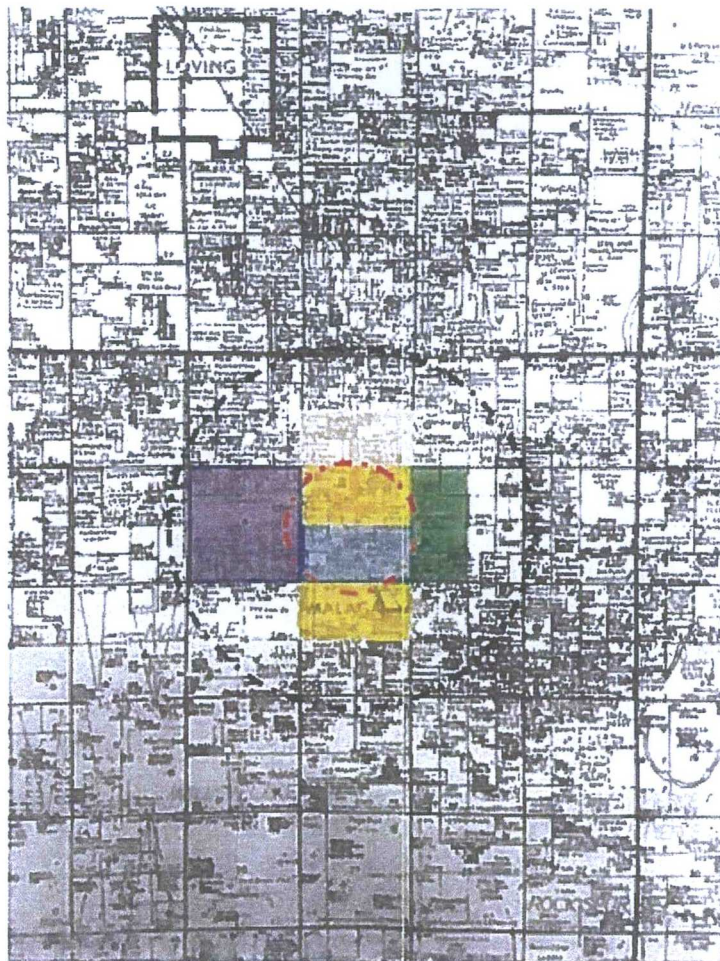
## Theory

- Uniform
- Galvanic
- Crevice
- Hydrogen Damage
- EIC
- Erosion

General Information About: Sample 8018

Section/ Township/Range	10 / 24S / 28E	Lat/Long	32.2319/-104.075
Elevation	3011.3	Depth	56
Date Collected	8/20/1997 12:00:00 AM	Chloride	696
Collector / Point of Collection	SEO/TS@35	Use	
Formation	QAL	TDS	

R42 SWD#1



Mewbourne Oil Company



COG



Chevron



Matador Resource Company



Guardian Operating Corp.

Randle Cat 432-553-1849

**Delaware Energy, L.L.C.**  
3001 W. Loop 250 N., Suite C-105-318  
Midland, TX 79705  
Office: (214) 558-1371

September 06, 2016

**Surface Owner / Offset Operators**

**Re: Notification of Application for Authorization to Inject  
Ruiz SWD No 1 Well**

**Ladies and Gentlemen:**

Delaware Energy, LLC is seeking administrative approval to utilize the proposed Ruiz SWD No 1 as a Salt Water Disposal well. As required by the New Mexico Oil Conservation Division Rules, we are notifying you of the following proposed salt water disposal well. This letter is a notice only. No action is required unless you have questions or objections.

<u>Well:</u>	Ruiz SWD No 1
<u>Proposed Disposal Zone:</u>	Devonian Formation (from 13,650' - 14,650')
<u>Location:</u>	2577' FSL & 2584' FWL, Sec.10, UL K, T24S, R28E, Eddy Co., NM
<u>Applicants Name:</u>	Delaware Energy, L.L.C.
<u>Applicants Address:</u>	3001 W. Loop 250 N., Suite C-105-318, Midland, TX 79705

This application for water disposal well will be filed with the New Mexico Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. And their phone number is 505-476-3460.

Please call Preston Stein with Delaware Energy, LLC if you have any questions at 214-558-1371.

Sincerely,

Preston Stein

**Rulz SWD No 1**

**API#: 30-015-**

**Location: Sec. 10, T-24S, R-28E, UL K**

**Formation Tops**

<b>Lamar</b>	<b>2,500'</b>
<b>Bell Canyon</b>	<b>2,567'</b>
<b>Cherry Canyon</b>	<b>3,376'</b>
<b>Bone Spring Lime</b>	<b>6,050'</b>
<b>Wolfcamp</b>	<b>9,347'</b>
<b>Atoka</b>	<b>11,400'</b>
<b>Morrow</b>	<b>11,900'</b>
<b>Mississippi</b>	<b>13,225'</b>
<b>Woodford Shale</b>	<b>13,550'</b>
<b>Devonian</b>	<b>13,650'</b>

# APPLICATION PROTESTED

Applicant: Delaware Energy, LLC

Application Type: SWD

Well Name: Quiz SWD#1 API: 30-015-Pending

Protestant: Guardian Operating Corp

Date Protest Received: 10-31-2016

Notification of Applicant: 10-31-2016

Resolution: ☐ Hearing ☐ Negotiation ☐ Withdrawn

Copy to Technical Reviewer:

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruce@aol.com](mailto:jamesbruce@aol.com)

November 3, 2016

Via e-mail

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

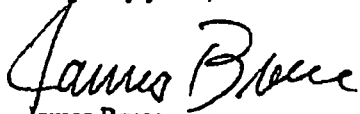
Re: Delaware Energy, LLC  
Administrative SWD application

Ruiz SWD Well No. 1  
Unit K §10-24S-28E  
Eddy County, New Mexico

Ladies and gentlemen:

Matador Production Company and MRC Permian Company object to the above application, due to the well's inadequate casing and cementing design.

Very truly yours,

  
James Bruce

Attorney for Matador Production Company and MRC Permian Company

cc: Preston Stein (via e-mail)

**Goetze, Phillip, EMNRD**

---

**From:** Goetze, Phillip, EMNRD  
**Sent:** Thursday, November 3, 2016 1:43 PM  
**To:** 'Preston Stein'  
**Cc:** Jones, William V, EMNRD; McMillan, Michael, EMNRD; 'jamesbruc@aol.com'; Lowe, Leonard, EMNRD  
**Subject:** Second Protest for Application to Inject - Ruiz SWD Well No. 1

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pMAM1630053276) – Sec 10, T. 24 S., R. 28 E., NMPM, Eddy County.

Mr. Stein

OCD was notified through counsel that Matador Production Company and MRC Permian Company (collectively referred to as "Matador") are protesting this application for approval of a salt water disposal well. Matador has stated that the proposed injection well's proposed casing programs is inadequate. Therefore, you are being notified that if Delaware Energy, LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with these parties. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. PRG

Counsel for Matador Production Company and MRC Permian Company

Jim Bruce, Attorney  
P.O. Box 1056  
Santa Fe, NM 87504  
Phone: 505.928.2043  
E-mail: [jamesbruc@aol.com](mailto:jamesbruc@aol.com)

Phillip Goetze, PG  
Engineering Bureau, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive, Santa Fe, NM 87505  
Direct: 505.476.3466  
E-mail: [phillip.goetze@state.nm.us](mailto:phillip.goetze@state.nm.us)



## **McMillan, Michael, EMNRD**

---

**From:** Preston Stein <Preston@delawareenergyllc.com>  
**Sent:** Wednesday, October 26, 2016 7:53 PM  
**To:** McMillan, Michael, EMNRD  
**Cc:** Goetze, Phillip, EMNRD  
**Subject:** RE: Ruiz SWD Well No. 1

Mike,

The party in W/2 of 11 is actually COG. They are operating the CNB Com #1 in there producing gas out of Morrow. There was an inadvertent color-coding error made when our guys were putting this together. If you'll count the parties we listed, it's accurate numerically as to all the colored tracts.

Sorry for the trouble on that one. I'll provide you all the other info you need ASAP.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. If you have received this communication in error, please immediately notify sender by return e-mail and destroy the communication. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited.

**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Wednesday, October 26, 2016 3:54 PM  
**To:** Preston Stein <preston@delawareenergyllc.com>  
**Cc:** Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>  
**Subject:** Ruiz SWD Well No. 1

Preston:

The administrative SWD application for the San Pounder Federal SWD Well No. 1 was received on October 24, 2016

I need the following information:

Affidavit of publication

Return/receipt for affected parties and the surface owner

Wellbore diagram

The affected party in the W/2 of Section 11 was not notified (the affected party that was colored green)

Your application is suspended, and it will be cancelled within 10-days if the required information is not received

Thank You

**MICHAEL A. MCMILLAN**  
Engineering Bureau, Oil Conservation Division  
1220 south St. Francis Dr., Santa Fe NM 87505  
O; 505.476.3448



**McMillan, Michael, EMNRD**

---

**From:** Randy Cate <guardianopcorp@yahoo.com>  
**Sent:** Monday, October 31, 2016 10:27 AM  
**To:** McMillan, Michael, EMNRD; Goetze, Phillip, EMNRD  
**Subject:** Re: Delaware Energy Ruiz No.1 SWD

Michael and Phillip,

I received an application on the Ruiz SWD #1 and wish to protest/object to administrative approval. I believe their casing design to be inadequate among other things. Please confirm receipt of this email.

Regards,

Randy Cate Guardian Operating Corp. RSC Resources, L.P. 432-553-1849

---

**From:** Randy Cate <guardianopcorp@yahoo.com>  
**To:** "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>; Goetze Phillip EMNRD <phillip.goetze@state.nm.us>  
**Cc:** Ben Stone <ben@sosconsulting.us>  
**Sent:** Friday, May 6, 2016 1:36 PM  
**Subject:** Guardian Operating C-108 Application and Hearing- Kirkes No.1 SWD

Mike and Phillip,

Please be advised Guardian has told its Counsel, Scott Hall, to dismiss the Hearing for injection into the Cherry Canyon interval..

Guardian will likely re-apply or amend as a Devonian in the near future.

Regards,

Randy Cate  
Guardian Operating Corp.  
RSC Resources, L.P.  
432-553-1849

DATE IN 7-3-2017	SUSPENSE	ENGINEER PRG	LOGGED IN 7-6-2017	TYPE SWD	APP NO. PKSC1718235697
------------------	----------	--------------	--------------------	----------	------------------------

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] Delaware Energy (371195)  
 [A] Location - Spacing Unit - Simultaneous Dedication Ruiz SWD #1 (30-015-Pending)  
☐ NSL ☐ NSP ☐ SD SWD; Delaware 96101  
 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 \_\_\_\_\_
- [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.

**Mike McCurdy**

Print or Type Name

Signature

**Operations Engineer**

Title

**7/02/2017**

Date

OCD Case No. 15855

ALPHA SWD OPERATING  
**Exhibit #2**

mmccurdy@delawareenergyllc.com  
 e-mail Address

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL  
RESOURCES DEPARTMENT

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

FORM C-108  
Revised June 10, 2003

**APPLICATION FOR AUTHORIZATION TO INJECT**

I. PURPOSE: Secondary Recovery Pressure Maintenance xxx Disposal Storage  
Application qualifies for administrative approval? xxx Yes No

II. OPERATOR: Delaware Energy LLC

ADDRESS: 3001 W. Loop 250 N, Suite C-105-318, Midland TX 79705

CONTACT PARTY: Mike McCurdy PHONE: 432-312-5251

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? Yes xxx No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

V. Attach a map 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. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include 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. Attach data 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 re-injected 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. Attach appropriate geologic data on the injection zone 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. Describe the proposed stimulation program, if any.

\*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

\*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

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: Mike McCurdy TITLE: Operations Engineer

SIGNATURE:  DATE: 7/02/2017

E-MAIL ADDRESS: Mmccurdy@delawareenergyllc.com

\* 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: \_\_\_\_\_

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

### III. WELL DATA

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

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.

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.  
Side 1

OPERATOR: Delaware Energy LLC

WELL NAME & NUMBER: Ruiz SWD No1

WELL LOCATION: 2565' FSL, 2,360'

<u>FWL</u>	<u>K</u>	<u>10</u>	<u>24S</u>	<u>28E</u>
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
(See attached wellbore diagram)

Surface Casing

Hole Size: 24"

Casing Size: 20"

Cemented with: 1400 sx.

or                      ft<sup>3</sup>

Top of Cement: SURFACE

Method Determined: Circulated

Total Depth: 400'

Intermediate Casing

Hole Size: 17-1/2"

Casing Size: 13-3/8"

Cemented with: 2,000 sx.

or                      ft<sup>3</sup>

Top of Cement: SURFACE

Method Determined: Circulated

Total Depth: 2,600'

2<sup>nd</sup> Intermediate Casing

Hole Size: 12-1/4"

Casing Size: 9-5/8"

Cemented with: 2,200 sx.

or                      ft<sup>3</sup>

Top of Cement: Surface

Method Determined: Circulated

Total Depth: 9,500'

Production Casing

Hole Size: 8.5"

Casing Size: 7"

Cemented with: 2,200 sx.

or                      ft<sup>3</sup>

Top of Cement: surface

Method Determined: Circulated

Total Depth: 13,650'

Injection Interval

13,650' feet to 14,650' Open hole

**INJECTION WELL DATA SHEET**

Tubing Size: 4.5" Lining Material: Internally plastic coated

Type of Packer: Weatherford Arrow Set 1X Injection Packer (Nickel Plated)

Packer Setting Depth: 50-100ft above open hole

Other Type of Tubing/Casing Seal (if applicable): NONE

**Additional Data**

1. Is this a new well drilled for injection? XXX Yes No
2. Name of the Injection Formation: Devonian
3. Name of Field or Pool (if applicable): SWD: Devonian
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

N/A.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

**BELOW: None**

**ABOVE: Bone Spring 6,050'-9,347', Wolfcamp 9,347'-11,400', Atoka 11,400'-11,900', Morrow 11,900'-12,800'**



Additional Questions on C-108

**VII.**

**1. Proposed average and maximum daily rate and volume of fluids to be injected;**  
Average 20,000 BHPD, Max 25,000 BHPD

**2. Whether the system is open or closed;**  
Open System, Commercial SWD

**3. Proposed average and maximum injection pressure;**  
Average 1,000-2,000 PSI, Max 2,730 PSI

**4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,**

Bone Spring, Delaware, and Wolfcamp produced water. No known incompatibility exists with these produced water types and the Devonian. Devonian formation is used as a disposal interval in offset Townships for Wolfcamp, Bone Springs, and Delaware produced water. See attached water analysis from Bone Spring, Wolfcamp, and Delaware produced water.

**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.).**

Disposal interval is barren and does not produce. No Devonian receiving formation water samples in the surrounding area.

**\*VIII. Attach appropriate geologic data on the injection zone 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.**

The proposed disposal interval is located in the Devonian formations 13,650'-14,650'. Devonian is an impermeable Shale at the very top (13,550', Woodford Shale) followed by permeable lime and dolomite. There are no fresh water zones underlying the proposed injection zone. Usable water depth is from surface to +/-300', the water source is older alluvium (Quaternary). All of the fresh water wells in the area have an average depth to water of 50' - 200' (Based on State Engineers Office).

**IX. Describe the proposed stimulation program, if any.**

20,000 gallons 15% HCL acid job with packer

**X. Attach appropriate logging and test data on the well**

Logs will be filed following drilling operations, Cased hole CBL, Gamma, CCL Open Hole Neutron, Resistivity, Gamma.

**XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.**

Attached are water samples from section 10 and 11 of Township 24 South, Range 28 East.

**XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.**

Delaware Energy, L.L.C. has reviewed and examined available geologic and engineering data in the area of interest for the Ruiz SWD No 1 and have found no evidence of faults or other hydrologic connections between the Devonian disposal zone and the underground sources of drinking water. Furthermore, there exist many impermeable intervals between the injection interval and the fresh ground water in the 13,650' feet of lithology between the top of the Devonian and the base of the ground water.

**Mike McCurdy**

**Operations Engineer**

**7/02/2017**

**Title**

**Date**

### **III. WELL DATA**

**(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.**

Ruiz SWD No 1, Sec. 10-T24S-R28E, 2565' FSL & 2,360' FWL, UL K, Eddy County, New Mexico

**(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.**

Casing Size	Setting Depth	Sacks of Cement	Hole Size	Top of Cement	Determined
20"	400'	1,400	24"	Surface	CIRC
13-3/8"	2,600'	2,000	17-1/2"	Surface	CIRC
9-5/8"	9,500'	2,200	12-1/4"	Surface	CIRC
7"	13,650'	2,200	8-1/2"	Surface	CIRC

**(3) A description of the tubing to be used including its size, lining material, and setting depth.**

4-1/2" OD, Internally Plastic Coated Tubing set 50 to 100ft above open hole

**(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.**

Weatherford Arrow set 1X injection packer, nickel plated with on/off tool

**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.**

Devonian Formation

Pool Name: SWD (Devonian)

**(2) The injection interval and whether it is perforated or open-hole.**

13,650' to 14,650' (OH)

**(3) State if the well was drilled for injection or, if not, the original purpose of the well.**

Well is a planned new drill for SWD

**(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.**

None, well is a planned new drill

**(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.**

Next Higher: Bone Spring 6,050'-9,347', Wolfcamp 9,347'-11,400'', Atoka 11,400'-11,900', Morrow 11,900'-12,800'

Next Lower: None

**DISTRICT I**  
1625 S. French Dr., Hobbs, NM 88240  
Phone (505) 525-5151 Fax (505) 525-5725

**DISTRICT II**  
511 S. First St., Artesia, NM 88210  
Phone (505) 745-1555 Fax (505) 745-5755

**DISTRICT III**  
1000 Rio Grande Rd., Aztec, NM 87410  
Phone (505) 824-5170 Fax (505) 824-5170

**DISTRICT IV**  
1825 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 475-5455 Fax (505) 475-5455

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name RUIZ SWD	Well Number 1
OGED No.	Operator Name DELAWARE ENERGY	Elevation 3004'

**Surface Location**

UL or lot No. K	Section 10	Township 24 S	Range 28 E	Lot Idn	Feet from the 2565	North/South line SOUTH	Feet from the 2360	East/West line WEST	County EDDY
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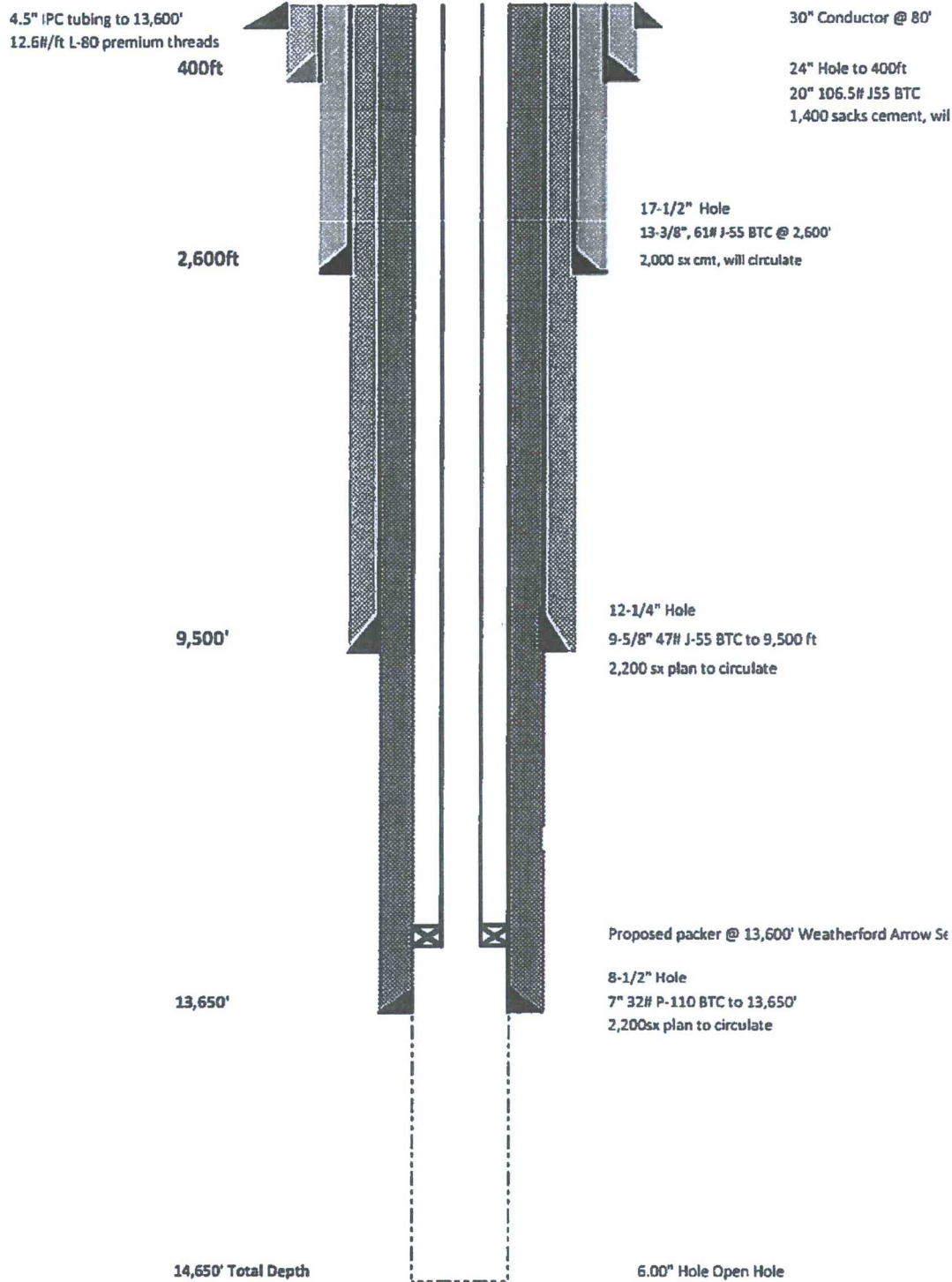
**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p>N: 451023.3 E: 618379.7 (NAD83)</p> <p>N: 451022.2 E: 621035.6 (NAD83)</p> <p>N: 445815.1 E: 618414.4 (NAD83)</p> <p>N: 445832.7 E: 621082.4 (NAD83)</p> <p><b>SURFACE LOCATION</b> Lat - N 32.332453° Long - W 104.878481° NMSPCE - N 448393.2 E 620757.1 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature <u>[Signature]</u> Date <u>6/30/2017</u></p> <p>Printed Name <u>Mike McCurdy</u></p> <p>Email Address <u>mccurdy@delawareenergyllc.co</u></p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date Surveyed <u>6/30/2017</u></p> <p>Signature <u>[Signature]</u> of Professional Surveyor</p> <p>Certification No. <u>7977</u></p> <p>Scale: 1" = 2000'</p> <p>WD Num: 33124</p>
--	---

Ruiz SWD No 1  
 2,565' FSL & 2,360' FWL, UL K, SEC. 10, T-24S R-28E, Eddy County, NM  
 API # 30-015-



Sec 22, T25S, R28E

North Permian Basin Region

P.O. Box 740

Sundown, TX 79372-0740

(806) 229-8121

Lab Team Leader - Sheila Hernandez

(432) 498-7260

Bone Spring

# Water Analysis Report by Baker Petrolite

Company:		Sales RDT:	33914.1
Region:	PERMIAN BASIN	Account Manager:	JOY HERNANDEZ (575) 910-7135
Area:	ARTESIA, NM	Sample #:	534865
Lease/Platform:	PEMOCHILE SPV STATE COM	Analysis ID #:	106798
Entity (or well #):	2 H	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 534865 @ 75 °F					
Sampling Date:	03/10/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	03/18/11	Chloride:	109818.8	3091.82	Sodium:	70278.7	3058.83
Analyst:	SANDRA GOMEZ	Bicarbonate:	2135.0	34.89	Magnesium:	183.0	18.04
TDS (mg/l or g/m <sup>3</sup> ):	104911.7	Carbonate:	0.0	0.	Calcium:	844.0	42.12
Density (g/cm <sup>3</sup> , tonne/m <sup>3</sup> ):	1.113	Sulfate:	747.0	14.13	Strontium:	220.0	9.02
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.0	0.01
		Borate:			Iron:	6.8	0.23
		Silicate:			Potassium:	809.0	22.22
Carbon Dioxide:	0.60 PPM	Hydrogen Sulfide:		0 PPM	Aluminum:		
Oxygen:		pH at time of sampling:		7	Chromium:		
Comments:		pH at time of analysis:			Copper:		
		pH used in Calculation:		7	Lead:		
					Manganese:	0.100	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psl	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psl
80	0	1.08	188.62	-1.30	0.00	-1.18	0.00	-0.11	0.00	0.58	0.29	1.72
100	0	1.10	208.05	-1.29	0.00	-1.20	0.00	-0.13	0.00	0.25	0.29	2.38
120	0	1.12	224.17	-1.30	0.00	-1.19	0.00	-0.17	0.00	0.16	0.00	3.17
140	0	1.13	243.17	-1.42	0.00	-1.18	0.00	-0.18	0.00	0.00	0.00	4.31

Note 1: When assessing the severity of the scale problem, both the solubility index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

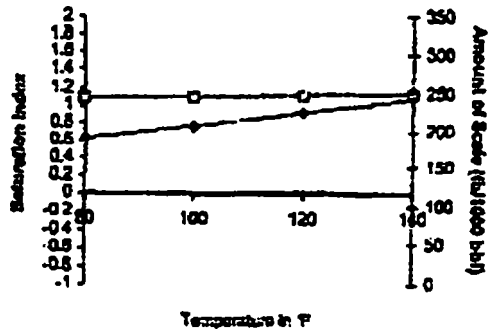
Note 3: The reported CO<sub>2</sub> pressure is actually the calculated CO<sub>2</sub> Aqueous. It is usually nearly the same as the CO<sub>2</sub> partial pressure.

# Scale Predictions from Baker Petrolite

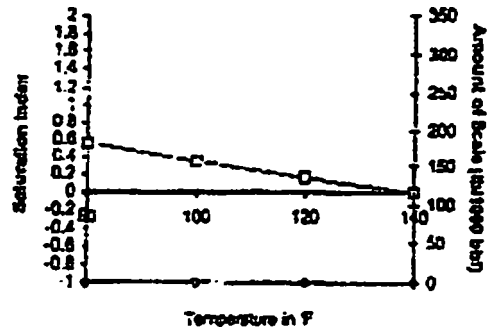
Analysis of Sample 334653 @ 75 °F for

03/18/11

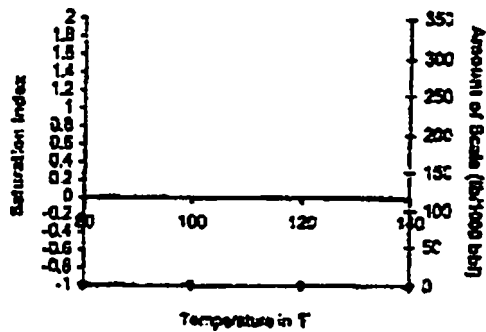
Calcite -  $\text{CaCO}_3$



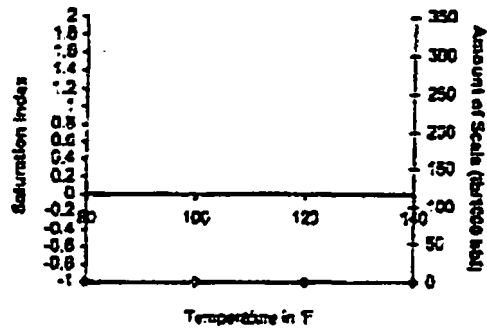
Barite -  $\text{BaSO}_4$



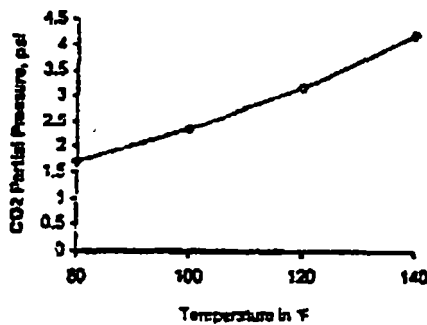
Gypsum -  $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$



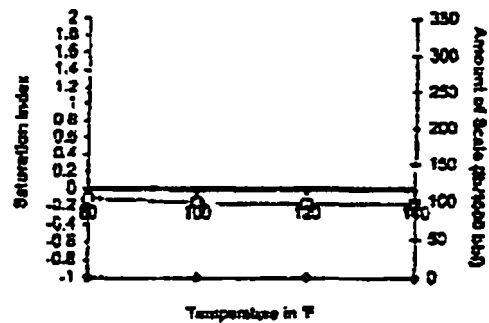
Anhydrite -  $\text{CaSO}_4$



Carbon Dioxide Partial Pressure



Celestite -  $\text{SrSO}_4$



Wolfcamp



# Water Analysis

Date: 23-Aug-11

3705 West County Road, Hobbs NM 88240  
Phone (575) 392-5556 Fax (575) 392-7387

Analyzed For

Brashe Draw 1<sup>st</sup>

Company	Well Name	County	State
BD		Lea	New Mexico

Sample Source

Swab Sample

Sample #

1-265-276

Formation

Depth

Specific Gravity	1.170	SG @ 60°F	1.172
pH	8.30	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

## Cations

Sodium (Calc)	in Mg/L	77,982	in PPM	68,820
Calcium	in Mg/L	4,000	in PPM	3,413
Magnesium	in Mg/L	1,200	in PPM	1,024
Soluble Iron (FE2)	in Mg/L	10.0	in PPM	9

## Anions

Chlorides	in Mg/L	130,000	in PPM	110,022
Sulfates	in Mg/L	250	in PPM	213
Bicarbonates	in Mg/L	127	in PPM	108
Total Hardness (as CaCO3)	in Mg/L	15,000	in PPM	12,789
Total Dissolved Solids (Calc)	in Mg/L	213,549	in PPM	182,209
Equivalent NaCl Concentration	in Mg/L	182,868	in PPM	158,031

## Scaling Tendencies

\*Calcium Carbonate Index 507,520

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

\*Calcium Sulfate (Gyp) Index 1,000,000

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

\*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks RW= .048@70F

Report # 3188



See 16, T23S R28E



PRODUCTION DEPARTMENT

MILLER CHEMICALS, INC.

Post Office Box 296  
Artesia, N.M. 88211-0296  
(505) 748-1919 Artesia Office  
(505) 392-3893 Hobbs Office  
(505) 748-1918 Fax  
mci@platesteel.net

Delaware Brushy Canyon

WATER ANALYSIS REPORT

Company :  
Address :  
Lease : LOVING "A15"  
Well : #13  
Sample Pt. : WELLHEAD

Date : MARCH 17, 2008  
Date Sampled : MARCH 17, 2008  
Analysis No. :

ANALYSIS	mg/L	° meq/L
1. pH	6.0	
2. STS	0	
3. Specific Gravity	1.070	
4. Total Dissolved Solids	204684.9	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO2	NR	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)		
11. Bicarbonate	HCO3 927.0	HCO3 15.2
12. Chloride	Cl 187440.0	Cl 3287.4
13. Sulfate	SO4 500.0	SO4 10.4
14. Calcium	Ca 37200.0	Ca 1836.3
15. Magnesium	Mg 996.3	Mg 82.0
16. Sodium (calculated)	Na 77586.6	Na 3374.8
17. Iron	Fe 35.0	
18. Barium	Ba NR	
19. Strontium	Sr NR	
20. Total Hardness (CaCO3)	97000.0	

PROBABLE MINERAL COMPOSITION

milli equivalents per liter	Compound	Eqiv wt	° meq/L	mg/L
18561 °Ca <----- °HCO3 151	Ca(HCO3)2	81.0	15.2	1231
22 °Mg <----- °SO4 101	CaSO4	60.1	10.4	769
33751 °Na <----- °Cl 32871	CaCl2	55.5	2830.7	101584
	Mg(HCO3)2	73.2		
	MgSO4	60.2		
	MgCl2	47.6	82.0	3903
	NaHCO3	84.0		
	Na2SO4	71.0		
	NaCl	58.4	3374.8	197223

Saturation Values Dist. Water 20 C  
CaCO3 13 mg/L  
CaSO4 • 2H2O 2090 mg/L  
BaSO4 2.4 mg/L

REMARKS:



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

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

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

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

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

(in feet)

POD Number

C 00574

C 01082

POD Sub	Q	Q	Q	Sec	Twp	Range	X	Y	Depth Well	Depth Water Column	Water Column
ED	2	4	4	11	24S	28E	589452	3566081*	200	20	180
ED	3	3	2	11	24S	28E	589832	3566693*	120		

Average Depth to Water: 20 feet

Minimum Depth: 20 feet

Maximum Depth: 20 feet

Record Count: 2

Basin/County Search:

Basin: Carlsbad

PLSS Search:

Section(s): 11

Township: 24S

Range: 28E

\*UTM location was derived from PLSS - see Help

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

10/2/16 2:47 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



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

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

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

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

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

(In feet)

POD Number	POD Sub- Code	Basin	County	Q1	Q2	Q3	Q4	Sec	Twp	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00570	C	ED		1	1	10		24S	28E		586490	3567195	100	28	72
C 00784		ED		3	1	3	10	24S	28E		586399	3566232	118	25	93
C 00890		ED		3	3	4	10	24S	28E		587211	3565697	60		
C 00962	C	ED		3	3	10		24S	28E		586505	3565692	63	9	54
C 01237	C	ED		1	1	2	10	24S	28E		587197	3567296	123		
C 01442	C	ED		1	2	10		24S	28E		587298	3567199	100		
C 03804 POD1	CUB	ED		2	4	3	10	24S	28E		526534	3565712	38	24	14

Average Depth to Water: 21 feet

Minimum Depth: 9 feet

Maximum Depth: 28 feet

Record Count: 7

Basin/County Search:

Basin: Carlisbad

PLSS Search:

Section(s): 10

Township: 24S

Range: 28E

\*UTM location was derived from PLSS - see Help

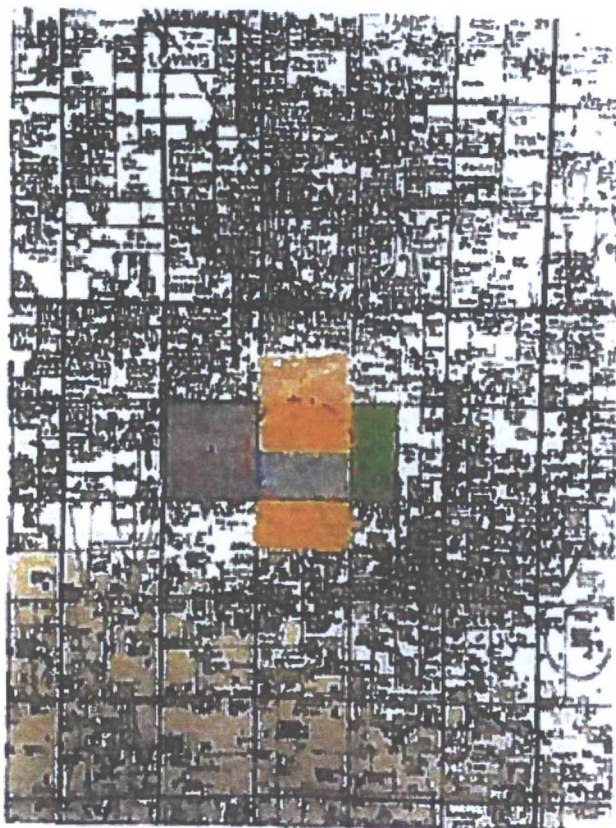
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/2/16 2:45 PM

Page 1 of 1

WATER COLUMN/AVERAGE  
DEPTH TO WATER

Handwritten text at the top of the map, possibly indicating a location or title.



Newbome Oil Company



COG



Chevron



Matador Resource Company



Guardian Operating Corp.

Handle Cat 432-253-1849

U.S. Postal Service  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

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

**OFFICIAL USE**

Registered Mail Fee \$3.35  
 Certified Mail Fee \$2.75  
 Return Receipt (hardcopy) \$0.00  
 Return Receipt (electronic) \$0.00  
 Certified Mail Restricted Delivery \$0.00  
 Adult Signature Required \$0.00  
 Adult Signature Restricted Delivery \$0.00

Postage \$1.82  
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 07/03/2017

Sent to Roland Ruiz SWD Percent  
 P.O. Box 7355  
 Corning, NM 88256

PS Form 3800, April 2015 PSN 7530-01-000-9001 See Reverse for Instructions

**Delaware Energy, L.L.C.**  
3001 W. Loop 250 N., Suite C-105-318  
Midland, TX 79705  
Office: (214) 558-1371

P

October, 2016

**Surface Owner / Offset Operators**

**Re: Notification of Application for Authorization to Inject  
Ruiz SWD No 1 Well**

**Ladies and Gentlemen:**

Delaware Energy, LLC is seeking administrative approval to utilize the proposed Ruiz SWD No 1 as a Salt Water Disposal well. As required by the New Mexico Oil Conservation Division Rules, we are notifying you of the following proposed salt water disposal well. This letter is a notice only. No action is required unless you have questions or objections.

<u>Well:</u>	Ruiz SWD No 1
<u>Proposed Disposal Zone:</u>	Devonian Formation (from 13,650' - 14,650')
<u>Location:</u>	2577' FSL & 2584' FWL, Sec.10, UL K, T24S, R28E, Eddy Co., NM
<u>Applicants Name:</u>	Delaware Energy, L.L.C.
<u>Applicants Address:</u>	3001 W. Loop 250 N., Suite C-105-318, Midland, TX 79705

This application for water disposal well will be filed with the New Mexico Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. And their phone number is 505-476-3460.

Please call Preston Stein with Delaware Energy, LLC if you have any questions at 214-558-1371.

Sincerely,

Preston Stein

**Ruiz SWD No 1**  
**API#: 30-015-**  
**Location: Sec. 10, T-24S, R-28E, UL K**

**Formation Tops**

Lamar	2,500'
Bell Canyon	2,567'
Cherry Canyon	3,376'
Bone Spring Lime	6,050'
Wolfcamp	9,347'
Atoka	11,400'
Morrow	11,900'
Mississippi	13,225'
Woodford Shale	13,550'
Devonian	13,650'







**Affidavit of Publication**

State of New Mexico,  
County of Eddy, ss.

**Danny Fletcher**, being first duly  
sworn, on oath says:

That he is the Publisher of the  
Carlsbad Current-Argus, a  
newspaper published daily at the  
City of Carlsbad, in said county of  
Eddy, state of New Mexico and of  
general paid circulation in said  
county; that the same is a duly  
qualified newspaper under the laws  
of the State wherein legal notices  
and advertisements may be  
published; that the printed notice  
attached hereto was published in the  
regular and entire edition of said  
newspaper and not in supplement  
thereof on the date as follows, to wit:

October 27 2016

That the cost of publication is \$66.82  
and that payment thereof has been  
made and will be assessed as court  
costs.

*D. C. 700*

Subscribed and sworn to before me  
this 10 day of July, 2017

*Cynthia Arredondo*

My commission Expires 2/13/21

Notary Public



**October 27, 2016**

Delaware Energy, L.L.C., 3001 W. Loop 250N, Suite C-105-318, Midland, TX 79705, has filed a form C-108 (Application for Authorization to Inject) with the Oil Conservation Division seeking administrative approval to utilize the Proposed Rule SWD No. 1 (API 30-015-XXXX) as a Salt Water Disposal well.

The Rule SWD No. 1 will be located at 2577' FSL and 2584' FWL Unit Letter K, Section 10, Township 24 South, Range 28 East, Eddy County, New Mexico. The well will dispose of water produced from oil and gas wells into the

Devonian Formation from 13,650' to 14,650' at a maximum rate of 17,500 barrels of water per day at a maximum pressure of 2,730 psi.

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.

Additional information can be obtained by contacting Delaware Energy, L.L.C., at (214) 558-1371.

**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1  
**Date:** Tuesday, June 6, 2017 at 11:26:48 AM Central Daylight Time  
**From:** Randy Cate  
**To:** telsener@matadorresources.com, Chris Carleton  
**CC:** Preston Stein, Mike McCurdy

Chris & Tom,

It appears Delaware Energy has satisfied my initial concerns on casing design. I also believe their well will be needed and will be cheaper than going to Matador's Black River system. I plan to withdraw my objection by Friday. Since I have been deferring to Matador, Please let me know if there are reasons not to allow them to go forward on their project.

Randy Cate Guardian Operating Corp. RSC Resources, L.P. 432-553-1849

---

**From:** Mike McCurdy <mmccurdy@delawareenergyllc.com>  
**To:** "guardianopcorp@yahoo.com" <guardianopcorp@yahoo.com>; "telsener@matadorresources.com" <telsener@matadorresources.com>  
**Cc:** "ccarleton@matadorresources.com" <ccarleton@matadorresources.com>; Preston Stein <Preston@delawareenergyllc.com>  
**Sent:** Friday, June 2, 2017 9:02 AM  
**Subject:** FW: Protest of Application to Inject- Ruiz SWD Well No. 1

Randy/Tom,

My name is Mike McCurdy and I'm an engineer with Delaware Energy. I was wanting to follow-up with you regarding our SWD permit (Ruiz SWD #1, Sec. 10 T24S R28E) we filled with the NMOCD last November 2016. The permit was protested by Guardian and deferred to Matador's judgement as operators (email history below). In December of 2016 we had a phone call with Matador and came to an agreement on the Ruiz SWD casing design (I have the email history on a different chain, please let me know if you need me to send it). If Guardian/Matador agrees with the new casing design then we would appreciate an email or letter stating that we have come to an agreement. If there are still concerns I would like to set up another call/meeting and discuss a way we can come to a resolution. Below is a summary of what was agreed upon during the meeting with Matador last December 2016 (wellbore and C-108 attached with changes).

**Ruiz SWD #1 (Casing design after meeting with Matador)**

Wellbore surface location is approximately 70ft south of the East/West mid-section line of section 10, 24S, 28E. Delaware Energy LLC agrees to drill the Ruiz directionally controlled so that the path of the wellbore is located at the mid point of the section (+/- 2,640 FSL, 2,584' FWL) through all of the productive intervals: Top of the Delaware Mountain group to total depth (approx. 2,500' – 14,650'). Delaware Energy will provide Matador Resources with the final certified directional survey data following drilling and submit to the OCD as required. This will provide 330ft of distance to both the legal oil well setbacks north and south of the wellbore. Delaware Energy agrees to install 9-5/8" OD intermediate casing that is sufficient strength to prevent failure: greater than 40 lb./ft. wall thickness, semi-premium threads, high collapse rated pipe, high strength grade, equal to or greater that of wellbore construction of Black River SWD #1 drilled by Matador Resources. Cement will be circulated to surface on all casing strings.

Best Regards,

Mike McCurdy  
Operations Engineer

Delaware Energy, LLC  
3001 W. Loop 250 N.  
Midland, TX 79705  
432-312-5251

**From:** Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>  
**Date:** November 28, 2016 at 5:19:51 PM CST  
**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Cc:** Tom Elsener <[telsener@matadorresources.com](mailto:telsener@matadorresources.com)>, Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1  
**Reply-To:** Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>

Preston,  
I still have concerns, but will defer to Matador's judgement as Operator. Thanks

Randy Cate Guardian Operating Corp. RSC Resources, L.P. 432-553-1849

---

**From:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Cc:** Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>; Tom Elsener <[telsener@matadorresources.com](mailto:telsener@matadorresources.com)>; Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>  
**Sent:** Sunday, November 27, 2016 9:33 PM  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Tom and Randy,

Please advise as to the below at your earliest convenience so that we can move forward. Thank you.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

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On Nov 16, 2016, at 11:32 AM, Preston Stein  
<[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)> wrote:

Randy & Tom,

Attached please find a reworked casing/cement program and associated wellbore diagram etc. in order to alleviate concern on the Ruiz SWD Well No. 1. This was put together following conversation with MRC and e-mail correspondence with Mr. Cate regarding concerns.

Please let me know if this satisfies any concerns you had.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

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**From:** Randy Cate [<mailto:guardianopcorp@yahoo.com>]  
**Sent:** Thursday, November 10, 2016 5:08 PM  
**To:** Preston Stein <[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)>  
**Cc:** Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>; McMillan Michael EMNRD <[michael.mcmillan@state.nm.us](mailto:michael.mcmillan@state.nm.us)>; Goetze Phillip EMNRD <[phillip.goetze@state.nm.us](mailto:phillip.goetze@state.nm.us)>  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Preston,

I don't see in the application which grade and weight of 7" you plan, unless I missed it, and I am very concerned with collapse of the casing when we perform our high pressure stimulations in the soon to be drilled Wolfcamp horizontal wells. Matador Production has now assumed operations in the S2 of section 10 and we need to have their input also. I imagine we will be drilling laterals very close to your proposed well bore and don't want either of us to suffer from a casing failure.

Regards,

Randy Cate Guardian Operating Corp. RSC Resources, L.P. 432-553-1849

**From:** Preston Stein <preston@delawareenergyllc.com>  
**To:** guardianopcorp@yahoo.com  
**Sent:** Tuesday, November 8, 2016 10:59 AM  
**Subject:** FW: Protest of Application to Inject- Ruiz SWD Well No. 1

Mr. Cate,

As we've been informed below, Guardian and RSC are protesting this application due to inadequate casing program.

Depth of usable ground water as indicated by data on the website of the NM State Engineer is less than 100ft. Ground water will be protected by setting 13-3/8" surface casing to 400ft and circulating cement to surface. 9-5/8" casing will be set at approx. 2500ft and cemented to surface to protect any salt or evaporate minerals that are located in the rustler, Salado or Castile. Lamar limestone is traditionally used in this area as a geologic marker for intermediate casing setting depth, along with being a competent lithology for setting the casing shoe it is also a quality marker for the transition from the evaporate interval to the Delaware Mountain Group. All hydrocarbon bearing zones will be isolated from the top of the Devonian carbonate (13,650') to the top of the Delaware (2,550' Bell Canyon) will be isolated by setting and cementing surface 7" casing 0- 13,650'. Two offset Devonian SWDs have been drilled and completed with an identical casing design (Cigarillo SWD and Top Gun SWD).

I've attached the completion reports for the Cigarillo and Top Gun for your convenience.

Would it appease Guardian and RSC if we were to amend our casing/cement plan to run 9 5/8" casing to the top of Wolfcamp?

In any event, we'd like to amend our casing/cementing plan to address any concerns you have and move forward with this application. Look forward to hearing from you.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

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**From:** McMillan, Michael, EMNRD  
[mailto:[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)]  
**Sent:** Monday, October 31, 2016 11:48 AM  
**To:** Preston Stein <[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)>  
**Cc:** Goetze, Phillip, EMNRD <[Phillip.Goetze@state.nm.us](mailto:Phillip.Goetze@state.nm.us)>;  
Lowe, Leonard, EMNRD <[Leonard.Lowe@state.nm.us](mailto:Leonard.Lowe@state.nm.us)>;  
Jones, William V, EMNRD <[William.V.Jones@state.nm.us](mailto:William.V.Jones@state.nm.us)>;  
[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)  
**Subject:** Protest of Application to Inject- Ruiz SWD Well No. 1

**RE:** Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pMAM1630053276) – Sec 10, T. 24 S., R. 28 E., NMPM, Eddy County.

Mr. Stein

OCD was notified that Guardian Operating, Corporation and RSC Resources, L.P. (Guardian) are protesting this application for approval of a salt water disposal well. Guardian has stated that the proposed injection well's proposed casing programs is inadequate. Therefore, you are being notified that if Delaware Energy, LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. PRG

Counsel for Guardian Operating  
Randy Cate  
6824 Island Circle  
Midland, TX. 79707  
Phone: 432.553.1849  
E-mail: [guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)

**MICHAEL A. MCMILLAN**  
Engineering Bureau, Oil Conservation Division  
1220 south St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448  
[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)

<C-108 Additional Questions Ruiz SWD No 1.docx>

<Ruiz SWD No 1 C-108.rtf>

<Ruiz SWD No 1 WBD as Proposed.xlsx>



**Subject:** Fwd: Protest of Application to Inject- Ruiz SWD Well No. 1  
**Date:** Tuesday, June 27, 2017 at 1:35:51 PM Central Daylight Time  
**From:** Preston Stein  
**To:** Mike McCurdy

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

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Begin forwarded message:

**From:** Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>  
**Date:** June 27, 2017 at 1:19:09 PM CDT  
**To:** "McMillan, Michael, EMNRD" <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)>, Preston Stein <[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)>  
**Cc:** "Goetze, Phillip, EMNRD" <[Phillip.Goetze@state.nm.us](mailto:Phillip.Goetze@state.nm.us)>, "Lowe, Leonard, EMNRD" <[Leonard.Lowe@state.nm.us](mailto:Leonard.Lowe@state.nm.us)>, "Jones, William V, EMNRD" <[WilliamV.Jones@state.nm.us](mailto:WilliamV.Jones@state.nm.us)>, Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Gentlemen,  
RSC Resources, LP and Guardian Operating Corp. hereby drop their objection to the Ruiz SWD application as Delaware Energy has revised its casing program to our satisfaction.

Regards,

Randy Cate  
Guardian Operating Corp.  
RSC Resources, L.P.  
432-553-1849

---

On Monday, October 31, 2016, 11:47:59 AM CDT, McMillan, Michael, EMNRD <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)> wrote:

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pMAM1630053276) – Sec 10, T. 24 S., R. 28 E., NMPM, Eddy County.

Mr. Stein

OCD was notified that Guardian Operating, Corporation and RSC Resources, L.P. (Guardian) are protesting this application for approval of a salt water disposal well. Guardian has stated that the proposed injection well's proposed casing programs is inadequate. Therefore, you are being notified that if Delaware Energy, LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. PRG

Counsel for Guardian Operating

Randy Cate

6824 Island Circle

Midland, TX. 79707

Phone: 432.553.1849

E-mail: [guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)

**MICHAEL A. MCMILLAN**

Engineering Bureau, Oil Conservation Division

1220 south St. Francis Dr., Santa Fe NM 87505

O: 505.476.3448

[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)

**Subject:** FW: Protest of Application to Inject- Ruiz SWD Well No. 1  
**Date:** Sunday, July 2, 2017 at 9:07:59 AM Central Daylight Time  
**From:** Mike McCurdy  
**To:** McMillan, Michael, EMNRD, Collins, Karen, EMNRD, Sharp, Karen, EMNRD  
**CC:** Preston Stein  
**Attachments:** Ruiz SWD No 1 Survey.pdf, Ruiz SWD No 1 C-108.pdf, Ruiz SWD No 1 Email for new Casing Design.pdf, Ruiz SWD No 1 Release of protest.pdf, C-108 Additional Questions Ruiz SWD No 1 (2).docx, Ruiz SWD No 1 WBD as Proposed.xlsx, Ruiz SWD No 1 Administrative Approval.pdf

Michael/Karen/Karen,

This permit was protested last October 2016 due to Guardian/RSC's (Both Randy Cate, see Randy's email signature below) concerns with our casing design. Guardian/RSC protested due to Delaware Energy not specifying the casing weights we planned to use on our new drill design (emails attached). As you can see we have updated our casing design and are requesting approval of our Ruiz SWD #1 permit. Attached in this email are the following items as requested (copies of these documents will be sent on 7/3 via certified mail to Karen Collins, Michael McMillan and Karen Sharp).

Attached are the following documents for the Ruiz SWD #1 (as requested):

- Administrative Application Checklist
- C-108 Application for Authority to Inject
- C-108 Additional Questions Answered
- C-102
- Wellbore Diagram of Ruiz SWD #1 As Proposed (with casing weights specified)
- Email from Guardian/RSC release of protest
- Email correspondence over casing concerns and needed changes

Best Regards,

Mike McCurdy  
Operations Engineer  
Delaware Energy, LLC  
3001 W. Loop 250 N.  
Midland, TX 79705  
432-312-5251

---

**From:** Preston Stein <Preston@delawareenergyllc.com>  
**Date:** Tuesday, June 27, 2017 at 1:35 PM  
**To:** Mike McCurdy <mmccurdy@delawareenergyllc.com>  
**Subject:** Fwd: Protest of Application to Inject- Ruiz SWD Well No. 1

Best Regards,

Preston M. Stein

Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
[Midland, TX 79705](#)  
[\(214\) 558-1371](#)

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Begin forwarded message:

**From:** Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>  
**Date:** June 27, 2017 at 1:19:09 PM CDT  
**To:** "McMillan, Michael, EMNRD" <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)>, Preston Stein <[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)>  
**Cc:** "Goetze, Phillip, EMNRD" <[Phillip.Goetze@state.nm.us](mailto:Phillip.Goetze@state.nm.us)>, "Lowe, Leonard, EMNRD" <[Leonard.Lowe@state.nm.us](mailto:Leonard.Lowe@state.nm.us)>, "Jones, William V, EMNRD" <[WilliamV.Jones@state.nm.us](mailto:WilliamV.Jones@state.nm.us)>, Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Gentlemen,  
RSC Resources, LP and Guardian Operating Corp. hereby drop their objection to the Ruiz SWD application as Delaware Energy has revised its casing program to our satisfaction.

Regards,

Randy Cate  
Guardian Operating Corp.  
RSC Resources, L.P.  
432-553-1849

---

On Monday, October 31, 2016, 11:47:59 AM CDT, McMillan, Michael, EMNRD <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)> wrote:

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pMAM1630053276) – Sec 10, T. 24 S., R. 28 E., NMPM, Eddy County.

Mr. Stein

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**Counsel for Guardian Operating**

Randy Cate

6824 Island Circle

Midland, TX. 79707

Phone: 432.553.1849

E-mail: [guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)

**MICHAEL A. MCMILLAN**

Engineering Bureau, Oil Conservation Division

1220 south St. Francis Dr., Santa Fe NM 87505

O: 505.476.3448

[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)

**Delaware Energy, LLC**  
**Application for Injection/SWD**  
**Ruiz SWD #1**

UL K, Sec. 10, T-24-S, R-28-E, 2,565' FSL & 2,360' FWL, Eddy Co., NM

July 2017

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**Contents:**

1. Administrative Application Checklist
2. Form C-108: Application for Authority to Inject
3. Form C-108 Additional Questions Answered
4. Form C-102
5. Wellbore diagram of Ruiz SWD #1 As Proposed (with casing weights specified)
6. Email from Guardian releasing protest
7. Email correspondence over casing concerns and needed changes
8. Email sent 7/2 to Michael McMillan, Karen Collins and Karen Sharp regarding the attached documents

**McMillan, Michael, EMNRD**

---

**From:** Mike McCurdy <mmccurdy@delawareenergyllc.com>  
**Sent:** Wednesday, July 5, 2017 8:30 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Michael,

The Ruiz SWD will be drilled with a directional team and will have a bottom hole location approximately 2,630' or less from the South lease line.

Best Regards,

Mike McCurdy  
Operations Engineer  
Delaware Energy, LLC  
3001 W. Loop 250 N.  
Midland, TX 79705  
432-312-5251

---

**From:** Mike McCurdy <mmccurdy@delawareenergyllc.com>  
**Date:** Wednesday, July 5, 2017 at 9:17 AM  
**To:** "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>, "Collins, Karen, EMNRD" <Karen.Collins@state.nm.us>, "Sharp, Karen, EMNRD" <Karen.Sharp@state.nm.us>  
**Cc:** Preston Stein <Preston@delawareenergyllc.com>  
**Subject:** Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Michael,

This is not a directional well, all inclination will be kept at or below 2 degrees. To maintain an inclination equal to or less than 2 degrees, we will utilize a directional team for deviation control. Once the well is completed we will provide all directional surveys to the NMOCD. Please let me know if this answers your concerns.

Thanks, MM

---

**From:** "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>  
**Date:** Wednesday, July 5, 2017 at 9:05 AM  
**To:** Mike McCurdy <mmccurdy@delawareenergyllc.com>, "Collins, Karen, EMNRD" <Karen.Collins@state.nm.us>, "Sharp, Karen, EMNRD" <Karen.Sharp@state.nm.us>  
**Cc:** Preston Stein <Preston@delawareenergyllc.com>  
**Subject:** RE: Protest of Application to Inject- Ruiz SWD Well No. 1

# APPLICATION PROTESTED

Applicant: Delaware Energy, LLC

Application Type: SWD

Well Name: Rui 2 SWD #1 API: 30-0 15 pending

Protestant: Alpha SWD Operations, LLC

Date Protest Received: 7-13-2017

Notification of Applicant: 7-13-2017

Resolution: ☐ Hearing ☐ Negotiation ☐ Withdrawn

Copy to Technical Reviewer:



**McMillan, Michael, EMNRD**

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Thursday, July 13, 2017 2:57 PM  
**To:** 'Mike McCurdy'  
**Cc:** Jones, William V, EMNRD; Lowe, Leonard, EMNRD; Goetze, Phillip, EMNRD; Brooks, David K, EMNRD; Podany, Raymond, EMNRD; Byrd, Robert, EMNRD  
**Subject:** Protested Application Delaware Energy LLC Ruiz SWD Well No. 1 Eddy Co.

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pKSC1718735697) – Unit K, Section 10, T. 24 S., R. 28 E., NMPM, Eddy County, New Mexico.

Mr. McCurdy:

Alpha SWD Operating LLC is protesting this application for approval of a salt water disposal well into the Devonian formation. Alpha SWD Operating LLC has been identified as an affected person for the proposed salt-water disposal well. Therefore, you are being notified that if Delaware Energy LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. Mike

Contact for Alpha SWD Operating LLC  
Christopher B. Weyand  
Consulting Engineer  
Lonquist and Company LLC  
3345 Bee Cave Road, Suite 201  
Austin, Tx 78746  
Phone: 512.600.1764  
E-mail: [chris@lonquist.com](mailto:chris@lonquist.com)

Michael McMillan  
1220 South St. Francis  
Santa Fe, New Mexico  
505-476-3448  
[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)

# LONQUIST & CO. LLC

PETROLEUM  
ENGINEERS

ENERGY  
ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

July 13, 2017

New Mexico Energy, Minerals, and Natural Resources Department  
Oil Conservation Division District IV  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
(505) 476-3440

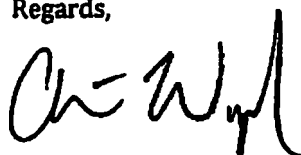
**RE: Application of Delaware Energy, LLC for Authorization to Inject into the proposed Ruiz SWD No. 1, Sec. 10-24S-28E, Eddy County, New Mexico**

To Whom It May Concern:

Alpha SWD Operating LLC ("Alpha") gives notice of its intent to protest the referenced application. Alpha has been authorized to utilize its proposed Alpha SWD No. 1 (API No. 30-015-44237) for commercial disposal of produced water. Delaware Energy LLC's proposed Ruiz SWD No. 1 is roughly ¼-mile NW of the Alpha SWD No. 1 location. Alpha is concerned that the disposal into the Ruiz SWD No. 1 may have adverse effects on future operations at the Alpha SWD No. 1 site as the disposal would be into the same interval as Alpha's disposal well.

Please include me on any future correspondence relating to this application and please put me on the service list for any hearing called to consider the application.

Regards,



Christopher B. Weyand  
Consulting Engineer for Alpha SWD Operating LLC

(512) 600-1764  
[chris@lonquist.com](mailto:chris@lonquist.com)

## **McMillan, Michael, EMNRD**

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Tuesday, July 18, 2017 3:39 PM  
**To:** 'Mike McCurdy'; Preston Stein  
**Cc:** Chris Weyand; Jones, William V, EMNRD  
**Subject:** RE: Delaware Energy Ruiz SWD Well No. 1

Based on the previous e-mail, the case will not be set for hearing at this time.

Thanks for the quick response

Mike

**From:** Mike McCurdy [mailto:mmccurdy@delawareenergyllc.com]  
**Sent:** Tuesday, July 18, 2017 3:38 PM  
**To:** McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>; Preston Stein <Preston@delawareenergyllc.com>  
**Cc:** Chris Weyand <chris@lonquist.com>; Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>  
**Subject:** Re: Delaware Energy Ruiz SWD Well No. 1

Thank you, Mr. Millan. We will advise you as to the course of action we end up taking before the August 2<sup>nd</sup> deadline.

Thanks, MM

---

**From:** "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>  
**Date:** Tuesday, July 18, 2017 at 4:34 PM  
**To:** Mike McCurdy <mmccurdy@delawareenergyllc.com>, Preston Stein <Preston@delawareenergyllc.com>  
**Cc:** Chris Weyand <chris@lonquist.com>, "Jones, William V, EMNRD" <WilliamV.Jones@state.nm.us>  
**Subject:** RE: Delaware Energy Ruiz SWD Well No. 1

Today is the final day for the August 17, 2017, then in two weeks (August 2) will be for the August 31, 2017 hearing.

You could agree to set the hearing, and then continue the hearing-very common procedure

However, it sounds like setting a case for hearing today is not the correct path to take. Then at some point if no resolution occurs, then agree to set for hearing.

E-mail me with comments

mike

**From:** Mike McCurdy [mailto:mmccurdy@delawareenergyllc.com]  
**Sent:** Tuesday, July 18, 2017 3:30 PM  
**To:** McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>; Preston Stein <Preston@delawareenergyllc.com>  
**Cc:** Chris Weyand <chris@lonquist.com>; Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>  
**Subject:** Re: Delaware Energy Ruiz SWD Well No. 1

Michael,

We are currently trying to work things out with Alpha. If we are unsuccessful, what is the latest date we can notify you all so we can go to hearing?

Thanks, MM

---

**From:** "McMillan, Michael, EMNRD" <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)>

**Date:** Tuesday, July 18, 2017 at 4:21 PM

**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>, Mike McCurdy <[mmccurdy@delawareenergyllc.com](mailto:mmccurdy@delawareenergyllc.com)>

**Cc:** Chris Weyand <[chris@lonquist.com](mailto:chris@lonquist.com)>, "Jones, William V, EMNRD" <[WilliamV.Jones@state.nm.us](mailto:WilliamV.Jones@state.nm.us)>

**Subject:** Delaware Energy Ruiz SWD Well No. 1

Preston and Mike:

I need to get your approval for the Ruiz SWD Well No. 1 to go to hearing.

There is a 30-day clock to get the application in by the end of the day to get set for the August 17, 2017 hearing.

Your help in this urgent matter is requested

Michael McMillan

1220 South St. Francis

Santa Fe, New Mexico

505-476-3448

[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)

**STATE OF NEW MEXICO  
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES  
OIL CONSERVATION DIVISION**

**APPLICATION OF DELAWARE ENERGY LLC TO REVOKE THE INJECTION  
AUTHORITY GRANTED UNDER SWD-1680 FOR THE ALPHA SWD NO. 1 WELL  
OPERATED BY ALPHA SWD OPERATING LLC, EDDY COUNTY, NEW MEXICO.**

Case No. 15855

**APPLICATION**

Delaware Energy LLC ("Delaware Energy") respectfully applies for an order revoking the injection authority granted under Administrative Order SWD-1680. In conjunction with this application, and filed contemporaneously herewith, Delaware Energy also moves the Oil Conservation Division ("Division") to stay the effectiveness of SWD-1680 pending the Division's ruling on this application. In support, Delaware Energy states as follows:

1. On or about October 6, 2016, Delaware Energy LLC (OGRID No. 371195) filed a C-108 application for administrative approval for authorization to inject for a proposed salt water disposal well. The proposed well, the Ruiz SWD No. 1, is to be located 2,565 feet from the south line and 2,360 feet from the west line of Section 10, Township 24 South, Range 28 East, Eddy County, New Mexico. The proposed injection interval is in the Devonian from a depth of 13,650 feet to 14,650 feet.

2. While Delaware Energy's application was pending before the Division, the Division received two protests of Delaware Energy's C-108 application from Guardian Operating Corporation and RSC Resources, L.P. The Division notified Delaware Energy of the protests by e-mail on October 31, 2016. *See Exhibit A*, attached hereto.

3. Delaware Energy subsequently engaged Guardian Operating Corporation and RSC Resources, L.P. in discussions to address their objections. After substantial negotiations and technical consultation, Delaware Energy agreed to revise its casing program. Guardian Operating

OCD Case No. 15855

ALPHA SWD OPERATING

**Exhibit #3**

Corporation and RSC Resources, L.P. notified the Division on June 27, 2017 that Delaware Energy's revised casing program resolved their objections and formally withdrew their protests. See Exhibit A. The Division resumed administrative review of Delaware Energy's C-108 application.

4. In the interim, and unbeknownst to Delaware Energy, Alpha SWD Operating LLC ("Alpha") (OGRID 372180), filed a C-108 application for authorization to inject for a competing proposed salt water disposal well on June 12, 2017. See Exhibit B, attached hereto. The proposed well, the Alpha SWD No. 1, is to be located 1,457 feet from the south line and 2,093 feet from the east line of Section 10, Township 24 South, Range 28 East, Eddy County, New Mexico. The location of the proposed Alpha SWD No. 1 well is approximately 800 feet from the proposed location of Delaware Energy's earlier-filed C-108 application. The proposed injection interval also is within the Devonian from a depth of 14,000 feet to 15,200 feet.

5. On information and belief, Alpha knew, as of the date it filed its June application, that Delaware Energy had a pending C-108 application before the Division for an injection well in the same area and same injection formation. Notwithstanding this knowledge, Alpha failed to provide notice of its C-108 application to Delaware Energy.

6. Upon receipt of Alpha's C-108 application, the Division determined on June 12, 2017, that it was administratively incomplete and "will not be placed into the administrative review process." See Exhibit B, at 25. As filed, Alpha's application was missing information that is required before it could be considered "complete with all attachments[.]" See 19.15.26.8.C(2) NMAC. Alpha submitted the additional requested information to the Division on June 19, 2017. See Exhibit B, at 26-29, 30 (reflecting that additional information was received on 6/19/17). Again, no notice of this additional filing was provided to Delaware Energy despite the fact that it had a previously filed administrative application pending before the Division.

7. On June 28, 2017, nine days after receiving the additional necessary information, and less than the required fifteen days “following the division’s receipt of form C-108 complete with all attachments[,]” the Division approved Alpha’s C-108 application and issued Administrative Order SWD-1680. *See* Administrative Order SWD-1680, attached as Exhibit C.

8. The failure to provide notice to Delaware Energy of Alpha’s competing C-108 application, and the Division’s approval of SWD-1680 sooner than the fifteen days mandated by 19.15.26.8.C(2) NMAC deprived Delaware Energy of the opportunity to protest Alpha’s application. Administrative Order SWD-1680 states that “no protest was received within the required suspense period,” but SWD-1680 was approved before the required fifteen days had run. *See* Exhibit C.

9. The Division’s approval of SWD-1680 on June 28, 2017, violated Delaware’s due process rights and the provisions of 19.15.26.8.C(2) NMAC.

10. Prior to considering Alpha’s competing C-108 application, the Division should have required Alpha to provide notice to Delaware Energy or notified Delaware Energy itself of Alpha’s pending application. The Division should not have approved Administrative Order SWD-1680 without first affording Delaware Energy an opportunity to protest Alpha’s later-filed C-108 application. The purpose and intent of the Division’s notice requirements is to give notice of a proposed injection well to affected persons with a known interest in the half-mile area of review. *See* 19.15.26.7.A NMAC and 19.15.26.8.B(2) NMAC.

11. Upon receiving Division approval under SWD-1680, Alpha contacted Delaware Energy to inquire whether Delaware Energy would be willing to purchase Alpha’s approved SWD-1680. When Delaware Energy declined Alpha’s offer, Alpha filed a protest against Delaware Energy’s C-108 application on July 13, 2017. *See* Exhibit D, attached hereto.

12. Revocation of SWD-1680 is necessary to remedy substantial prejudice to Delaware Energy, which has been deprived of the due process afforded to it by the Division's rules and the opportunity to protest Alpha's C-108 application. For the same reasons, as demonstrated in Delaware Energy's accompanying motion, Alpha's authority to inject under SWD-1680 should be stayed pending the Division's ruling on this application.

13. In the alternative, if Alpha's Administrative Order SWD-1680 is not revoked, authority to inject under SWD-1680 should be modified to require commencement of injection operations into the subject well within a one-year period. Alpha's offer to sell its SWD permit to Delaware almost immediately after it was improperly approved demonstrates not only Alpha's knowledge of Delaware's previously filed C-108 application, but also an intent to monetize its improperly obtained permit rather than to drill the well and commence injection. Moreover, pursuant to 19.15.26.12.C(1) NMAC the Division's policy has been to require commencement of injection operations within a year unless good cause is shown for extending that time frame.

14. Rule 19.15.26.12.C(1) NMAC provides that the Division "shall consider" salt water disposal project "abandoned, and the authority for injection shall automatically terminate ispo facto" after a "one year period of non-injection[.]" (emphasis added). The only exception to this mandate is that the director may grant an administrative extension, but only "[f]or good cause shown." 19.15.26.12.C(1) NMAC.


15. SWD-1680 gives Alpha two years after the effective date of the Order to commence injection activities. *See* SWD-1680 at 3. Alpha's C-108 application does not request authority for a two-year period before commencing injection, nor does it provide "good cause" for a two-year period to commence injection. *See* 19.15.26.12.C(2) (requiring a showing of good cause for any extension of the one-year period to commence injection.)



WHEREFORE, Delaware Energy requests that the Division set this matter for hearing before an examiner of the Oil Conservation Division on October 12, 2017, and that after notice and hearing enter an order revoking Alpha's injection authority approved under SWD-1680 for the Alpha SWD No. 1 well or, in the alternative, modifying SWD-1680 to require commencement of injection operations within a one-year period, and that the Division grant such further relief as the Division deems appropriate.

Respectfully submitted,

HOLLAND & HART LLP

By:   
Michael H. Feldewert  
Adam G. Rankin  
Jordan L. Kessler  
Post Office Box 2208  
Santa Fe, New Mexico 87504-2208  
(505) 988-4421  
(505) 983-6043 Facsimile  
Email: [mfeldewert@hollandhart.com](mailto:mfeldewert@hollandhart.com)  
Email: [agrarkin@hollandhart.com](mailto:agrarkin@hollandhart.com)  
Email: [jlkessler@hollandhart.com](mailto:jlkessler@hollandhart.com)

ATTORNEYS FOR DELAWARE ENERGY LLC

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing Application was filed on the 12th day of September 2017 and that a copy was served via electronic mail on the following parties.

Alpha SWD Operating LLC  
c/o Christopher B. Weyand  
Consulting Engineer  
Lonquist and Company LLC  
3345 Bee Cave Road, Suite 201  
Austin, Tx 78746  
Phone: 512.600.1764  
E-mail: [chris@lonquist.com](mailto:chris@lonquist.com)

/s/   
Adam G. Rankin

**CASE \_\_\_\_\_:**      **Application of Delaware Energy LLC to Revoke the Injection Authority Granted Under SWD-1680 for the Alpha SWD No. 1 Well Operated by Alpha SWD Operating LLC, Eddy County, New Mexico.** Applicant in the above-styled cause seeks an order revoking the injection authority granted by Administrative Order SWD-1680 for the Alpha SWD No. 1 well (API No. 30-015-44237), a salt water disposal well located 1,457 feet from the south line and 2,093 feet from the east line of Section 10, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. Alpha SWD Operating LLC is the operator of the well. The well is located approximately 4 miles southeast of Loving, New Mexico.

**Subject:** FW: Protest of Application to Inject- Ruiz SWD Well No. 1

From: Randy Cate <[guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)>

Date: June 27, 2017 at 1:19:09 PM CDT

To: "McMillan, Michael, EMNRD" <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)>, Preston Stein <[preston@delawareenergyllc.com](mailto:preston@delawareenergyllc.com)>

Cc: "Goetze, Phillip, EMNRD" <[Phillip.Goetze@state.nm.us](mailto:Phillip.Goetze@state.nm.us)>, "Lowe, Leonard, EMNRD" <[Leonard.Lowe@state.nm.us](mailto:Leonard.Lowe@state.nm.us)>,

"Jones, William V, EMNRD" <[WilliamV.Jones@state.nm.us](mailto:WilliamV.Jones@state.nm.us)>, Chris Carleton <[ccarleton@matadorresources.com](mailto:ccarleton@matadorresources.com)>

Subject: Re: Protest of Application to Inject- Ruiz SWD Well No. 1

Gentlemen,

RSC Resources, LP and Guardian Operating Corp. hereby drop their objection to the Ruiz SWD application as Delaware Energy has revised its casing program to our satisfaction.

Regards,

Randy Cate  
Guardian Operating Corp.  
RSC Resources, L.P.  
432-553-1849

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On Monday, October 31, 2016, 11:47:59 AM CDT, McMillan, Michael, EMNRD <[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)> wrote:

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pMAM1630053276) – Sec 10, T. 24 S., R. 28 E., NMPPM, Eddy County.

Mr. Stein

OCD was notified that Guardian Operating, Corporation and RSC Resources, L.P. (Guardian) are protesting this application for approval of a salt water disposal well. Guardian has stated that the proposed injection well's proposed casing programs is inadequate. Therefore, you are being notified that if Delaware Energy, LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. PRG

Counsel for Guardian Operating  
Randy Cate  
6824 Island Circle  
Midland, TX. 79707  
Phone: 432.553.1849  
E-mail: [guardianopcorp@yahoo.com](mailto:guardianopcorp@yahoo.com)

MICHAEL A. MCMILLAN  
Engineering Bureau, Oil Conservation Division  
1220 south St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448  
[Michael.McMillan@state.nm.us](mailto:Michael.McMillan@state.nm.us)

672-207	SUSPENSE	ENGINEER	672-207	SWD	PMAM/17/6358339
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ABOVE THIS LINE FOR DIVISION USE ONLY

*Supplied  
6-2-2019  
NO ACCIPAS  
with R. P. [unclear]  
[unclear]*

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

220 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 Production 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 \_\_\_\_\_

*-SWD  
-Alpha SWD opening, Ue  
372180*

*W-211  
-Alpha SWD #1  
30-015-44237*

*POW  
-SWD*

*Devinian -  
Si Lamin  
97869*

### [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

Chris Weyand  
Print or Type Name

*Chris Weyand*  
Signature

Consulting Engineer  
Title

6/6/2019  
Date

chris@lonquist.com  
e-mail Address

---

# LONQUIST & CO. LLC

PETROLEUM  
ENGINEERS

ENERGY  
ADVISORS

AUSTIN • HOUSTON • WICHITA • DENVER • CALGARY

---

June 6, 2017

New Mexico Energy, Minerals, and Natural Resources Department  
Oil Conservation Division District IV  
1220 South St Francis Drive  
Santa Fe, New Mexico 87505  
(505) 476-3440

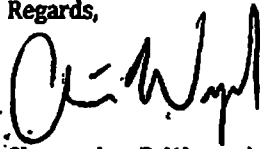
**RE: ALPHA SWD NO. 1 AUTHORIZATION TO INJECT**

To Whom It May Concern:

Attached for your review is Form C-108, Application for Authorization to Inject, and its supplemental documents prepared for Alpha SWD Operating LLC's Alpha SWD No. 1. In addition, Forms C-101 and C-102 have also been included with this package. Notices have been sent to offset leaseholders and the surface owner. Proof of notice will be sent to the OCD upon receipt.

Any questions should be directed towards Alpha SWD Operating LLC's agent Lonquist & Co., LLC.

Regards,



Christopher B. Weyand  
Staff Engineer  
Lonquist & Co., LLC

(512) 600-1764  
[chris@lonquist.com](mailto:chris@lonquist.com)

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I PURPOSE Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? X Yes No
- II OPERATOR ALPHA SWD OPERATING LLC  
ADDRESS 4436 STERLING LN // PLANO, TX 75093  
CONTACT PARTY KURT KNEWITZ PHONE (214) 418-1177
- III WELL DATA Complete the data required on the reverse side of this form for each well proposed for injection  
Additional sheets may be attached if necessary
- IV Is this an expansion of an existing project? Yes X No  
If yes, give the Division order number authorizing the project \_\_\_\_\_
- V Attach a map 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 Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone  
Such data shall include 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 Attach data 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 Attach appropriate geologic data on the injection zone 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 Describe the proposed stimulation program, if any
- \*X Attach appropriate logging and test data on the well (If well logs have been filed with the Division, they need not be resubmitted)
- \*XI Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken
- XII Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water
- XIII Applicants must complete the "Proof of Notice" section on the reverse side of this form
- 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 Christopher B. Weyant TITLE Consulting Engineer  
SIGNATURE [Signature] DATE 6/6/2017  
E-MAIL ADDRESS chris@longquist.com
- \* 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 \_\_\_\_\_

DISTRIBUTION Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

### III WELL DATA

**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

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**

**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.



Side 1

# INJECTION WELL DATA SHEET

OPERATOR: ALPHA SWD OPERATING LLC

WELL NAME & NUMBER: ALPHA SWD #1

WELL LOCATION: 1.457' FSL & 2.093' FEL  
FOOTAGE LOCATION

J  
UNIT LETTER

10  
SECTION

24S  
TOWNSHIP

28E  
RANGE

## WELLBORE SCHEMATIC

## WELL CONSTRUCTION DATA

### Surface Casing

Hole Size 26.000"

Casing Size 20.000"

Cemented with 1.420 sx

or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement surface

Method Determined circulation

### 1<sup>st</sup> Intermediate Casing

Hole Size 17.500"

Casing Size 13.375"

Cemented with 1.465 sx

or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement surface

Method Determined circulation

### 2<sup>nd</sup> Intermediate Casing

Hole Size 12.250"

Casing Size 9.625"

Cemented with 1.840 sx

or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement surface

Method Determined circulation

Production Liner

Hole Size 8.500"

Casing Size 7.625"

Cemented with 370 sx

or \_\_\_\_\_ ft<sup>3</sup>

Top of Cement 9.400'

Method Determined calculation

Total Depth 15.200'

Injection Interval

14.000 feet to 15.200 feet

(Open Hole)

**INJECTION WELL DATA SHEET**

Tubing Size: 5.500", 17 lb/ft. P-110, BT&C from 0' - 9,400' and 5.500", 17 lb/ft. P-110 UFJ from 9,400' - 13,950'

Lining Material: Duoline

Type of Packer D&L Oil Tools 7.625" Permapack Packer - Single Bore

Packer Setting Depth: 13,950'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

**Additional Data**

1. Is this a new well drilled for injection?   X   Yes        No

If no, for what purpose was the well originally drilled? N/A

2. Name of the Injection Formation Devonian, Silurian, Fusselman and Montoya (Top 100')

3. Name of Field or Pool (if applicable): SWD; Silurian-Devonian

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No, new drill.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

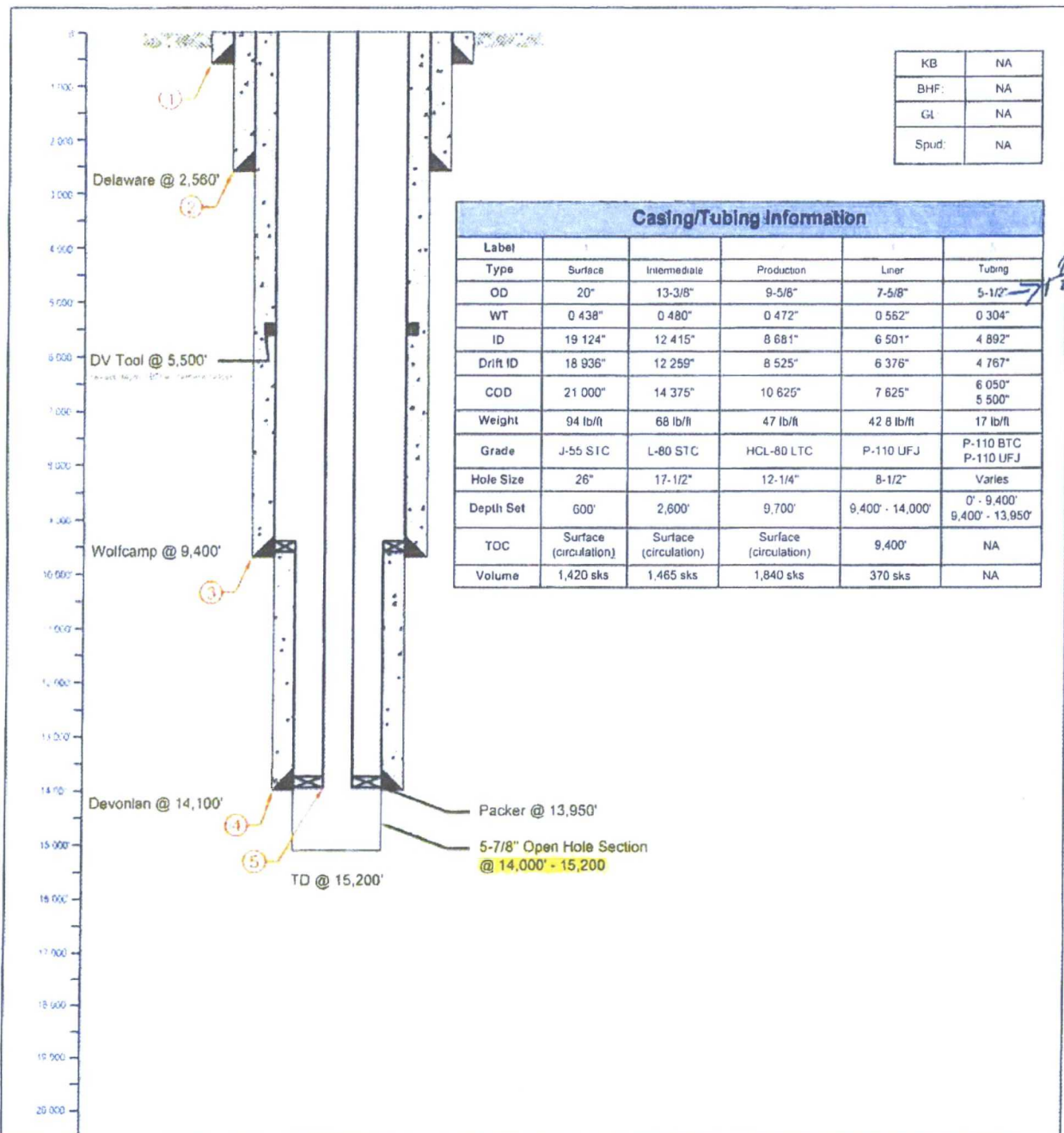
Cherry Canyon: 4,800'

Bone Spring: 6,299'

Wolfcamp: 9,400'

Atoka: 11,617'

Morrow: 12,190'



<b>LONGQUIST</b> <b>FIELD SERVICE</b>	Alpha SWD		Alpha SWD #1 - Proposed	
	Country: USA	State/Province: New Mexico		County/Parish: Eddy
	Location: Malaga, NM	Site:		Survey/STR: Sec 10-24S-28E
	API No:	Field:		Well Type/Status: SWD
Texas License F-9147	State ID No:	Project No:		Date: 5/19/17
3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512 732 9812 Fax: 512 732 9816	Drawn: CBW	Reviewed: CBW		Approved: SLP
	Rev No: 1	Notes:		

**Alpha SWD Operating LLC**

**Alpha SWD No. 1**

**FORM C-108 Supplemental Information**

**III Well Data**

**A Wellbore Information**

**1**

Well Information	
Lease Name	Alpha SWD
Well No.	1
Location	S-10 T-24S R-28E
Footage Location	1,457' FSL & 2,093' FEL

**2**

**a Wellbore Description**

Casing Information				
Type	Surface	Intermediate	Production	Liner
OD	20"	13 375"	9 625"	7.625"
WT	0 438"	0 480"	0 472"	0.562"
ID	19 124"	12.415"	8.681"	6.501"
Drift ID	18 936"	12 259"	8 525"	6.376"
COD	21 00"	14 375"	10 625"	7.625"
Weight	94 lb/ft	68 lb/ft	47 lb/ft	42 8 lb/ft
Grade	J-55	L-80	HCL-80	P-110
Hole Size	26"	17 5"	12.25"	8.5"
Depth Set	600'	2,600'	9,700'	9,400' - 14,000'

**b Cementing Program**

<b>Cement Information</b>				
<b>Casing String</b>	<b>Surface</b>	<b>Intermediate</b>	<b>Production</b>	<b>Liner</b>
<b>Lead Cement</b>	C	C	NeoCem	H
<b>Lead Cement Volume</b>	1,420 sx	1,100 sx	Stage 1 530 sx Stage 2 770 sx	370 sx
<b>Tail Cement</b>		C	NeoCem/HALCEM	
<b>Tail Cement Volume</b>		365 sx	Stage 1 390 sx Stage 2. 150 sx	
<b>Cement Excess</b>	100%	25%	25%	25%
<b>TOC</b>	Surface	Surface	Surface	9,400'
<b>Method</b>	Circulate to Surface	Circulate to Surface	Circulate to Surface	Logged

**3 Tubing Description**

<b>Tubing Information</b>		
<b>OD</b>	5 5"	5.5"
<b>WT</b>	0 304"	0 304"
<b>ID</b>	4 892"	4 892"
<b>Drift ID</b>	4.767"	4.767"
<b>COD</b>	6 050"	5 500"
<b>Weight</b>	17 lb/ft	17 lb/ft
<b>Grade</b>	P-110 BTC	P-110 UFJ
<b>Depth Set</b>	0'-9,400'	9,400'-13,950'

Tubing will be lined with Duoline

**4 Packer Description**

D&L Oil Tools 7 625" Permapack Packer – Single Bore

**B Completion Information**

1 Injection Formation Devonian, Silurian, Fusselman, Montoya (Top 100')

2 Gross Injection Interval 14,000' – 15,200'

Completion Type Open Hole

3 Drilled for injection

4. See the attached wellbore schematic

5 Oil and Gas Bearing Zones within area of well:

Formation	Depth
Cherry Canyon	4,800'
Bone Spring	6,299'
Wolfcamp	9,400'
Atoka	11,617'
Morrow	12,190'

**VI Area of Review**

No wells within the area of review penetrate the proposed injection zone

**VII Proposed Operation Data**

1 Proposed Daily Rate of Fluids to be Injection:

Average Volume: 25,000 BPD  
Maximum Volume 32,000 BPD

2 Closed System

3 Anticipated Injection Pressure

Average Injection Pressure 2,100 PSI (surface pressure)  
Maximum Injection Pressure 2,800 PSI (surface pressure)

4 The injection fluid is to be locally produced water. Attached are produced water sample analyses taken from the closest wells that feature samples from the Delaware and Morrow formations

5 The disposal interval is non-productive. No water samples are available from the surrounding area.

### VIII Geological Data

The Devonian formation is a dolomitic ramp carbonate that occurs below the Woodford shale and above the Fusselman formation. Strata found in the Devonian formation include two major groups, the Wristen Buildups and the Thirtyone Deepwater Chert, with the Wristen being more abundant. The Wristen Group is composed of mixed limestone and dolomites with mudstone to grainstone and boundstone textures. Porosity in the Wristen group is a result of both primary and secondary development. Present are moldic, vugular, karstic (including collapse breccia) features that allow for higher porosities and permeabilities. The Thirtyone Formation contains two end-member reservoir facies, skeletal packstones/grainstones and spiculitic chert, with most of the porosity and permeability found in the coarsely crystalline cherty dolomite. These particular characteristics allow for this formation to be a tremendous Salt Water Disposal horizon.

#### A Injection Zone. Siluro-Devonian Formation

Formation	Depth
Rustler	Eroded, not present
Salado	1,095'
Delaware	2,566'
Cherry Canyon	4,800'
Bone Spring	6,299'
Wolfcamp	9,400'
Strawn	11,383'
Atoka	11,617'
Morrow	12,190'
Mississippian Lime	13,630'
Woodford	13,922'
Devonian	14,100'

#### B Underground Sources of Drinking Water

Within 1-mile of the proposed Alpha SWD #1 location water wells range in depth from 50' to 123'. Reported depths to fresh water range from 8' to 32' (18' on average). This is not a known fresh water aquifer, but rather represents a sporadic alluvial source.



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**IX Proposed Stimulation Program**

No proposed stimulation program

**X Logging and Test Data on the Well**

There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.

**XI Chemical Analysis of Fresh Water Wells**

Quite a few fresh water wells exist within one mile of the well location. Fresh water samples will be obtained from two of the wells (yet to be determined) and analysis of these samples, a map, and the Water Right Summary from the New Mexico Office of the State Engineer will be provided to the OCD as soon as they are available.

**XII Affirmative Statement of Examination of Geologic and Engineering Data**

Based on the available engineering and geologic data we find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

District I  
 1635 N French Dr., Hobbs, NM 88240  
 Phone (575) 393-6161 Fax (575) 393-0720  
 District II  
 911 S First St., Artesia, NM 88210  
 Phone (575) 748-1283 Fax (575) 748-9720  
 District III  
 1000 Rio Brazos Road, Artesia, NM 87410  
 Phone (505) 334-6178 Fax (505) 334-6170  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
 OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-102  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-015-44237</b>		2 Pool Code <b>86101</b>		3 Pool Name <b>SWD, Silurian-Devonian</b>	
4 Property Code <b>317792</b>		5 Property Name <b>Alpha SWD</b>			6 Well Number <b>#1</b>
7 OGRID No. <b>372180</b>		8 Operator Name <b>Alpha SWD Operating LLC</b>			9 Elevation <b>3008.69'</b>

**Surface Location**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	<b>10</b>	<b>24 S</b>	<b>28 E</b>		<b>1457'</b>	<b>SOUTH</b>	<b>2093'</b>	<b>EAST</b>	<b>EDDY</b>

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

10 Dedicated Acres	11 Joint or Infill	12 Consolidation Code	13 Order No

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

<p><b>GEODETIC DATA</b>          NAD 83 GRID - NM EAST</p> <p><b>ALPHA SWD #1</b>          Y=447280 53          X=821819 30          LAT=32 229411 N          LONG=-104 073711 W          ELEV=3008 69'</p> <p><b>CORNER DATA</b>          NAD 83 GRID - NM EAST</p> <p>A - Y=451083 37, X=818379 89          B - Y=451081 50, X=823704 83          C - Y=445834 88, X=823709 95          D - Y=445829 34, X=818417 08</p> <p>40 AC</p> <p><b>ALPHA SWD #1</b></p> <p>2093'</p> <p>1457'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral interest, or to a voluntary pooling agreement or a compulsory pooling order, heretofore created by the division.</p> <p><i>[Signature]</i> 6/6/2017          Date</p> <p><b>Christopher Wevand</b>          Printed Name</p> <p><b>chris@longquist.com</b>          Email Address</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>6/5/2017          Date of Survey</p> <p><i>[Signature]</i>          Signature and Seal of Surveyor</p> <p>235720          Certificate Number</p> <p><b>ROBERT P. ALLEN, III</b>          NEW MEXICO          PROFESSIONAL SURVEYOR          35572</p>

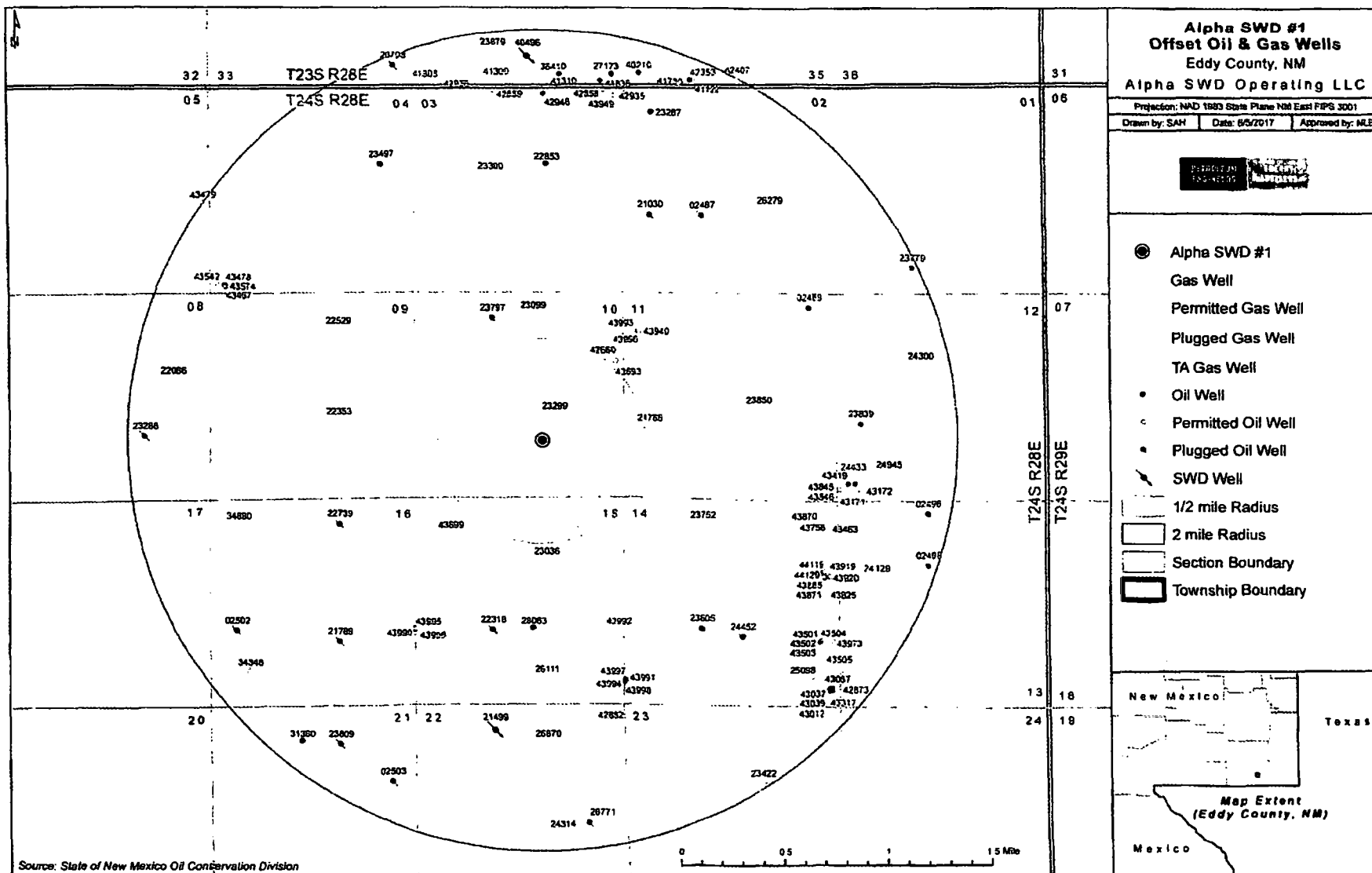
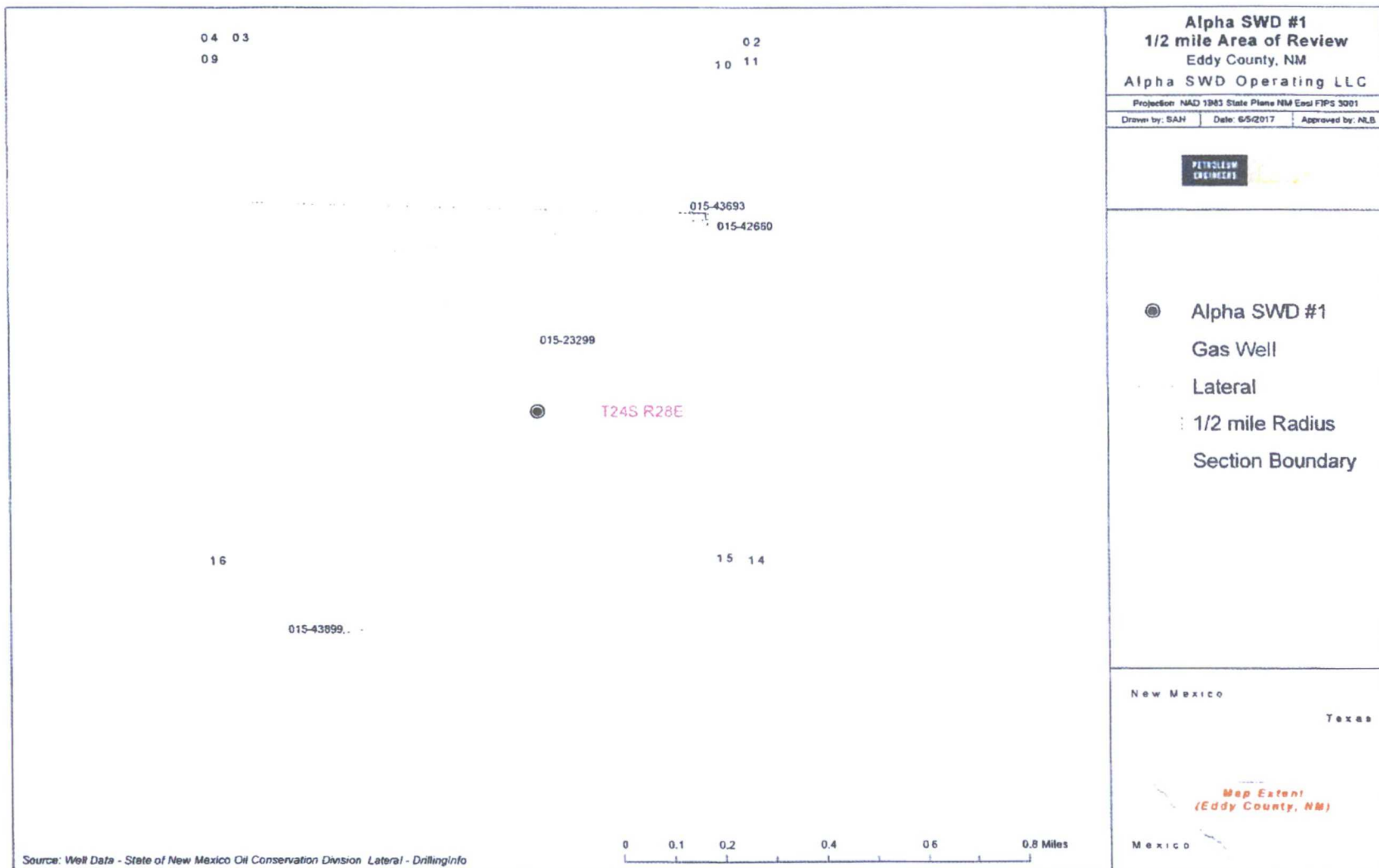
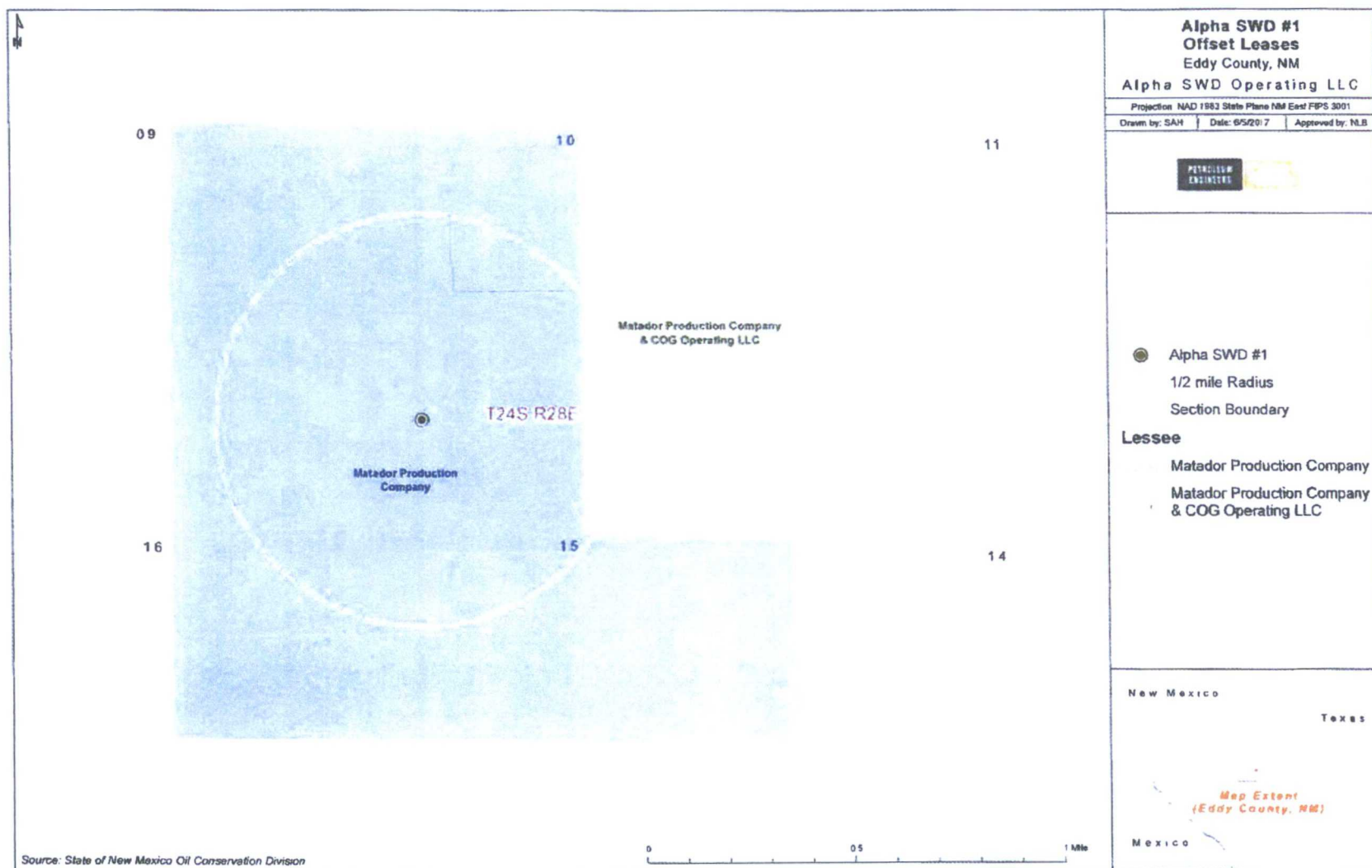


EXHIBIT B



Half-Mile AOR  
Alpha SWD #1

API (30-015-)	Well Name	Well Type	Status	Operator	TD (TVD)	Location	Date Drilled
23299	KIRKES COM #001	Gas	Active	MATADOR PRODUCTION COMPANY	12,800	J-10-24S-28E	4/28/1980
42660	GUITAR 10 24 28 RB #202H	Gas	Active	MATADOR PRODUCTION COMPANY	9,475	H-10-24S-28E	12/3/2014
43693	GUITAR 10 24 28 RB #222H	Gas	Active	MATADOR PRODUCTION COMPANY	10,238	H-10-24S-28E	4/24/2016
43899	ANNE COM 15 24S 28E RB #221H	Gas	Active	MATADOR PRODUCTION COMPANY	10,614	D-15-24S-28E	9/26/2016

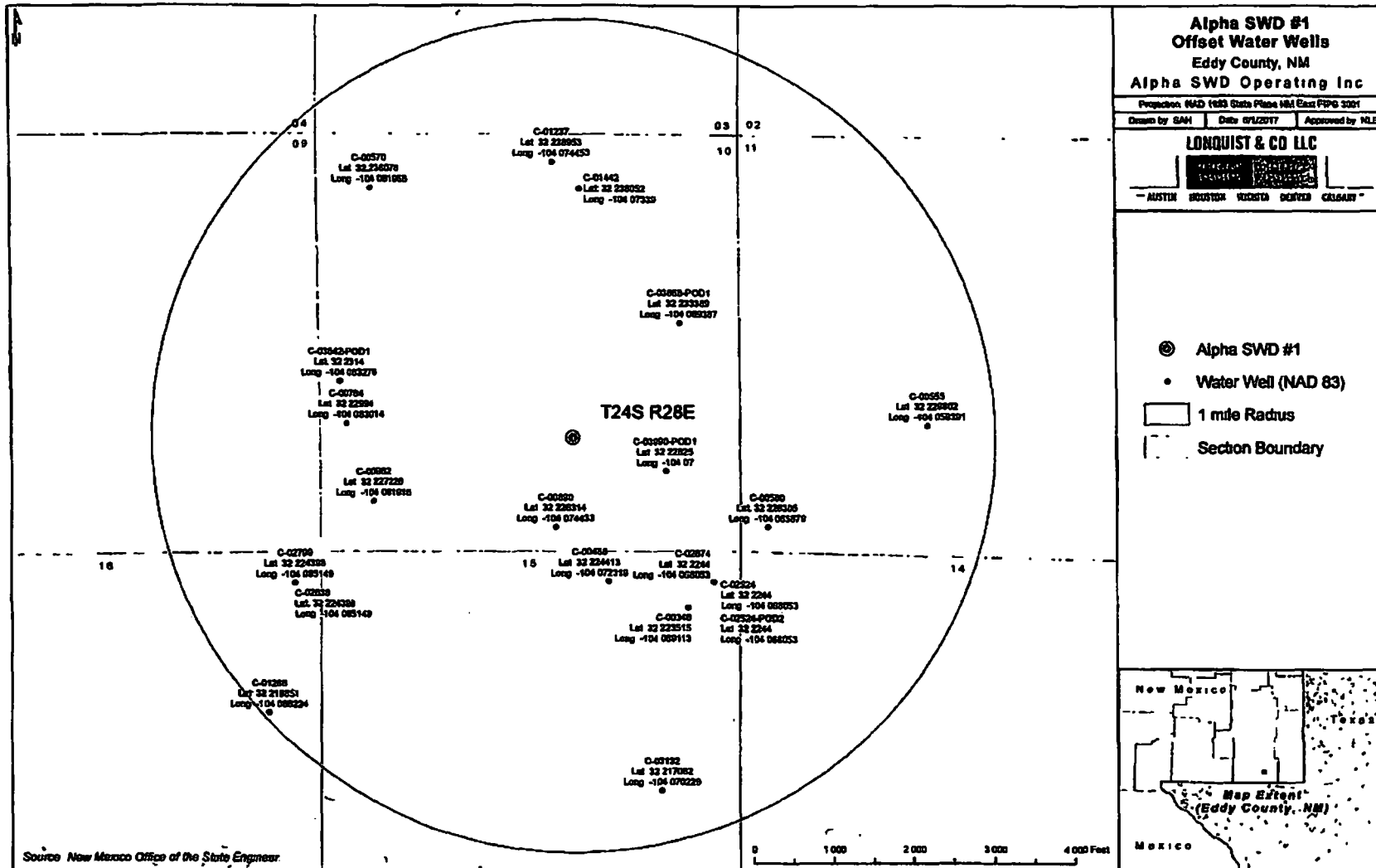


-Alpha SWD No. 1 Notice List-			
Notice	Address	Phone Number	Date Noticed
Oil Conservation Division District IV	1220 South St. Francis Drive, Santa Fe, NM 87505	(505) 476-3440	6/7/2017
Oil Conservation Division District II	811 S. First St., Artesia, NM 88210	(575) 748-1283	6/7/2017
Mr. James N. Phillips and Mr. & Mrs. James R. Phillips	PO Box 148, Malaga, NM 88263		6/6/2017
COG Operating LLC	One Concho Center, 600 W Illinois Ave, Midland, TX 79701		6/6/2017
Matador Production Company	One Lincoln Center, 5400 LBJ Freeway, Suite 1500, Dallas, TX 75240		6/6/2017

Alpha EWD 61: Other Producted Waste Analysis - Wellbore																			
wellbore	log	depth	length	volume	density	temp	rate	type	status	status	status	status	status	status	status	status	status	status	status
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
WELLBORE 17-12000000000000000000	10011510100	20 2110101	100 2001010	17 045	171	16	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000



		Table 200-22: Global Population by Region																			
		Region	Country	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area	Population	Area
Africa		200000000	30	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000
Asia		400000000	40	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000
Europe		700000000	70	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000	70000000
North America		300000000	30	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000	30000000
South America		400000000	40	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000
Oceania		400000000	40	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000	40000000
Total		1000000000	100	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000	100000000



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This legal notice will appear in the Carlsbad Current-Argus on Tuesday, June 6, 2017, and run in the paper for one day. The affidavit of publication will be forwarded to the New Mexico Oil Conservation Division upon receipt.

**Legal Notice**

Alpha SWD Operating LLC, 4436 Sterling Ln, Plano, Texas 75093 is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for administrative approval for its salt water disposal well Alpha SWD No. 1. The proposed well will be located 1,457' FSL & 2,093' FEL in Section 10, Township 24S, Range 28E in Eddy County, New Mexico. Disposal water will be sourced from area production, and will be injected into the Siluro-Devonian Formation (determined by offset log analysis) through an open hole completion between a maximum applied for top of 14,000 feet to a maximum depth of 15,200 feet. The maximum surface injection pressure will not exceed 2,800 psi with a maximum rate of 32,000 BWPD. Interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days. Additional information can be obtained from the applicant's agent, Lonquist & Co., LLC, at (512) 600-1764.

**District I**  
1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0720

**District II**  
811 S First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170

**District IV**  
1220 S St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

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

Form C-101  
Revised July 18, 2013

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

Operator Name and Address <b>ALPHA SWD OPERATING LLC</b> 4436 STERLING LN PLANO, TX 75093		OGRID Number 372180
Property Code 317792		APINumber 30-015-44237
Property Name ALPHA SWD		Well No

**Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	10	24S	28E		1,457	SOUTH	2,093	EAST	EDDY

**Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**Pool Information**

Pool Name SWD, Sauron-Devonian	Pool Code 96101
-----------------------------------	--------------------

**Additional Well Information**

Work Type N	Well Type SWD	Cable/Rotary R	Lease Type Private	Ground Level Elevation 3,013'
Multiple N	Proposed Depth 15,200'	Formation Sauron-Devonian	Contractor TBD	Spud Date ASAP
Depth to Ground water 25'		Distance from nearest fresh water well 500'		Distance to nearest surface water 2300'

☒ We will be using a closed-loop system in lieu of lined pits

**Proposed Casing and Cement Program**


Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94 lb/ft	600'	1,420	Surface
Intermediate	17 5"	13 3/8"	68 lb/ft	2,600'	1,465	Surface
Production	12 25"	9 625"	47 lb/ft	9,700'	1,840	Surface
Prod Liner	8 5"	7 625"	42 8 lb/ft	9,400' - 14,000'	370	9,400'
Tubing	N/A	5 5"	17 lb/ft	13,950'	N/A	N/A

**Casing/Cement Program: Additional Comments**

See attached schematic

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic Blinds, Pipe	5,000 psi	8,000 psi	TBD - Schaffner/Cameron

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief  
I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☒ if applicable  
Signature: 

Printed name: Chris Weyand

Title: Consulting Engineer

E-mail Address: chris@lonquist.com

Date: June 6, 2017

Phone: 512-600-1764

**OIL CONSERVATION DIVISION**

Approved By

Title

Approved Date

Expiration Date

Conditions of Approval Attached

---

**McMillan, Michael, EMNRD**

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Monday, June 12, 2017 4:24 PM  
**To:** 'chris@lonquist.com', 'Steve Pattee'  
**Cc:** Jones, William V, EMNRD, Goetze, Phillip, EMNRD  
**Subject:** Alpha SWD Operating, LLC Alpha SWD Well No 1

Steve

Your application that was received on June 12, 2017 will not be placed into the administrative application review process

The following information is required

- Return receipt for surface owner
- Return receipt for operator of record,
- Affidavit of publication
- Signed statement from either a geologist or engineer that there is no connection between groundwater and injection interval (a signed statement from the form C-108)

If the required information is not received within 10-days, your application will be cancelled

Michael McMillan  
1220 South St Francis  
Santa Fe, New Mexico  
505-476-3448  
Michael.mcmillan@state.nm.us

<p>1. Complete items 1, 2, and 3. 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.</p> <p>Article Addressed to:</p> <p>New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division District II 811 S First Street Alamogordo New Mexico 88310</p> <p>8590 8402 2919 7084 7233 55</p> <p>Article Number (Transfer from service label) 7015 1660 0000 4377 9660</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>A. Signature <i>Green Zapp</i> B. Date of Delivery 6-12-17</p> <p>1. Article Addressed to:</p> <p>New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division District IV 1220 South Street France Drive Santa Fe New Mexico 87505</p> <p>8590 8403 0953 5223 5486 30</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9677</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>1. Complete items 1, 2, and 3. 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.</p> <p>Article Addressed to:</p> <p>New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division District IV 1220 South Street France Drive Santa Fe New Mexico 87505</p> <p>8590 8403 0953 5223 5486 30</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9677</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>A. Signature <i>Green Zapp</i> B. Date of Delivery 6-12-17</p> <p>1. Article Addressed to:</p> <p>New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division District IV 1220 South Street France Drive Santa Fe New Mexico 87505</p> <p>8590 8403 0953 5223 5486 30</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9677</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>
<p>1. Complete items 1, 2, and 3. 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.</p> <p>Article Addressed to:</p> <p>Metastor Production Company One Lincoln Center 530 LBJ Freeway Suite 1500 Dallas, Texas 75240</p> <p>8590 8403 0953 5223 5486 34</p> <p>Article Number (Transfer from service label) 7015 1660 0000 4377 9671</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>A. Signature <i>Diane Burns</i> B. Date of Delivery 6/1/17</p> <p>1. Article Addressed to:</p> <p>Mr James N Phillips &amp; Mrs James R Phillips P O Box 148 Malaga New Mexico 88263</p> <p>8590 8403 0953 5223 5486 34</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9707</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>1. Complete items 1, 2, and 3. 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.</p> <p>Article Addressed to:</p> <p>Mr James N Phillips &amp; Mrs James R Phillips P O Box 148 Malaga New Mexico 88263</p> <p>8590 8403 0953 5223 5486 34</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9707</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>	<p>A. Signature <i>Diane Burns</i> B. Date of Delivery 6/1/17</p> <p>1. Article Addressed to:</p> <p>Mr James N Phillips &amp; Mrs James R Phillips P O Box 148 Malaga New Mexico 88263</p> <p>8590 8403 0953 5223 5486 34</p> <p>2. Article Number (Transfer from service label) 7015 1660 0000 4377 9707</p> <p>PS Form 3811, July 2015 PSN 7530-01-000-0003</p>

1. Complete items 1, 2, and 3.  
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:

COG Operating, LLC  
One Corbin Center  
600 W. Illinois Avenue  
Midland Texas 79701

8590 8403 0953 5223 5486 34

Article Number (Transfer from service label)  
7015 1660 0000 4377 9671

PS Form 3811, July 2015 PSN 7530-01-000-0003

**Affidavit of Publication**

State of New Mexico,  
County of Eddy, ss

**Danny Fletcher**, being first duly  
sworn, on oath says

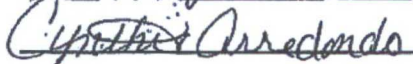
That he is the Publisher of the  
Carlsbad Current-Argus, a  
newspaper published daily at the  
City of Carlsbad, in said county of  
Eddy, state of New Mexico and of  
general paid circulation in said  
county, that the same is a duly  
qualified newspaper under the laws  
of the State wherein legal notices  
and advertisements may be  
published, that the printed notice  
attached hereto was published in the  
regular and entire edition of said  
newspaper and not in supplement  
thereof on the date as follows, to wit

June 6 2017

That the cost of publication is \$70.15  
and that payment thereof has been  
made and will be assessed as court  
costs



Subscribed and sworn to before me  
this 7 day of June, 2017



My commission Expires 2/13/21

Notary Public



June 6, 2017  
Legal Notice  
Alpha SWD Operating  
LLC, 4436, Sterling Ln,  
Palo Verde, Texas 75093 is  
filing Form C-108 (Ap-  
plication for Authori-  
zation to Inject) with  
the New Mexico Oil  
Conservation Division  
for administrative ap-  
proval for its salt wa-  
ter disposal well Alpha  
SWD No. 1. The pro-  
posed well will be lo-  
cated 1.457° FSL in  
2,093' FSL in Section  
10, Township 24S,  
Range 28E in Eddy  
County, New Mexico.  
Disposal water will be  
sourced from area  
production and will  
be injected into the  
Siluro-Devonian For-  
mation (determined  
by offset log analysis)  
through an open hole  
completion between a  
maximum depth of  
top of 14,000 feet to a  
maximum depth of  
15,200 feet. The maxi-  
mum surface injection  
pressure will not ex-  
ceed 2,800 psi with a  
maximum rate of  
32,000 BWP/D. Inter-  
ested parties oppos-  
ing the action must  
file objections or re-  
quests for hearing  
with the Oil Conserva-  
tion Division, 1220  
South St. Francis  
Drive, Santa Fe, New  
Mexico 87505, within  
15 days. Additional in-  
formation can be ob-  
tained from the appli-  
cant's agent, Conquist  
Co. LLC, at (512) 600-1754.

**IX Proposed Stimulation Program**

**No proposed stimulation program**

**X Logging and Test Data on the Well**

**There are no logs or test data on the well. During the process of drilling and completion resistivity, gamma ray, and density logs will be run.**

**XI Chemical Analysis of Fresh Water Wells**

**Cardinal Laboratories in Hobbs, New Mexico was contracted to obtain water samples from fresh water wells within 1 mile and provide chemical analysis of the samples. It was determined that all wells within the area had been plugged or were not operational.**

**XII Affirmative Statement of Examination of Geologic and Engineering Data**

**Based on the available engineering and geologic data we find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.**

*Cheryl W. [Signature]*  
6/19/2017





## New Mexico Office of the State Engineer

# Point of Diversion Summary

		<small>(quarters are 1=NW 2=NE 3=SW 4=SE)</small>				<small>(quarters are smallest to largest)</small>		<small>(NAD83 UTM in meters)</small>	
<b>POD Number</b>		<b>Q64 Q16 Q4</b>		<b>Sec Tws Rng</b>		<b>X</b>		<b>Y</b>	
C 03824 POD1		4 1 2 16 24S 28E				585770		3565578	

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<b>Driller License:</b> 1566		<b>Driller Company:</b> ABE DYCK PUMPING SERVICE	
<b>Driller Name:</b> DYCK, ABE			
<b>Drill Start Date:</b> 01/19/2015		<b>Drill Finish Date:</b> 03/02/2015	
<b>Log File Date:</b> 05/26/2015		<b>PCW Rev Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b> 12 00		<b>Depth Well:</b> 290 feet	
		<b>Plug Date:</b>	
		<b>Source:</b> Shallow	
		<b>Estimated Yield:</b> 300 GPM	
		<b>Depth Water:</b> 60 feet	

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<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	56	101	Sandstone/Gravel/Conglomerate
	101	150	Shale/Mudstone/Siltstone
	150	187	Sandstone/Gravel/Conglomerate
	187	201	Other/Unknown
	201	290	Shale/Mudstone/Siltstone

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<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	0	290

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

6/27/17 1 57 PM

POINT OF DIVERSION SUMMARY



## C-108 Review Checklist:

Received 6/14/2017 Add Request 6/14/2017 Reply Date \_\_\_\_\_ Suspended \_\_\_\_\_ [Ver 15]ORDER TYPE WFX / PMX SWD Number \_\_\_\_\_ Order Date \_\_\_\_\_ Legacy Permits/Orders \_\_\_\_\_Well No 1 Well Name(s) Alpha-SunAPI 30-0 15-44237 Spud Date TBN New or Old N (UIC Class II Primacy 03/07/1982)Footages 1457 FSL 2052 FSL Lot \_\_\_\_\_ or Unit 5 Sec 10 Tsp 245 Rge 280 County EddyGeneral Location 2.1 mile N of main road Pool Sun-Denham-S-2400m Pool No 97865BLM 100K Map Carlsbad Operator Alpha-Sun OGRID 3711 Contact Chris Ward, ASURCOMPLIANCE RULE 59 Total Wells 1 Inactive 0 Fincl Assur UK Compl Order? 4A TS 59 OK? X Date 6-27-2017WELL FILE REVIEWED Current Status ProposedWELL DIAGRAMS NEW Proposed 0 or RE-ENTER Before Conv 0 After Conv 0 Logs in Imaging N/A

Planned Rehab Work to Well \_\_\_\_\_

Well Construction Details		Sizes (in)	Setting	Cement	Cement Top and Determination Method
		Borehole / Pipe	Depths (ft)	Sx or Cf	
Planned or Existing Surface		26"/20"	600'	1420	Surface / Visual
Planned or Existing Intern/Prod		17 1/2"/13 1/8"	2600	1465	Surface / Visual
Planned or Existing Intern/Prod		12 1/4"/9 5/8"	9700	1840	Surface / Visual
Planned or Existing Prod/Liner		20 1/8"/17 1/4"	13450	370	9400 / ERL
Planned or Existing Liner					
Planned or Existing OH/PERF		14000/15200			
Injection Lithostratigraphic Units		Depths (ft)	Injection or Confining Units	Tops	Completion/Operation Details
Adjacent Unit Litho Struc Por			DN	14100	Drilled TO <u>15200</u> PBTD _____
Confining Unit Litho Struc Por			ALH	13920	NEW TO _____ NEW PBTD _____
Proposed Inj Interval TOP					NEW Open Hole <u>0</u> or NEW Perfs <u>0</u>
Proposed Inj Interval BOTTOM					Tubing Size <u>14 1/2"</u> Inter Coated? _____
Confining Unit Litho Struc Por					Proposed Packer Depth <u>13550</u> ft
Adjacent Unit Litho Struc Por					Min Packer Depth <u>13520</u> (00-ft limit)
					Proposed Max Surface Press <u>2800</u> psi
					Admin Inj Press <u>2800</u> (0.2 psi per ft)
AOR Hydrologic and Geologic Information					
POTASH R-111-P <u>MA</u> Noticed? _____ BLM Sec Ord <u>0</u> WIPP <u>0</u> Noticed? _____ Salt/Salado T <u>2400</u> NW Cliff House fm <u>MA</u>					
FRESH WATER Aquifer <u>Quaternary</u> Max Depth <u>140</u> HYDRO AFFIRM STATEMENT By Qualified Person <u>0</u>					
NMOSE Basin <u>Carlsbad</u> CAPITAN REEF thru <u>base 5 mi</u> adj <u>NA</u> No Wells within 1-Mile Radius? _____ FW Analysis _____					
Disposal Fluid Formation Source(s) <u>Del Norte</u> Analysis? _____ On Lease <u>0</u> Operator Only <u>0</u> or Commercial <u>0</u>					
Disposal Int Inject Rate (Avg/Max BWPD) <u>25K/32K</u> Protectable Waters? <u>MA</u> Source _____ System <u>Closed</u> or Open _____					
HC Potential Producing Interval? <u>MA</u> Formerly Producing? _____ Method Logs/DST/P&A/Other <u>negative</u> 1/2-Mile Radius Pool Map <u>0</u>					
AOR Wells: 1/2-M Radius Map? <u>Y</u> Well List? _____ Total No Wells Penetrating Interval _____ Horizontals? _____					
Penetrating Wells No Active Wells <u>0</u> Num Repairs? _____ on which well(s)? _____ Diagrams? _____					
Penetrating Wells No P&A Wells <u>0</u> Num Repairs? _____ on which well(s)? _____ Diagrams? _____					
NOTICE Newspaper Date <u>June 6, 2016</u> Mineral Owner _____ Surface Owner <u>Phillips</u> N Date _____					
RULE 26.7(A) Identified Tracts? <u>Y</u> Affected Persons <u>CUB, Matudon</u> N Date <u>6-06-2017</u>					

Order Conditions' Issues \_\_\_\_\_

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State of New Mexico  
Energy, Minerals and Natural Resources Department

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Susana Martinez  
Governor

Ken McQueen  
Cabinet Secretary

Matthias Seyer  
Deputy Cabinet Secretary

David R. Catanach, Division Director  
Oil Conservation Division



Administrative Order SWD-1680  
June 28, 2017

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of Division Rule 19.15 26 8B NMAC, Alpha SWD Operating LLC (the "operator") seeks an administrative order for its proposed Alpha SWD Well No. 1 (API No. 30-015-44237) to be located 1457 feet from the South line and 2093 feet from the East line, Unit letter J of Section 10, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico, for the purpose of commercial disposal of produced water.

**THE DIVISION DIRECTOR FINDS THAT:**

The application has been duly filed under the provisions of Division Rule 19.15 26.8B. NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and **no objection was received within the required suspense period**. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 19.15 26.8 NMAC have been met and the operator is in compliance with Rule 19.15.5.9 NMAC.

**IT IS THEREFORE ORDERED THAT:**

The applicant, Alpha SWD Operating LLC (OGRID 372180) is hereby authorized to utilize its proposed Alpha SWD Well No. 1 (API No. 30-015-44237) to be located 1457 feet from the South line and 2093 feet from the East line, Unit letter J of Section 10, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) through an open-hole interval within Devonian and Silurian formations from approximately 14000 feet to approximately 15200 feet. Injection shall occur through internally-coated tubing and a packer set a maximum of 100 feet above the top of the open-hole interval. Injection will occur through either an internally-coated, 4-1/2-inch or smaller tubing and a packer set within 100 feet of the uppermost perforation.

*This permit does not allow disposal into the Ellenburger formation (lower Ordovician) or lost circulation intervals directly on top and obviously connected to this formation.*

*Prior to commencing disposal, the operator shall submit mudlog and geophysical logs information, to the Division's District geologist and Santa Fe Engineering Bureau office, showing evidence agreeable that only the permitted formation is open for disposal including a summary of depths (picks) for contacts of the formations which the Division shall use to amend this order for a final description of the depth for the injection interval.*

1220 South St. Francis Drive • Santa Fe, New Mexico 87505  
Phone (505) 476-3441 • Fax (505) 476-3462 • email [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd)

**EXHIBIT C**

**IT IS FURTHER ORDERED THAT**

The operator shall take all steps necessary to ensure that the disposed water enters only the approved disposal interval and is not permitted to escape to other formations or onto the surface. This includes the well construction proposed in the application and any required modifications of construction as required by the Division.

*The operator shall circulate the cement behind the casing to surface for all surface and intermediate casings.*

*The operator shall run a CBL (or equivalent) across the 7-5/8-inch liner from 500 feet above the liner to the bottom of the liner to demonstrate a good cement across the 7-5/8-inch liner, and good bond between the liner and the 9-5/8-inch casing.*

*Within two years after commencing disposal, the operator shall conduct an injection survey, consisting of a temperature log or equivalent, over the entire injection interval using representative disposal rates. Copies of the survey results shall be provided to the Division's District I office and Santa Fe Engineering Bureau office.*

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A NMAC. The Division Director retains the right to require at any time wireline verification of completion and packer setting depths in this well.

The wellhead injection pressure on the well shall be limited to no more than 2800 psi. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well. The Division Director retains the right to require at any time the operator to install and maintain a chart recorder showing casing and tubing pressures during disposal operations.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate Test.

The operator shall notify the supervisor of the Division's District office of the date and time of the installation of disposal equipment and of any MIT so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's District office. The operator shall submit monthly reports of the disposal

operations on Division Form C-115, in accordance with Division Rules 19 15 26 13 and 19 15 7.24 NMAC

Without limitation on the duties of the operator as provided in Division Rules 19 15 29 and 19 15 30 NMAC, or otherwise, the operator shall immediately notify the Division's District office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage

The injection authority granted under this order is not transferable except upon Division approval. The Division may require the operator to demonstrate mechanical integrity of any disposal well that will be transferred prior to approving transfer of authority to inject

The Division may revoke this injection permit after notice and hearing if the operator is in violation of Rule 19 15 5 9 NMAC

The disposal authority granted herein shall terminate two (2) years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.

  
**DAVID R. CATANACH**  
Director

DRC/mam

cc. Oil Conservation Division – Artesia  
Well File - 30-015-44237



**From:** [Mike McCurdy](#)  
**To:** [McMillan, Michael, EMNRD](#)  
**Cc:** [Jones, William V, EMNRD](#); [Lowe, Leonard, EMNRD](#); [Goetze, Phillip, EMNRD](#); [Brooks, David K, EMNRD](#); [Podany, Raymond, EMNRD](#); [Byrd, Robert, EMNRD](#)  
**Subject:** Re: Protested Application Delaware Energy LLC Ruiz SWD Well No. 1 Eddy Co.

---

Mr. McMillan,

Delaware Energy intends to proceed with a hearing regarding the Alpha protest. We are engaging counsel and would like to set the hearing for December 21st, 2017.

Thanks,

Mike McCurdy  
Delaware Energy  
405 N. Marienfeld, Suite 250  
Midland, TX 79705  
Phone: 432-312-5251

From: "McMillan, Michael, EMNRD" <Michael.McMillan@state.nm.us>  
Date: Thursday, July 13, 2017 at 3:57 PM  
To: Mike McCurdy <mmccurdy@delawareenergyllc.com>  
Cc: "Jones, William V, EMNRD" <WilliamV.Jones@state.nm.us>, "Lowe, Leonard, EMNRD" <Leonard.Lowe@state.nm.us>, "Goetze, Phillip, EMNRD" <Phillip.Goetze@state.nm.us>, "Brooks, David K, EMNRD" <DavidK.Brooks@state.nm.us>, "Podany, Raymond, EMNRD" <Raymond.Podany@state.nm.us>, "Byrd, Robert, EMNRD" <Robert.Byrd@state.nm.us>  
Subject: Protested Application Delaware Energy LLC Ruiz SWD Well No. 1 Eddy Co.

RE: Ruiz SWD Well No. 1 (API 30-015-pending; Appl. No. pKSC1718735697) – Unit K, Section 10, T. 24 S., R. 28 E., NMPM, Eddy County, New Mexico.

Mr. McCurdy:

Alpha SWD Operating LLC is protesting this application for approval of a salt water disposal well into the Devonian formation. Alpha SWD Operating LLC has been identified as an affected person for the proposed salt-water disposal well. Therefore, you are being notified that if Delaware Energy LLC wishes for this application to be considered, it must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained by OCD, but suspended from further administrative review. Please contact OCD once you have made a decision regarding the application within the next 30 days. If the protest remains after 30 days, OCD will initiate the process for the application to be reviewed at hearing. Please contact me with any questions regarding this matter. Mike

Contact for Alpha SWD Operating LLC  
Christopher B. Weyand  
Consulting Engineer  
Lonquist and Company LLC  
3345 Bee Cave Road, Suite 201  
Austin, Tx 78746  
Phone: 512.600.1764  
E-mail: [chris@lonquist.com](mailto:chris@lonquist.com)

Michael McMillan  
1220 South St. Francis  
Santa Fe, New Mexico  
505-476-3448

**EXHIBIT D**

Michael.mcmillan@state.nm.us

**EXHIBIT D**

**From:** Kurt Knewitz  
**To:** ["Mike McCurdy"](#)  
**Subject:** RE: Question  
**Date:** Wednesday, May 10, 2017 3:18:35 PM  
**Attachments:** [Alpha SWD#1-4 Econ Model No Royalty Pipeline - 24 Mo.pdf](#)  
[Alpha SWD#1-4 Econ Model No Royalty Pipeline ICF - 24 Mo.pdf](#)

---



Kurt Knewitz  
P: 214-418-1177  
[Kurt@alphaswd.com](mailto:Kurt@alphaswd.com)  
[www.alphaswd.com](http://www.alphaswd.com)

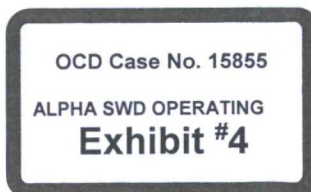
**From:** Mike McCurdy [mailto:mmccurdy@delawareenergyllc.com]  
**Sent:** Wednesday, May 10, 2017 7:45 AM  
**To:** Kurt Knewitz <kurt@alphaswd.com>; jagoss83@gmail.com  
**Subject:** Re: Question

Kurt,

Thank you for the brochure it looks great! When you have time could you please help understand the tax questions below?

- 1.) Looking at the State tax numbers, we are assuming those dollars are for ad valorem on the equipment. Is this correct?
- 2.) Does NM have an ad valorem tax for the injection well and equipment? As you know, injection wells in TX do not have ad valorem tax, only the equipment is taxed.
- 3.) The production severance tax in NM is roughly 8% (schedule attached). We think that this would be applicable to the Calderon. What are your thoughts?
- 4.) Is this all the expected taxes you believe exist with the State?

Thanks,  
MM





---

**From:** Mike McCurdy  
**Sent:** Tuesday, May 9, 2017 7:53:48 PM  
**To:** Kurt Knewitz  
**Subject:** Re: Question

Thank you Kurt!

Get [Outlook for iOS](#)

---

**From:** Kurt Knewitz <kurt@alphaswd.com>  
**Sent:** Tuesday, May 9, 2017 9:52:56 PM  
**To:** Mike McCurdy  
**Subject:** RE: Question

See link below. File too large to email.

I'm using Adobe Send & Track.

You can view "ALPHA SWD #1 PERMIAN PROJECT.pdf" at:

<https://files.acrobat.com/a/preview/e405ac87-4ca7-409c-bc7e-19781d6aadb0>



Kurt Knewitz  
P: 214-418-1177  
[kurt@alphaswd.com](mailto:kurt@alphaswd.com)  
[www.alphaswd.com](http://www.alphaswd.com)

---

**From:** Mike McCurdy [<mailto:mmccurdy@delawareenergyllc.com>]  
**Sent:** Tuesday, May 9, 2017 5:36 PM  
**To:** Kurt Knewitz <[kurt@alphaswd.com](mailto:kurt@alphaswd.com)>  
**Subject:** Re: Question

No worries, we thought it looked great. Do you have an updated one.

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---

**From:** Kurt Knewitz <[kurt@alphaswd.com](mailto:kurt@alphaswd.com)>

**Sent:** Tuesday, May 9, 2017 5:33:52 PM

**To:** Mike McCurdy

**Subject:** Re: Question

This brochure was incomplete. I hadn't finished it but wanted to send it to Preston to get his input. It wasn't supposed to be distributed or shared until it was finished. That's why #'s don't work

Kurt Knewitz

P: (214) 418-1177

[Kurt@alphaswd.com](mailto:kurt@alphaswd.com)

[www.alphaswd.com](http://www.alphaswd.com)

On May 9, 2017, at 4:54 PM, Mike McCurdy <[mmccurdy@delawareenergyllc.com](mailto:mmccurdy@delawareenergyllc.com)> wrote:

Kurt,

I have attached the brochure that our partner is referring too along with the questions he had. Thank you for helping us get this lined out.

- 1) Where does the skim oil volume come from? 0.5% seems high
- 2) Is there a severance tax on oil?
- 3) What should we expect for quality of the skim oil. Would there be a price adjustment for quality? Is there a basis differential in Eddy county NM?
- 4) What is the state tax on? disposal fee? Oil sales
- 5) The math is not work. I must be missing something on the expense side. 2017 shows income \$2.6mm expenses (\$660,375)  $(\$210,075 + \$450,000) = 1,939,625$ . Sheet shows \$1,432,033. Same issue in the out years (from page 19 of attached business brochure).

Thanks,

**Mike McCurdy**

Delaware Energy, LLC

3001 W. Loop 250 N.

Suite C-105-318

Midland, TX 79705

[432-312-5251](tel:432-312-5251)

---

**From:** Kurt Knewitz <[kurt@alphaswd.com](mailto:kurt@alphaswd.com)>

**Sent:** Tuesday, May 9, 2017 2:27:29 PM

**To:** Mike McCurdy

**Subject:** Re: Question

I'll have to chk the xls he's looking at. Give me an hr and I'll be back at office

Kurt Knewitz

P: (214) 418-1177

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On May 9, 2017, at 4:24 PM, Mike McCurdy  
<[mmccurdy@delawareenergyllc.com](mailto:mmccurdy@delawareenergyllc.com)> wrote:

The math is not work. I must be missing something on the expense side. 2017 shows income \$2.6mm expenses (\$660,375) (\$210,075+\$450,000)=1.939,625. Sheet shows \$1,432,033. Same issue in the out years

Get [Outlook for iOS](#)

<Blue Energy Solutions Gomez SWD.PDF>

From: Kurt Knewitz  
To: [Mike McCurdy](#)  
Subject: property  
Date: Tuesday, May 16, 2017 9:13:50 PM  
Attachments: [ALPHAS SWD #1 - SITE LAYOUT.pdf](#)

See attached site layout. Property is below, 7.9 acres



Kurt Knewitz  
P: 214-418-1177  
[Kurt@alphaswd.com](mailto:Kurt@alphaswd.com)  
[www.alphaswd.com](http://www.alphaswd.com)

OCD Case No. 15855

ALPHA SWD OPERATING  
**Exhibit #5**

**From:** Mike McCurdy  
**To:** Kurt Knewitz  
**Subject:** Re: property  
**Date:** Tuesday, May 16, 2017 9:51:32 PM

---

Thank you for the info!

Get [Outlook for iOS](#)

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**From:** Kurt Knewitz <kurt@alphaswd.com>  
**Sent:** Tuesday, May 16, 2017 9:15:26 PM  
**To:** Mike McCurdy  
**Subject:** property

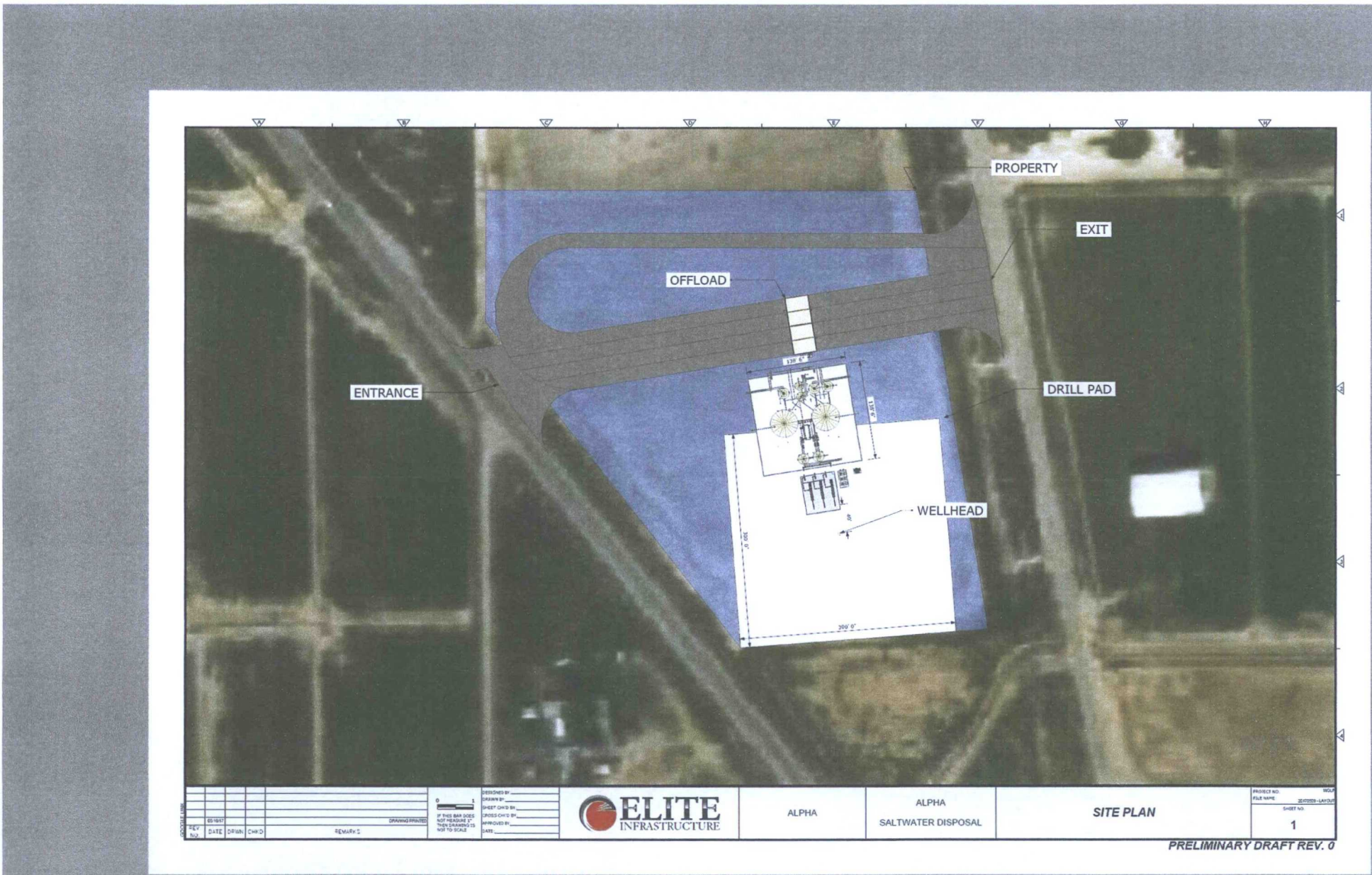
We are having a traffic study done now for the driveway permit and waiting to hear back on power.



Kurt Knewitz  
P: 214-418-1177  
[kurt@alphaswd.com](mailto:kurt@alphaswd.com)  
[www.alphaswd.com](http://www.alphaswd.com)


OCD Case No. 15855  
ALPHA SWD OPERATING  
**Exhibit #6**



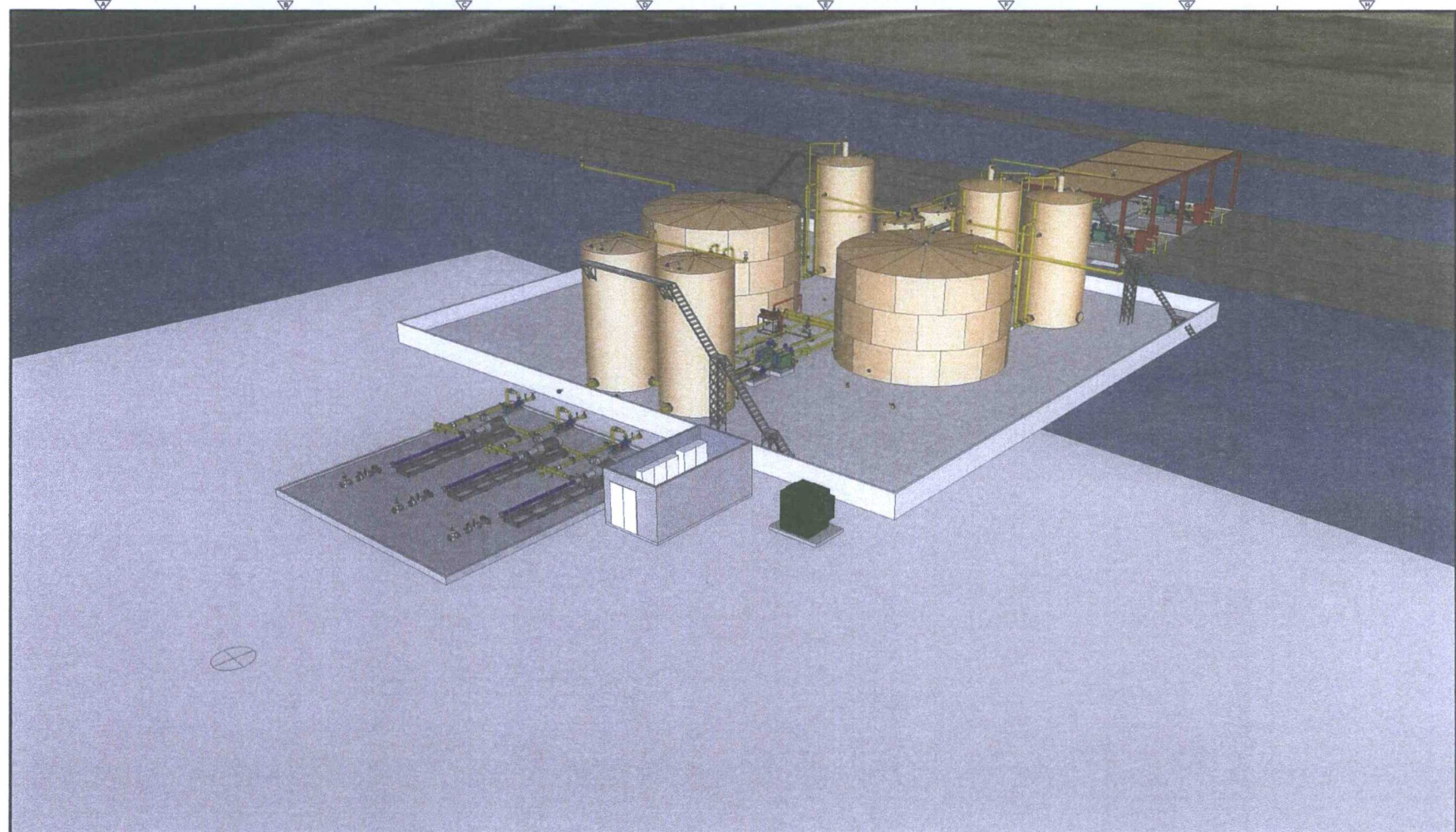






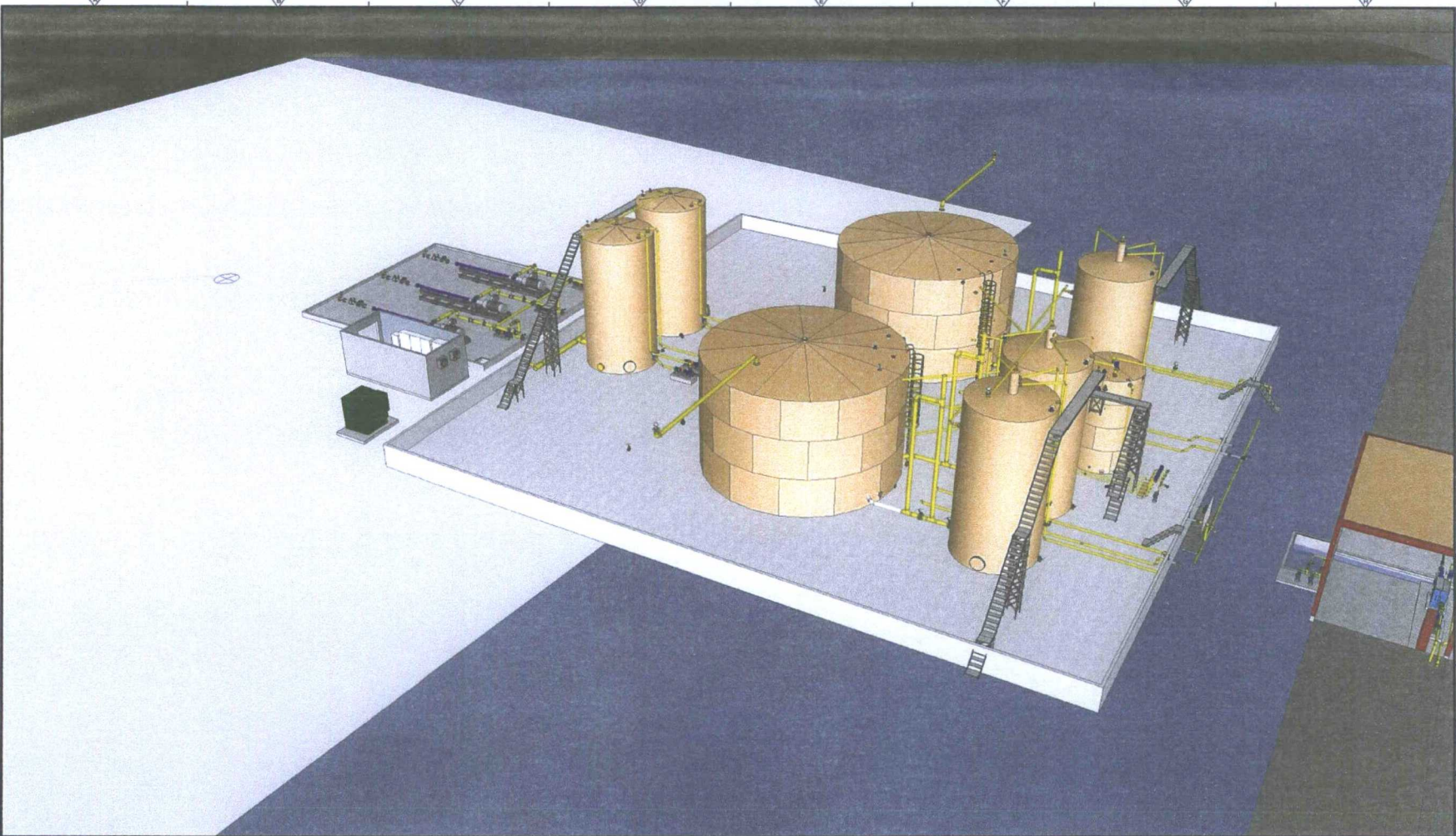
<div><div>01/18/17</div><div>DATE</div></div> <div><div>DRN</div><div>CHN</div></div> <div><div>REMARKS</div></div>				<div>DESIGNED BY: _____</div> <div>DRAWN BY: _____</div> <div>SHEET CHECKED BY: _____</div> <div>CHECKED BY: _____</div> <div>DATE: _____</div>	<div> <b>ELITE</b> INFRASTRUCTURE</div>	ALPHA	ALPHA SALTWATER DISPOSAL	PERSPECTIVE 1	<div>PROJECT NO. _____</div> <div>FILE NAME _____</div> <div>SHEET NO. <b>2</b></div>
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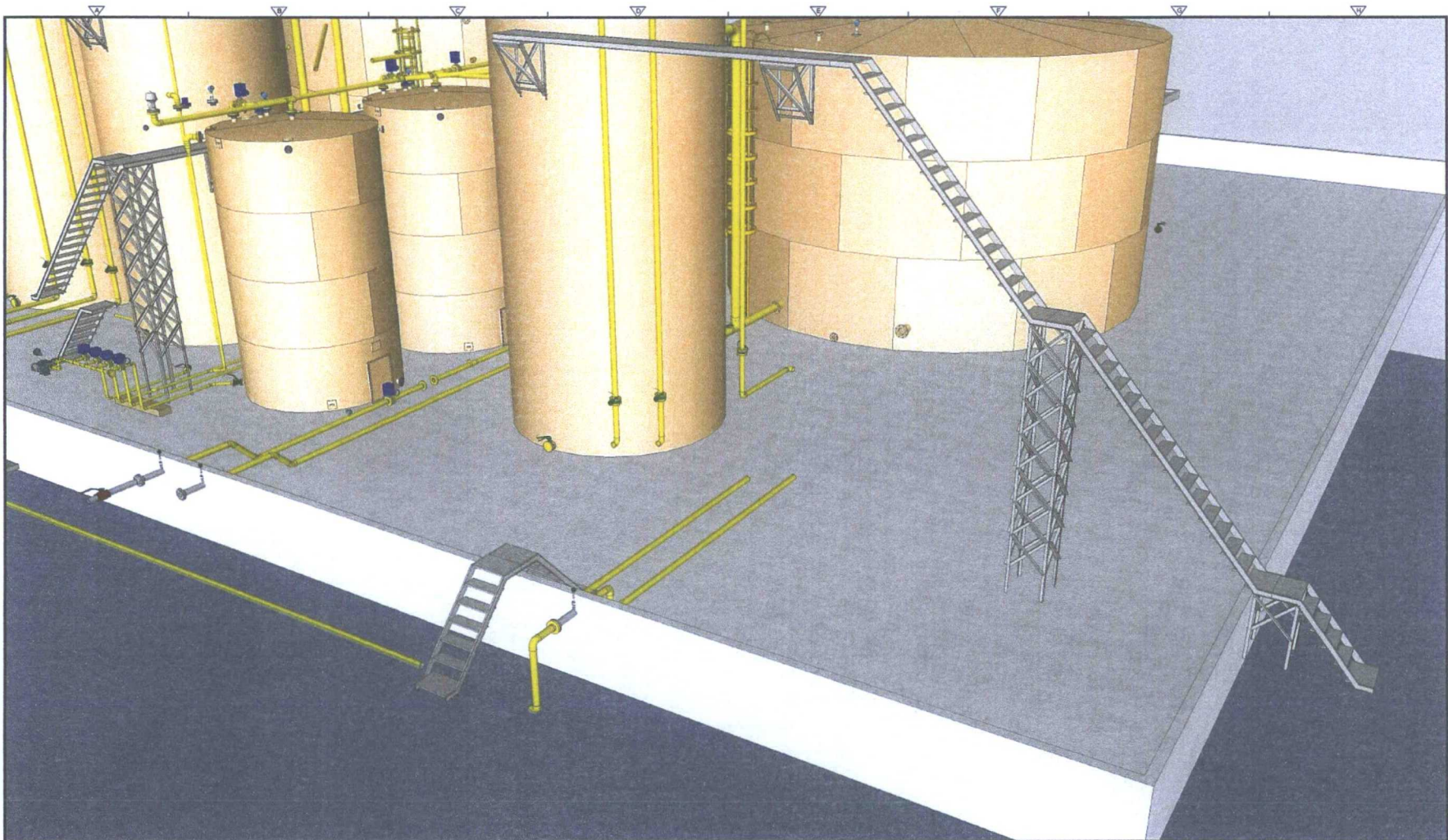
				<div><div><div></div><div></div><div></div></div><div>01</div><div>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE</div></div>		<div>DESIGNED BY: _____</div> <div>DRAWN BY: _____</div> <div>SHEET CHK'D BY: _____</div> <div>CROSS CHK'D BY: _____</div> <div>APPROVED BY: _____</div> <div>DATE: _____</div>			ALPHA	ALPHA SALTWATER DISPOSAL	PERSPECTIVE 2	<div>PROJECT NO. _____</div> <div>FILE NAME: 2017099-LAYOUT</div> <div>SHEET NO. 3</div>													
<div>REVISIONS</div> <table><tr><td>REV</td><td>DATE</td><td>DRWN</td><td>CHK'D</td><td>REMARKS</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>				REV	DATE	DRWN	CHK'D					REMARKS													
REV	DATE	DRWN	CHK'D	REMARKS																					





				DESIGNED BY: _____			ALPHA	ALPHA	SALTWATER DISPOSAL	PERSPECTIVE 3	PROJECT NO. _____	WOLF
				DRAWN BY: _____							FILE NAME _____	20150801-LAYOUT
				CHECKED BY: _____							SHEET NO. _____	
				DATE _____							4	
				APPROVED BY: _____								
REV	DATE	DRAWN	CHK'D	REMARKS		DRAWING PRINTED						
01	01/17					IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE						





DESIGNED BY _____					ALPHA	ALPHA SALTWATER DISPOSAL	INJECTION SYSTEM	PROJECT NO. _____	WOP _____
DRAWN BY _____								FILE NAME _____	SHEETER-LAYOUT
CHECKED BY _____								SHEET NO.	5
DATE _____									
REV. NO.	DATE	DRWN	CHKD	REMARKS	DRAWING PRINTED: _____				

**From:** Kurt Knewitz  
**To:** "Mike McCurdy"  
**Subject:** AFE  
**Date:** Monday, May 22, 2017 6:37:06 PM  
**Attachments:** ALPHA SWD #1 - RP AFE.pdf

---

Mike –

Good meeting you guys today. I just received this revised AFE from Randy Poston. There's 20% contingency in it but I still think it's high. But I'm not the engineer. I have a few other engineer buddies working some up as well for comparative.

KK



Kurt Knewitz  
P: 214-418-1177  
[Kurt@alphaswd.com](mailto:Kurt@alphaswd.com)  
[www.alphaswd.com](http://www.alphaswd.com)

OCD Case No. 15855

ALPHA SWD OPERATING

**Exhibit #7**

# Administrative Applications Not Approved (see OCD Online for approved permits)

Pending = waiting on OCD review or end of notice suspense period.  
Suspended = waiting on factors outside the OCD, see comments.  
Canceled = timed out, denied or withdrawn, see comments.

APPLICATION TYPES  
CTB, PLC, PC = Surface Commingling  
OLM = Off Lease Measurement  
NSL = Non Standard Location  
SD = Simultaneous Dedication  
NSP = Non Standard Proration Unit  
SWD = Salt Water Disposal  
IPI = Injection Pressure Increase  
WFX, PMX = Waterflood/Pressure Maintenance Expansion

Wednesday, April 19, 2017 9:16:14 AM

All Pending Applications and  
All Suspended/Canceled within past 180 days  
Sorted by Received Date

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Eddy	MAM	SWD	4/17/2017	0	pMAM1710746033	4/17/2017	Susp	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-23339	Protested Chevron
Lea	MAM	SWD	4/17/2017	2	pMAM1710757523		Pend	RAZ OIL AND GAS L.L.C.	Danny Holcomb; Agent	30-025-38162	
Eddy	MAM	SWD	4/17/2017	0	pMAM1710744638	4/17/2017	Susp	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-22931	Protested Chevron USA
Lea	MAM	WFX	4/17/2017	2	pMAM1710847578		Pend	APACHE CORP	Brian Wood; Agent	30-025-06643	
Eddy	MAM	DHC	4/17/2017	2	pMAM1710830639		Pend	CIMAREX ENERGY CO. OF CO	Amithy Crawford; Regulato	30-015-34199	
Eddy	MAM	SWD	4/17/2017	0	pMAM1710749639	4/17/2017	Canc	TACTICAL OIL & GAS, LLC	Brian Wood; Agent	30-015-25003	
Eddy	LEL	NSP	4/14/2017	5	pKSC1710737187		Pend	OXY USA INC	David Stewart david_stew	30-015-44074	Pending 20 day period Well Cedar Canyon 23 Federal Com #33H; API 30-015-44074
	LEL	NSL	4/10/2017	9	pKSC1710158072		Pend	COG OPERATING LLC	Debora L. Wilbourn dwill	30-025-43299	Pending 20 day period Well Skull Cap Federal Com #22H; API # 30-025-43299
Lea	PRG	SWD	4/10/2017	9	pMAM1710058162		Pend	BTA OIL PRODUCERS, LLC	Kayla McConnell; Regulato	30-025-26692	
Lea	MAM	SWD	4/6/2017	13	pMAM1709735973		Pend	STEARNS	Danny Holcomb; Agent	30-025-23833	
Lea	LEL	NSL	4/6/2017	13	pKSC1709730771		Pend	DEVON ENERGY PRODUCTION C	Carol Glass (405) 522-6	30-025-43012	Pending 20 day period Well Blue Krait 23-14 Fed #5H; API 30-025-43012
Lea	LEL	NSL	4/6/2017	13	pKSC1709731879		Pend	DEVON ENERGY PRODUCTION C	Justin Porter Justin.Po	30-025-43237	Pending 20 day period Well Blue Krait 23 Fed #3H; API 30-025-43237
Eddy	LEL	NSL	4/5/2017	14	pKSC1709558173		Pend	CIMAREX ENERGY CO. OF CO	Jennifer L. Bradfute (E-m	30-015-39891	To Process as timely allowed, 04.05.17 Irwin 23-14 Federal #1; API 30-015-39891

OCD Case No. 15855  
ALPHA SWD OPERATING  
Exhibit #8

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
San Miguel	MAM	PLC	4/4/2017	15	pMAM1709451021		Pend	XTO ENERGY, INC	Cherylene Watson; Senior	30-045-10759	
San Juan	MAM	PLC	4/4/2017	15	pMAM1709450740		Pend	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-25252	
San Juan	MAM	PLC	3/30/2017	20	pKSC1708948025		Pend	XTO ENERGY, INC	Cherylene L. Weston che	30-045-09569	Well Gem #1; API 30-045-29515
Eddy	MAM	DHC	3/30/2017	20	pMAM1708959225		Pend	CIMAREX ENERGY CO. OF CO		30-015-32672	
Eddy	MAM	DHC	3/30/2017	20	pMAM1708956202		Pend	CIMAREX ENERGY CO. OF CO		30-015-33457	
Eddy	MAM	DHC	3/30/2017	20	pMAM1708939214		Pend	CIMAREX ENERGY CO. OF CO	Terri Stathem; Regulatory	30-015-36571	
Eddy	MAM	CTB	3/30/2017	20	pKSC1709032521		Pend	COG OPERATING LLC	Kanicia Castillo kcastil	30-015-39781	Well Pinto 36 State Com #1H; API 30-015-39781
Eddy	MAM	DHC	3/29/2017	21	pMAM1708852227		Pend	RKI EXPLORATION & PRODUCT		30-015-42019	
Eddy	MAM	CTB	3/29/2017	16	pMAM1708847579	4/14/2017	Susp	MATADOR PRODUCTION COMPANY	Jordan Kessler; Attorney	30-015-44058	Protested Thomas R. Hagerman, et. Al.
Eddy	MAM	CTB	3/29/2017	16	pMAM1708847351	4/14/2017	Susp	MATADOR PRODUCTION COMPANY	Jordan Kessler; Attorney	30-015-44057	Protested Thomas R. Hagerman et.al.
Lea	MAM	WFX	3/27/2017	11	pMAM1708660174	4/7/2017	Susp	SUNDOWN ENERGY LP	Ben Stone; Agent	30-025-03978	Out of compliance. Four inactive wells, only two allowed
Eddy	MAM	PLC	3/27/2017	0	pKSC1708640965	3/27/2017	Canc	DEVON ENERGY PRODUCTION C	Erin Workman Erin.workm	30-015-42126	Well Cotton Draw 10 Fed Com #1H; API 30-015-39229
Lea	MAM	SWD	3/22/2017	0	pMAM1708159866	3/22/2017	Susp	OCCIDENTAL PERMIAN LTD	April Hood; Regulatory sp	30-025-43703	Hobbs GuzzlerSWD#1; 15-day clock starts 3-31-2017
Lea	LEL	NSL	3/21/2017	24	pMAM1708059942	4/14/2017	Canc	STEWART ENERGY II, LLC	Melanie Wilson; Agent	30-025-43592	Cancelled insufficient notice
Eddy	LEL	NSL	3/17/2017	33	pKSC1707658219		Pend	OXY USA INC	David Stewart david_ste	30-015-41343	Pending 20 day period Well Patton 18 Federal #8H; API 30-015-41343
Eddy	MAM	SWD	3/17/2017	33	pMAM1710151386		Pend	EOG Y RESOURCES, INC.	Brice Letcher; Engineer	30-015-29123	



County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Eddy	LEL	NSL	3/17/2017	33	pKSC1707657890		Pend	OXY USA INC	David Stewart david_ste	pKSC1707657890	Pending 20 day period Well Patton MDP1 18 Federal #3H; API 30-015-
Eddy	LEL	NSL	3/17/2017	33	pKSC1707657485		Pend	OXY USA INC	David Stewart david_stew	pKSC1707657485	20 day PN Pending, 03.17.2017 Well Patton Draw MDP1 18 Federal #2H; API 30-015-PENDING
Eddy	MAM	NSL	3/13/2017	37	pKSC1707339736		Pend	APACHE CORP	Brian Wood Brian@permit	30-015-44040	Pending 20 day period Well: Palmillo 14-15 State 301H; API # 30-015-44040
Lea	LEL	NSL	3/13/2017	37	pKSC1707341969		Pend	CHEVRON U S A INC	Jordan L. Kessler jlkes	30-025-43594	Pending 20 day period Well SD WE Fed P12 #2H; API # 30-025-43594
Eddy	MAM	SWD	3/13/2017	4	pMAM1707530767	3/17/2017	Canc	ROCKCLIFF OPERATING NEW M	Brian Wood; Agent	30-015-22320	Discrepancies between application and subsequent drawing and well file. Concerns about tubing and liner size
Lea	LEL	NSL	3/13/2017	37	pKSC1707342510		Pend	CHEVRON U S A INC	Ms. Jordan L. Kessler (E-	30-025-43641	Application in review, 04.17.17 WELL: SD WE Fed P9 #6H; API # 30-025-43641
Eddy	MAM	CTB	3/10/2017	21	pMAM1706958060	3/31/2017	Canc	CIMAREX ENERGY CO. OF CAN	Amithy Crawford; Regulator	30-015-25716	No surface commingle required, identical ownership
Lea	LEL	NSL	3/9/2017	34	pKSC1706850518	4/12/2017	Susp	COG OPERATING LLC	Debora L. Wilbourn (dwil	30-025-43697	Return receipts, valid reason for NSL Well White Falcon State Com # H; API 30-025-PENDING
San Juan	MAM	PLC	3/8/2017	8	pMAM1706756292	3/16/2017	Canc	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-25349	Identical to PLC-409
San Juan	LEL	NSL	3/7/2017	43	pKSC1706659230		Pend	BP AMERICA PRODUCTION COM	Toya Colvin (E-mail: Toya	pKSC1706659230	Application in review, 04.11.17 Well: Northeast Blanco Unit Com #; API # 30-045-35829
San Juan	LEL	NSL	3/7/2017	43	pKSC1706659392		Pend	BP AMERICA PRODUCTION COM	Toya Colvin Toya.Colvin@b	pKSC1706659392	Pending 20 day period Well: Northeast Blanco Unit 604 Com # 3H; API # 30-045-35829
Lea	LEL	NSL	3/3/2017	24	pLEL1706254143	3/27/2017	Canc	COG OPERATING LLC	Debora Wilbourn (dwilbour	pLEL1706254143	Debora W. requested to withdraw the application. WELL: Windward Federal No. 11H; API 30-025-PENDING
Lea	LEL	NSL	3/3/2017	47	pLEL1706635636		Pend	CIMAREX ENERGY CO.	Zoe Lees (zel@modrall.com	30-025-43070	M.M. requested additional information 04.03.17 WELL: Southern California 29 Fed. 29-19S-32E RB 19H; API # 30-025-43070
Lea	LEL	NSL	3/3/2017	47	pKSC1706259063		Pend	CIMAREX ENERGY CO. OF CAN	Zoe Lees	30-025-43070	Pending 20 day period Well: Southern California 29 Federal #19H
Lea	LEL	NSP	3/2/2017	48	pLEL1707558630		Pend	EOG RESOURCES INC	Jordan Kessler 505-954-72	pLEL1707558630	Application in review. WELL: Neptune 10 State Com Well No. 701H; API # 30-025-PENDING (03.16.17)

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Lea	PRG	SWD	2/28/2017	3	pMAM1705955027	3/3/2017	Canc	OWL SWD OPERATING, LLC	Ben Stone; Agent	pMAM1705955027	DinwiddieSWD#1;C-11-T26SR33E;Devonian;17500'-18800';API 30-025-pending;cancelled by Applicant
Lea	WVJ	IPI	2/28/2017	3	pMAM1705958735	3/3/2017	Canc	LEGACY RESERVES OPERATING	Brian Wood; Agent	30-025-31601	They will rerun test if needed - not denied, not approved
Eddy	PRG	SWD	2/21/2017	57	pMAM1705258615		Pend	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-25142	
Lea	MAM	PMX	2/16/2017	7	pMAM1704828815	2/23/2017	Canc	CML EXPLORATION, LLC	Jordan Owens; Area Engine	30-025-39246	This is an application to expand a project. Must create Pressure Maintenance Project at examiner hearing
Eddy	LEL	NSL	2/16/2017	48	pKSC1709554919	4/5/2017	Susp	CIMAREX ENERGY CO.	Zoe Lees zel@modrall.co	30-015-42172	20 day period pending Well Medwick 32 Federal Com; API 30-015-42172
Eddy	MAM	NSP	2/15/2017	49	pKSC1709555338	4/5/2017	Susp	CIMAREX ENERGY CO.	Zoe Lees zel@modrall.co	30-015-42172	Pending 20 day period Well Medwick 32 Federal Com #7H; API 30-015-42172
Lea	PRG	SWD	2/15/2017	63	pMAM1704655210		Pend	JUDAH SWD, LLC	Danny Holcomb; Agent	30-025-30677	
Eddy	MAM	SWD	2/15/2017	0	pMAM1704640834	2/15/2017	Canc	MESQUITE SWD, INC	Melanie Wilson; Regulator	30-015-44054	Tubing size increase. Cancelled due to concerns about tubing/liner size problems. Mesquite plan hearing about this issue
Eddy	MAM	SWD	2/13/2017	11	pMAM1704449021	2/24/2017	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1704449021	Sand Dunes SWD#1; 30-015-pending;N-Sec.5 T24SR31E;Cancelled because 5-1/2" tubing inside 7-5/8"Liner
Eddy	MAM	NSL	2/5/2017	59	pKSC1709556079	4/5/2017	Canc	CIMAREX ENERGY CO.	Zoe Lees zel@modrall.co	30-015-42173	NO NSL required within 330' of project area Well Medwick 32 Federal Com #8H; API 30-015-42173
Chaves	MAM	SWD	2/1/2017	0	pMAM1703255824	2/1/2017	Canc	JALAPENO CORPORATION	H. Emmons Yates III; Vice	30-005-64153	Injection into hydrocarbon strata within AOR
Lea	PRG	SWD	1/30/2017	2	pMAM1703059268	2/1/2017	Susp	XOG OPERATING LLC	Amy Crawford; Production	30-025-34664	Protested by Chevron USA Inc. and surface owner (legal: Maddox, Holloman & Moran)
Eddy	MAM	CTB	1/27/2017	19	pMAM1702745806	2/15/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-025-41851	Cancelled applicant did not supply required information based on Hearing R-14299
Eddy	PRG	SWD	1/25/2017	13	pMAM1702552135	2/7/2017	Susp	RKI EXPLORATION & PRODUCTION	Ashlee Fehino; Regulator	30-015-42463	Protested by Chevron
Eddy	MAM	CTB	1/17/2017	0	pMAM1701747611	1/17/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-015-42362	Application was premature - Case 15540 was pending

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Eddy	MAM	SWD	1/9/2017	22	pMAM1701032155	1/31/2017	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice-Presi	pMAM1701032155	Lot 2 Sec. 32 T26S R29E; Catfish SWD#1; 30-015-pending. Cancelled by applicant May resubmit application in the future
Lea	PRG	SWD	12/12/2016	128	pMAM1634939548		Pend	TARGA MIDSTREAM SERVICES	Alberto Gutierrez, Agent	pMAM1634939548	Targa Monument AGI#3;30-025-pending; Sec.36 T19 R36E; Pool AGI;Devonian
Eddy	LEL	NSL	11/18/2016	0	pSD1631548268	11/18/2016	Canc	OXY USA INC	David Stewart - Oxy	pSD1631548268	Corral Fly 35-26 Federal Com No. 22H
Eddy	MAM	NSL	11/18/2016	30	pMAM1632343064	12/18/2016	Susp	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-41309	See hearing docket Yardbirds 34 W2NC Fee Well No. 1H 30-015-41309
Eddy	MAM	NSL	11/18/2016	30	pMAM1632336511	12/18/2016	Canc	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-43464	See R-14240 and NSL-7435 Timed out, See Hearing Docket 30-015-43464 Yardbirds 34 W2OB Fee #1H
Eddy	MAM	NSL	11/16/2016	16	pMAM1632157462	12/2/2016	Canc	CAZA OPERATING, LLC	Scott Hall; Attorney	30-015-43898	No NSL required because within 50' of projected path
Eddy	MAM	SWD	11/7/2016	21	pMAM1631260141	11/28/2016	Canc	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-22601	Applicant agreed to submit revised SWD application
Eddy	PRG	SWD	10/31/2016	3	pPRG1630829712	11/3/2016	Canc	DELAWARE ENERGY, LLC		pPRG1630829712	Enciso Fed. SWD #1; D-35-21S-27E; 1095 FNL/2090 FEL Protested by Finley; application not complete.
San Juan	PRG	PMX	10/24/2016	0	pMAM1630556943	10/24/2016	Susp	ROBERT L BAYLESS	John Thomas; Production a	30-045-35300	Proposed Casing Head Gas Reinjection - no way to gather gas Also see pending hearing Case 15622 for this Unit and Gas Injection
Eddy	PRG	SWD	10/24/2016	2	pMAM1630053276	10/26/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	pMAM1630053276	RuizSWD#1;suspended;/; no Aff.pub;no return receipt;no wellbore diagram
Eddy	LEL	NSP	10/14/2016	31	pKSC1629257169	11/14/2016	Susp	CIMAREX ENERGY CO. OF COL	Jennifer L. Bradfute (505	30-015-43847	Application in review... suspended based on time WELL: Crescent Hale 10 Federal Com 4H; API # 30-015-43847
Eddy	MAM	SWD	10/3/2016	37	pMAM1627852869	11/9/2016	Canc	SOLARIS WATER MIDSTREAM,	Brian Wood; Agent	30-015-42813	Original Operator cancelled existing permit. New applicant must submit new application
Lea	MAM	CTB	9/30/2016	27	pMAM1627451309	10/27/2016	Canc	MATADOR PRODUCTION COMPANY	Sherri Gore; Regulatory t	30-025-42352	Cancelled; Operator resubmitted application with preliminary correct notice
Lea	PRG	SWD	9/26/2016	32	pMAM1627054773	10/28/2016	Canc	STEARNS	Danny Holcomb; agent	30-025-34070	Application cancelled; Improper notice
Lea	PRG	SWD	9/15/2016	216	pMAM1626333518		Pend	LYNX PETROLEUM CONSULTANT	Larry R. Scott; President	30-025-37943	

MAM = Michael McMillan, PRG = Philip Goetze, LEL = Leonard Lowe, WVJ = Will Jones



County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	PRG	SWD	5/20/2016	225	pMAM1614549758	12/31/2016	Canc	SIANA OPERATING LLC	Josh Goates; Engineer	30-025-24003	Suspended May 24, 2016 waiting on compliance order case; application incomplete. Application cancelled for non-response to deficiencies.

# Administrative Applications Not Approved (see OCD Online for approved permits)

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Suspended = waiting on factors outside the OCD, see comments.  
Canceled = timed out, denied or withdrawn, see comments.

APPLICATION TYPES  
CTB, PLC, PC = Surface Commingling  
OLM = Off Lease Measurement  
NSL = Non Standard Location  
SD = Simultaneous Dedication  
NSP = Non Standard Proration Unit  
SWD = Salt Water Disposal  
IPI = Injection Pressure Increase  
WFX, PMX = Waterflood/Pressure Maintenance Expansion

Tuesday, May 16, 2017, 2:50:03 PM

All Pending Applications and  
All Suspended/Canceled within past 180 days  
Sorted by Received Date

OCD Case No. 15855  
ALPHA SMD OPERATING  
Exhibit #9

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Eddy	MAM	CTB	5/11/2017	5	pKSC1713236351		Pend	MCELVAIN ENERGY, INC	Tony Cooper TonyC@McElv	30-025-43687	
Eddy	MAM	CTB	4/27/2017	19	pMAM1711750692		Pend	MATADOR PRODUCTION COMPAN	Jordan Kessler; Attorney	30-015-43463	
Eddy	MAM	CTB	4/26/2017	20	pKSC1711639950		Pend	DEVON ENERGY PRODUCTION C	Chance Bland Chance.blan	30-015-42091	Well Cotton Draw 14 Fed Com #1H; API # 30-015-42091
Eddy	MAM	CTB	3/29/2017	16	pMAM1708847351	4/14/2017	Susp	MATADOR PRODUCTION COMPAN	Jordan Kessler; Attorney	30-015-44057	Protested Thomas R. Hagerman et.al. May 25, 2017 hearing
Eddy	MAM	CTB	3/29/2017	16	pMAM1708847579	4/14/2017	Susp	MATADOR PRODUCTION COMPAN	Jordan Kessler; Attorney	30-015-44058	Protested Thomas R. Hagerman, et. Al. May 25, 2017 hearing
Eddy	MAM	CTB	3/10/2017	21	pMAM1706958060	3/31/2017	Canc	CIMAREX ENERGY CO. OF COI	Amithy Crawford; Regulato	30-015-25716	No surface commingle required, identidcal ownership
Eddy	MAM	CTB	1/27/2017	19	pMAM1702745806	2/15/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-025-36593	Cancelled applicant did not supply required information based on Hearing R-14299
Eddy	MAM	CTB	1/17/2017	0	pMAM1701747611	1/17/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-015-40250	Application was premature - Case 15540 was pending
Rio Arriba	MAM	DHC	4/26/2017	20	pKSC1711639225		Pend	BP AMERICA PRODUCTION COM	Toya Colvin Toya.Colvin@	30-039-24163	Well Northeast Blanco Unit #304; API # 30-039-24163
Eddy	PRG	IPI	5/11/2017	5	pMAM1713255697		Pend	LIME ROCK RESOURCES II-A,	Mike Pippin; Agent	30-015-26404	
Lea	WVJ	IPI	2/28/2017	3	pMAM1705958735	3/3/2017	Canc	LEGACY RESERVES OPERATING	Brian Wood; Agent	30-025-31601	They will rerun test if needed - not denied, not approved
Lea	LEL	NSL	5/12/2017	4	pKSC1713550506	5/16/2017	Susp	COG OPERATING LLC	Robyn Fussell (Rrussel@co	30-015-44149	Application incomplete, requested additional info 05.16.17, pending. Well Burch Keely Unit #964H; API 30-015-44149
Eddy	LEL	NSL	5/12/2017	4	pKSC1713542979		Pend	OXY USA INC	Sarah Mitchel sarah_mit	pKSC1713542979	Pending 20 day period Well Patton MDP1 17 Federal #2H; API 30-015

MAM = Michael McMillan, PRG = Philip Goetze, LEL = Leonard Lowe, WVJ = Will Jones

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Lea	LEL	NSL	5/12/2017	4	pKSC1713548452		Pend	OXY USA INC	Sarah Mitchell sara_mit	pKSC1713548452	Pending 20 day period Well Patton MDP1 17 Federal #5H; API 30-015
Lea	LEL	NSL	5/12/2017	4	pKSC1713548678		Pend	EOG RESOURCES INC	Jordan Kessler jlkessle	pKSC1713548678	Pending 20 PN period Well Antietam 9 Fed Com #704H; API # 30-025-PENDING
Lea	LEL	NSL	5/10/2017	6	pLEL1713052361		Pend	MEWBOURNE OIL CO	Tyler Jolly (432) 682-371	pLEL1713052361	20 PN Pending, 05/10/2017 WELL: Salado Draw 10 WOPA Federal Com No. 3H; API 30-025-PENDING
Lea	LEL	NSL	5/10/2017	6	pLEL1713051828		Pend	MEWBOURNE OIL CO	Tyler Jolly (432) 682-371	pLEL1713051828	20 day PN pending. WELL: Salado Draw 10 W1PA Fed Com No. 2H; API 30-025-PENDING
Lea	LEL	NSL	5/10/2017	0	pLEL1713054808	5/10/2017	Susp	EOG RESOURCES INC	Jordan Kessler 505- 988-44	pLEL1713054808	20 day PN pending. Sent Jordan an e-mail on lacking C-102. WELL: Hound 30 Fed. No. 702H; API # 30-025-PENDING.
Eddy	LEL	NSL	5/8/2017	0	pLEL1712855246	5/8/2017	Susp	COG OPERATING LLC	Robyn Russell (432) 685-4	30-015-44128	Application SUSPENDED. Sent e-mail 05.08.17 WELL: Dodd Federal Unit no. 917H; API # 30-015- 44128
Eddy	LEL	NSL	5/8/2017	0	pLEL1712855711	5/8/2017	Susp	COG OPERATING LLC	Robyn Russell (432) 685-4	30-015-44101	Application SUSPENDED. Sent e-mail 05.08.17 WELL: Burch Keely Unit No. 962H; API # 30-015- 44101
Eddy	LEL	NSL	5/1/2017	15	pKSC1712240484		Pend	DEVON ENERGY PRODUCTION C	James Bruce (jamesbruce@a	30-015-44116	Pending 20 day period WELL: Agate PWU 21-22 #9H; API # 30-015-44116
Lea	LEL	NSL	5/1/2017	15	pKSC1712241253		Pend	OXY USA INC	David Stewart (david_ste	pKSC1712241253	Pending 20 day period, 05.01.17 Well Palladium MDPI 7-6 Federal Com #2H; API # 30-015-PENDING
Lea	LEL	NSL	5/1/2017	15	pKSC1712240807		Pend	OXY USA INC	David Stewart david_stew	pKSC1712240807	Pending 20 day period Well Palladium MDPI 7-6 Federal Com #5H; API # 30-015-PENDING
Rio Arriba	LEL	NSL	4/21/2017	25	pLEL1711141588		Pend	LOGOS OPERATING, LLC	Christopher Jeffus (505-3	30-039-31231	20 day PN pending, 04.21.2017 WELL: Escrito D14- 2407 Com Well No. 1H; API 30-039-PENDING
Eddy	MAM	NSL	4/5/2017	41	pKSC1709558173		Pend	CIMAREX ENERGY CO. OF CO	Jennifer L. Bradfute (jlb	30-015-39891	WELL: Irwin 23-14 Federal #1; API 30-015-39891
Lea	LEL	NSL	3/21/2017	24	pMAM1708059942	4/14/2017	Canc	STEWARD ENERGY II, LLC	Melanie Wilson; Agent	30-025-43592	Cancelled insufficient notice
San Juan	LEL	NSL	3/7/2017	70	pKSC1706659392		Pend	BP AMERICA PRODUCTION COM	Toya Colvin (Toya.Colvin@	pKSC1706659392	Pending 20 day period WELL: Northeast Blanco Unit 604 Com # 3H; API # 30-045-35829
Lea	LEL	NSL	3/3/2017	24	pLEL1706254143	3/27/2017	Canc	COG OPERATING LLC	Debora Wilbourn (dwilbour	pLEL1706254143	Debora W. requested to with draw the application. WELL: Windward Federal No. 11H; API 30-025- PENDING

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	LEL	NSL	3/3/2017	74	pLEL1706635636		Pend	CIMAREX ENERGY CO.	Zoe Lees (zel@modrall.com)	30-025-43070	M.M. requested additional information 04.03.17 WELL: Southern California 29 Fed. 29-19S-32E RB 19H; API # 30-025-43070
Lea	LEL	NSL	3/3/2017	74	pKSC1706259063		Pend	CIMAREX ENERGY CO. OF CAN	Zoe Lees (505-848-1859)	30-025-43070	Pending 20 day period WELL: Southern California 29 Federal #19H
Lea	LEL	NSL	3/1/2017	75	pKSC1713158935	5/15/2017	Susp	COG OPERATING LLC	Debora L Wilbourn dwilb	30-025-43068	Application in review. Suspended 05/15/2017 additional information requested. Well Smalls Federal #7H; API # 30-025-43068
Eddy	MAM	NSL	2/5/2017	59	pKSC1709556079	4/5/2017	Canc	CIMAREX ENERGY CO.	Zoe Lees (zel@modrall.co)	30-015-42173	NO NSL required within 330' of project area WELL: Medwick 32 Federal Com #8H; API # 30-015-42173
Eddy	LEL	NSL	11/18/2016	0	pSD1631548268	11/18/2016	Canc	OXY USA INC	David Stewart - Oxy	pSD1631548268	Corral Fly 35-26 Federal Com No. 22H
Eddy	MAM	NSL	11/18/2016	30	pMAM1632343064	12/18/2016	Susp	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-41309	See hearing docket Yardbirds 34 W2NC Fee Well No. 1H 30-015-41309
Eddy	MAM	NSL	11/18/2016	30	pMAM1632336511	12/18/2016	Canc	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-43464	See R-14240 and NSL-7435 Timed out, See Hearing Docket 30-015-43464 Yardbirds 34 W2OB Fee #1H
Eddy	MAM	NSL	11/16/2016	16	pMAM1632157462	12/2/2016	Canc	CAZA OPERATING, LLC	Scott Hall; Attorney	30-015-43898	No NSL required because within 50' of projected path
Eddy	MAM	NSP	4/25/2017	21	pMAM1711631185		Pend	COG PRODUCTION, LLC	Deborah Wilbourn; Regulat	30-015-44118	
Eddy	LEL	NSP	4/11/2017	23	pMAM1710958453	5/4/2017	Susp	RKI EXPLORATION & PRODUCT	Jordan Kessler 505-954-72	30-015-42290	Application in work, 05.12.17. Suspended further inquiry sought WELL: North Bushy Draw Federal Com 35 No. 4H & 5H_ API 30-015-42290 (& -42291)
Lea	LEL	NSP	3/2/2017	75	pLEL1707558630		Pend	EOG RESOURCES INC	Jordan Kessler 505-954-72	pLEL1707558630	Application in review. WELL: Neptune 10 State Com Well No. 701H; API # 30-025-PENDING (03.16.17)
Lea	MAM	PLC	4/26/2017	20	pKSC1711647610		Pend	FASKEN OIL & RANCH LTD	Addison Long addisonl@f	30-025-39121	ammend CTB 598 Well Ling Federal 3, 4, 5 and 6; API #30-025-38608, 38748, 39121, 39122
Eddy	MAM	PLC	3/27/2017	0	pKSC1708640965	3/27/2017	Canc	DEVON ENERGY PRODUCTION C	Erin Workman Erin.workm	30-015-39229	Well Cotton Draw 10 Fed Com #1H; API 30-015-39229
San Juan	MAM	PLC	3/8/2017	8	pMAM1706756292	3/16/2017	Canc	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-25349	Identical to PLC-409

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	MAM	PMX	2/16/2017	7	pMAM1704828815	2/23/2017	Canc	CML EXPLORATION, LLC	Jordan Owens; Area Engine	30-025-39246	This is an application to expand a project. Must create Pressure Maintenance Project at examiner hearing
Eddy	PRG	SWD	5/12/2017	0	pMAM1713256483	5/12/2017	Susp	COG OPERATING LLC	Kanicia Castillo; Lead Re	pMAM1713256483	Need return receipts affected parties, surface owner
Lea	PRG	SWD	5/12/2017	4	pMAM1713256939		Pend	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1713256939	Deep Purple SWD#1; 4-30-T22S R32E; 30-025-pending
Eddy	MAM	SWD	5/12/2017	0	pMAM1713255815	5/12/2017	Susp	OWL SWD OPERATING, LLC	Steve Pattee; Engineer	pMAM1713255815	Scrute Farms SWD#1; M-4 T26SR28E; No return receipts affected parties, affidavit of publication, not clear of surface owner
Lea	PRG	SWD	5/8/2017	0	pMAM1712856748	5/8/2017	Susp	OWL SWD OPERATING, LLC	Stephen Pattee, Engineer	pMAM1712856748	Suspended return receipts for affected parties
Eddy	MAM	SWD	5/8/2017	0	pMAM1712835977	5/8/2017	Susp	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-26368	Protested Chevron
Lea	MAM	SWD	5/5/2017	0	pMAM1712534121	5/5/2017	Canc	PERMIAN TDS, LLC	Eddie Seay; Agent	30-025-32750	well bore diagram does not match well file
Lea	PRG	SWD	5/1/2017	15	pMAM1712152783		Pend	OWL SWD OPERATING, LLC	Steve Pattee; Agent	pMAM1712152783	
Lea	PRG	SWD	5/1/2017	2	pMAM1712229015	5/3/2017	Susp	BTA OIL PRODUCERS, LLC	Kay McConnell; Regulatory	30-025-34628	Protested Devon Energy Corporation
Lea	PRG	SWD	5/1/2017	0	pMAM1712152379	5/1/2017	Susp	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1712152379	Red Hills SWD Well No. 1; 30-025-pending; E5/26S/25E; suspended 05/01/2017 pending hearing about tubing/liner Waiting on Information
Eddy	PRG	SWD	4/26/2017	0	pMAM1711646237	4/26/2017	Susp	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-34001	Need return receipts, verification of surface owner
Lea	MAM	SWD	4/26/2017	1	pKSC1711658014	4/27/2017	Canc	COBALT OPERATING, LLC	Mark Burkett mark@cobal	30-025-21230	Out of 5.9.compliance. Wellbore diagram problems Well State A #001; API 30-025-21230
Eddy	MAM	SWD	4/17/2017	0	pMAM1710749639	4/17/2017	Canc	TACTICAL OIL & GAS, LLC	Brian Wood; Agent	30-015-25003	
Eddy	MAM	SWD	4/17/2017	0	pMAM1710746033	4/17/2017	Susp	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-23339	Protested Chevron
Eddy	MAM	SWD	4/17/2017	0	pMAM1710744638	4/17/2017	Susp	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-22931	Protested Chevron USA

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	MAM	SWD	4/6/2017	15	pMAM1709735973	4/21/2017	Susp	STEARNS	Danny Holcomb; Agent	30-025-23833	15-day clock starts 05/01/2017
Eddy	MAM	SWD	3/13/2017	4	pMAM1707530767	3/17/2017	Canc	ROCKCLIFF OPERATING NEW M	Brian Wood; Agent	30-015-22320	Discrepancies between application and subsequent drawing and well file. Concerns about tubing and liner size
Lea	PRG	SWD	2/28/2017	3	pMAM1705955027	3/3/2017	Canc	OWL SWD OPERATING, LLC	Ben Stone; Agent	pMAM1705955027	DinwiddieSWD#1;C-11-T26SR33E;Devonian;17500'-18800';API 30-025-pending;cancelled by Applicant
Eddy	PRG	SWD	2/21/2017	28	pMAM1705258615	3/21/2017	Susp	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-25142	Not allowed to exceed 30 days Suspended until issues resolved
Lea	PRG	SWD	2/15/2017	28	pMAM1704655210	3/15/2017	Susp	JUDAH SWD, LLC	Danny Holcomb; Agent	30-025-30677	Not allowed to exceed 30 days Suspended until issues resolved
Eddy	MAM	SWD	2/15/2017	0	pMAM1704640834	2/15/2017	Canc	MESQUITE SWD, INC	Melanie Wilson; Regulator	30-015-44054	Tubing size increase. Cancelled due to concerns about tubing/liner size problems. Mesquite plan hearing about this issue
Eddy	MAM	SWD	2/13/2017	11	pMAM1704449021	2/24/2017	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1704449021	Sand Dunes SWD#1; 30-015-pending;N-Sec.5 T24SR31E;Cancelled because 5-1/2" tubing inside 7-5/8"Liner
Chaves	MAM	SWD	2/1/2017	0	pMAM1703255824	2/1/2017	Canc	JALAPENO CORPORATION	H. Emmons Yates III; Vice	30-005-64153	Injection into hydrocarbon strata within AOR
Lea	PRG	SWD	1/30/2017	2	pMAM1703059268	2/1/2017	Susp	XOG OPERATING LLC	Amy Crawford; Production	30-025-34664	Protested by Chevron USA Inc. and surface owner (legal: Maddox, Holloman & Moran)
Eddy	PRG	SWD	1/25/2017	13	pMAM1702552135	2/7/2017	Susp	RKI EXPLORATION & PRODUCTION	Ashlee Fechino; Regulator	30-015-42463	Protested by Chevron
Eddy	MAM	SWD	1/9/2017	22	pMAM1701032155	1/31/2017	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice-Presi	pMAM1701032155	Lot 2 Sec. 32 T26S R29E; Catfish SWD#1; 30-015-pending. Cancelled by applicant May resubmit application in the future
Lea	PRG	SWD	12/12/2016	8	pPRG1711440875	12/20/2016	Susp	TARGA MIDSTREAM SERVICES	Alberto Gutierrez, Geolex	pPRG1711440875	Third AGI well; backup for Monument AGI No. 2; 905' FSL/2362' FEL/ UL O, Sec 36, T19S, R36E See SWD order [includes specific requirements for AGI wells]
Eddy	MAM	SWD	11/7/2016	21	pMAM1631260141	11/28/2016	Canc	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-22601	Applicant agreed to submit revised SWD application
Lea	MAM	WFX	5/3/2017	13	pMAM1712350614		Pend	APACHE CORP	Brian Wood; Agent	30-025-43528	
Lea	MAM	WFX	3/27/2017	11	pMAM1708660174	4/7/2017	Susp	SUNDOWN ENERGY LP	Ben Stone; Agent	30-025-03978	Out of compliance. Four inactive wells, only two allowed

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
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# Administrative Applications Not Approved (see OCD Online for approved permits)

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## APPLICATION TYPES

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OLM = Off Lease Measurement  
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NSP = Non Standard Proration Unit  
SWD = Salt Water Disposal  
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WFX, PMX = Waterflood/Pressure Maintenance Expansion

Friday, July 14, 2017 4:37:17 PM

All Pending Applications and  
All Suspended/Canceled within past 180 days  
Sorted by App Type then Received Date

OCD Case No. 15855  
ALPHA SWD OPERATING  
Exhibit #10

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Eddy	MAM	CTB	3/10/2017	21	pMAM1706958060	3/31/2017	Canc	CIMAREX ENERGY CO. OF COI	Amithy Crawford; Regulator	30-015-25716	No surface commingle required, identical ownership
Eddy	MAM	CTB	1/27/2017	19	pMAM1702745806	2/15/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-025-36593	Cancelled applicant did not supply required information based on Hearing R-14299
Eddy	MAM	CTB	1/17/2017	0	pMAM1701747611	1/17/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-015-40250	Application was premature - Case 15540 was pending
Rio Arriba	MAM	DHC	4/26/2017	21	pKSC1711639225	5/17/2017	Canc	BP AMERICA PRODUCTION CO	Toya Colvin Toya.Colvin@	30-039-24163	Insufficient supporting data.
Lea	WVJ	IPI	6/22/2017	22	pKSC1717357161		Pend	BC OPERATING, INC.	Nicolas Klopp nklopp@gm	30-025-41073	Well Berry SWD #1; API 30-025-41703
Eddy	PRG	IPI	5/11/2017	64	pMAM1713255697		Pend	LIME ROCK RESOURCES II-A,	Mike Pippin; Agent	30-015-26404	
Lea	WVJ	IPI	2/28/2017	3	pMAM1705958735	3/3/2017	Canc	LEGACY RESERVES OPERATING	Brian Wood; Agent	30-025-31601	They will rerun test if needed - not denied, not approved
Eddy	LEL	NSL	7/13/2017	1	pKSC1719538570		Pend	OXY USA INC	Sarah Mitchell sarah_mi	pKSC1719538570	Pending 20 day period Well Patton MDP1 18 Federal #33H; API 30-015-pending
Eddy	LEL	NSL	7/6/2017	8	pLEL1718763202		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	30-015-44271	20 day PN Pending. WELL: Carmen 3 Federal Com No. 91H; API # 30-015-44271
Eddy	LEL	NSL	7/6/2017	8	pLEL1718763673		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	30-015-43999	20 day PN pending, 07/06/2017 WELL: Bone Yard 11 Fee Well No. 16H; API # 30-015-43999
Lea	LEL	NSL	7/3/2017	11	pLEL1718457695		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	30-025-43743	20 day PN pending, 07/03/2017
Eddy	MAM	NSL	6/30/2017	14	pKSC1718155773		Pend	CIMAREX ENERGY CO.	Jennifer Bradfute JLB@m	30-015-42168	Well Hornsby 35 Federal Com #7H; API 30-015-42168
Eddy	LEL	NSL	6/30/2017	14	pKSC1719235890		Pend	OXY USA INC	Sarah Mitchell sarah_mi	pKSC1719235890	Pending 20 day period Well Sunrise MDP1 8/5 Federal #5H; API 30-015-pending



County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Eddy	LEL	NSL	6/30/2017	14	pKSC1719235552		Pend	OXY USA INC	Sarah Mitchell sara_mlt	pKSC1719235552	Pending 20 day period Well Sunrise MDP1 8-5 Federal #2H; API 30-015-pending
Sandoval	LEL	NSL	6/29/2017	15	pKSC1718055767		Pend	WPX ENERGY PRODUCTION, LL	Thomas E. Black, JR. (Tom	30-043-21308	Application in review, 07/13/2017 Well: State 2207-360 #193H; API # 30-043-21308
Lea	MAM	NSL	3/21/2017	62	pMAM1708059942	5/22/2017	Canc	STEWART ENERGY II, LLC	Melanie Wilson; Agent	30-025-43592	Cancelled by Applicant
Lea	LEL	NSL	3/3/2017	24	pLEL1706254143	3/27/2017	Canc	COG OPERATING LLC	Debora Wilbourn (dwilbourn	pLEL1706254143	Debora W. requested to withdraw the application. WELL: Windward Federal No. 11H; API 30-025-PENDING
Lea	LEL	NSL	3/3/2017	133	pKSC1706259063		Pend	CIMAREX ENERGY CO. OF CO	Zoe Lees (505-848-1859)	30-025-43070	Pending 20 day period WELL: Southern California 29 Federal #19H
Eddy	MAM	NSL	2/5/2017	59	pKSC1709556079	4/5/2017	Canc	CIMAREX ENERGY CO.	Zoe Lees (zel@modrall.co	30-015-42173	NO NSL required within 330' of project area WELL: Medwick 32 Federal Com #8H; API # 30-015-42173
Eddy	MAM	NSP	6/30/2017	14	pKSC1718156122		Pend	CIMAREX ENERGY CO.	Jennifer Bradfute JLB@m	30-015-42168	Well Hornsby 35 Federal Com. #7H; API 30-015-42168
Eddy	LEL	NSP	6/19/2017	25	pLEL1717062330		Pend	RKI EXPLORATION & PRODUCT	Jordan Kessler 505-954-72	pLEL1717062330	Application in review, 07/13/2017 SEC. 35, TWN 25 S, RNG 29 E
Eddy	LEL	NSP	6/5/2017	39	pKSC1715653894		Pend	CAZA OPERATING, LLC	James Bruce (jamesbruce@a	30-015-44063	07/13/2017, Application in FINAL review. WELL: 7H, 8H, 9H; NW/4 Sec. 22
Eddy	LEL	NSP	6/5/2017	39	pLEL1719133916		Pend	CAZA OPERATING, LLC	Jim Bruce (jamesbruc@aol.	30-015-43720	Application in FINAL review, 07/13/2017. WELL: Forehand Ranch 22 State No. 6H; Purple Sage: SEC 22 23 S 27E
Eddy	LEL	NSP	4/11/2017	55	pMAM1710958453	6/5/2017	Canc	RKI EXPLORATION & PRODUCT	Jordan Kessler 505-954-72	30-015-42290	Not NSP, information placed in well file WELL: North Bushy Draw Federal Com 35 No. 4H & 5H_ API 30-015-42290 (& -42291)
Lea	LEL	NSP	3/2/2017	134	pLEL1707558630		Pend	EOG RESOURCES INC	Jordan Kessler 505-954-72	pLEL1707558630	Application in review. WELL: Neptune 10 State Com Well No. 701H; API # 30-025-PENDING (03.16.17)
Lea	MAM	PLC	7/11/2017	3	pMAM1719229494		Pend	OXY USA WTP LIMITED PARTN	Sandra Musallam: regulato	30-025-36299	
San Juan	MAM	PLC	7/7/2017	7	pMAM1718845574		Pend	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-30144	
Lea	MAM	PLC	6/30/2017	14	pMAM1718657597		Pend	CHEVRON U S A INC	Denise Pinkerton; Regulat	30-025-43270	

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Lea	MAM	PLC	6/12/2017	1	pMAM1716356325	6/13/2017	Canc	CHEVRON U S A INC	Cindy Herrera-Murillo; Pe	30-025-34080	Incorrect administrative application checklist, no production, E-permitting production for Tubb pool is inactive
Eddy	MAM	PLC	3/27/2017	0	pKSC1708640965	3/27/2017	Canc	DEVON ENERGY PRODUCTION C	Erin Workman Erin.workm	30-015-39229	Well Cotton Draw 10 Fed Com #1H; API 30-015-39229
San Juan	MAM	PLC	3/8/2017	8	pMAM1706756292	3/16/2017	Canc	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-25349	Identical to PLC-409
Lea	MAM	PMX	2/16/2017	7	pMAM1704828815	2/23/2017	Canc	CML EXPLORATION, LLC	Jordan Owens; Area Engine	30-025-39246	This is an application to expand a project. Must create Pressure Maintenance Project at examiner hearing
Lea	PRG	SWD	7/6/2017	0	pMAM1718757682	7/6/2017	Susp	SOLARIS WATER MIDSTREAM,	Ben Stone; Agent	pMAM1718757682	Need affidavit of publication
Eddy	PRG	SWD	7/5/2017	9	pMAM1718746761		Pend	JUDAH OIL LLC	Danny Holcomb; Agent	pMAM1718746761	Ross Draw Fed#1; N- T26S R30E;Dev 16000'-174000' Ross Draw Fed#1; N- T26S R30E;Dev 16000'-174000'
Eddy	MAM	SWD	7/3/2017	10	pKSC1718735697	7/13/2017	Susp	DELAWARE ENERGY, LLC	Mike McCurdy mmccurdy@d	pKSC1718735697	RUIZ SWD #1 RUIZ SWD #1; API 30-015-; Protested Alpha SWD Operating LLC Well RUIZ SWD #1; API 30-015-; Protested Alpha SWD Operating LLC
Lea	MAM	SWD	7/3/2017	3	pMAM1718754184	7/6/2017	Susp	CIMAREX ENERGY CO. OF CO	Amithy Crawford; Regulator	30-025-33633	NMSLO requests injection from 5338'-7425' NMSLO requests injection from 5338'-7425'
Eddy	MAM	SWD	7/3/2017	9	pKSC1718727107	7/12/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood brian@permit	30-015-22320	Protested Kaiser-Francis Cancelled-injection into known producing formation
Lea	MAM	SWD	6/29/2017	15	pMAM1718146953		Pend	JUDAH OIL LLC	Danny Holcomb; Agent	30-025-37160	Protested Mewbourne Oil Company
Eddy	MAM	SWD	6/28/2017	0	pKSC1717933012	6/28/2017	Susp	OWL SWD OPERATING, LLC	Stephen L. Pattee, P.G.	pKSC1717933012	O-1-26S-26E;Protested COG Well Threat Level Midnight SWD #1; API
Eddy	PRG	SWD	6/28/2017	15	pKSC1717936409	7/13/2017	Susp	OWL SWD OPERATING, LLC	Stephen L. Pattee, P.G.	pKSC1717936409	Well Goodbye Toby SWD #1; API;15-day clock start 07/07/2017. Del+WC water sample
Lea	PRG	SWD	6/20/2017	8	pMAM1717136579	6/28/2017	Susp	SANTO OPERATING LLC	Loren Diede; Agent	pMAM1717136579	Ocotillo SWD#1; J-15-25S-34E; 30-025-pending; Suspended EOG Resources protest EOG Resources protest
Lea	MAM	SWD	6/20/2017	0	pMAM1717140969	6/20/2017	Canc	CHEROKEE DISPOSAL, LLC	Eddie Seay; Agent	30-025-21673	Sallie Anderson#1; C-25-9S-34E; Bough injection; cancelled eceipts surface owner, affected parties, and swab test of interval had oil, and pumped 8 BOPD

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Lea	MAM	SWD	6/1/2017	1	pMAM1715338760	6/2/2017	Susp	CROWNQUEST OPERATING, LLC	Ann Ritchie; Permitting t	30-025-22932	Injection zone same as producing interval within 1/2 mille AOR
Lea	MAM	SWD	5/24/2017	1	pKSC1714532510	5/25/2017	Susp	MESQUITE SWD, INC	Kay Havenor Kay.Havenor@	pKSC1714532510	Red Hills SWD #1; API 30-025-pending; H-5-265 R-33E Well Red Hills SWD #1; API 30-025-
Eddy	MAM	SWD	5/22/2017	8	pMAM1714233624	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-33783	Protested BTA,Chevron, Kaiser-Francis. Applicant withdrew application
Eddy	MAM	SWD	5/12/2017	11	pMAM1713255815	5/23/2017	Canc	OWL SWD OPERATING, LLC	Steve Pattee; Engineer	pMAM1713255815	Scrute Farms SWD#1; M-4 T26SR28E; Protested COG. Cancelled by Applicant
Lea	MAM	SWD	5/12/2017	10	pMAM1713256939	5/22/2017	Susp	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1713256939	Deep Purple SWD#1; 4-30-T22S R32E; 30-025-pending. 15-day clock start 05/22//2017
Eddy	MAM	SWD	5/8/2017	22	pMAM1712835977	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-26368	Protested Chevron. Applicant withdrew application
Lea	MAM	SWD	5/8/2017	11	pMAM1712856748	5/19/2017	Susp	OWL SWD OPERATING, LLC	Stephen Pattee, Engineer	pMAM1712856748	Brininstool SWD#4; O-26-23S R33E; Protested Kaiser-Francis
Lea	MAM	SWD	5/5/2017	0	pMAM1712534121	5/5/2017	Canc	PERMIAN TDS, LLC	Eddie Seay; Agent	30-025-32750	well bore diagram does not match well file
Lea	PRG	SWD	5/1/2017	74	pMAM1712152783		Pend	OWL SWD OPERATING, LLC	Steve Pattee; Agent	pMAM1712152783	
Lea	PRG	SWD	5/1/2017	0	pMAM1712152379	5/1/2017	Susp	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1712152379	Red Hills SWD Well No. 1;30-025-pending; ES/26S/25E;suspended 05/01/2017 pending hearing about tubing/liner Waiting on Information
Lea	MAM	SWD	5/1/2017	2	pMAM1712229015	5/3/2017	Susp	BTA OIL PRODUCERS, LLC	Kay McConnell; Regulatory	30-025-34628	Protested Devon Energy Corporation and NMSLO
Lea	MAM	SWD	4/26/2017	1	pKSC1711658014	4/27/2017	Canc	COBALT OPERATING, LLC	Mark Burkett mark@cobal	30-025-21230	Out of 5.9.commpliance. Wellbore diagram problems Well State A #001; API 30-025-21230
Eddy	MAM	SWD	4/17/2017	0	pMAM1710749639	4/17/2017	Canc	TACTICAL OIL & GAS, LLC	Brian Wood; Agent	30-015-25003	
Eddy	MAM	SWD	4/17/2017	43	pMAM1710744638	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-22931	Protested Chevron USA. Applicant withdrew application
Eddy	MAM	SWD	4/17/2017	43	pMAM1710746033	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-23339	Protested Chevron. Applicant withdrew application

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Eddy	MAM	SWD	3/13/2017	4	pMAM1707530767	3/17/2017	Canc	ROCKCLIFF OPERATING NEW M	Brian Wood; Agent	30-015-22320	Discrepancies between application and subsequent drawing and well file. Concerns about tubing and liner size
Lea	PRG	SWD	2/28/2017	3	pMAM1705955027	3/3/2017	Canc	OWL SWD OPERATING, LLC	Ben Stone; Agent	pMAM1705955027	DinwiddieSWD#1;C-11-T26SR33E;Devonian;17500'-18800';API 30-025-pending;cancelled by Applicant
Eddy	MAM	SWD	2/15/2017	0	pMAM1704640834	2/15/2017	Canc	MESQUITE SWD, INC	Melanie Wilson; Regulator	30-015-44054	Tubing size Increase. Cancelled due to concerns about tubing/liner size problems. Mesquite plan hearing about this issue
Lea	PRG	SWD	2/15/2017	28	pMAM1704655210	3/15/2017	Susp	JUDAH SWD, LLC	Danny Holcomb; Agent	30-025-30677	Not allowed to exceed 30 days Suspended until issues resolved
Eddy	MAM	SWD	2/13/2017	11	pMAM1704449021	2/24/2017	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1704449021	Sand Dunes SWD#1; 30-015-pending;N-Sec.5 T24SR31E;Cancelled because 5-1/2" tubing inside 7-5/8" Liner
Chaves	MAM	SWD	2/1/2017	0	pMAM1703255824	2/1/2017	Canc	JALAPENO CORPORATION	H. Emmons Yates III; Vice	30-005-64153	Injection into hydrocarbon strata within AOR
Lea	PRG	SWD	1/30/2017	2	pMAM1703059268	2/1/2017	Susp	XOG OPERATING LLC	Amy Crawford; Production	30-025-34664	Protested by Chevron USA Inc. and surface owner (legal: Maddox, Holloman & Moran)
Eddy	PRG	SWD	1/25/2017	13	pMAM1702552135	2/7/2017	Susp	RKI EXPLORATION & PRODUCE	Ashlee Fechino; Regulator	30-015-42463	Protested by Chevron
Eddy	MAM	SWD	1/9/2017	22	pMAM1701032155	1/31/2017	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice-Presi	pMAM1701032155	Lot 2 Sec. 32 T26S R29E; Catfish SWD#1; 30-015-pending. Cancelled by applicant May resubmit application in the future
Eddy	MAM	SWD	10/24/2016	100	pMAM1630056805	2/1/2017	Canc	DAKOTA RESOURCES INC III	Pam Morpew; Vice Preside	30-015-25006	Cancelled injection zone same interval as producing zone in AOR
Lea	PRG	SWD	12/3/2013	1315	pPRG1333754483	7/10/2017	Canc	OASIS WATER SOLUTIONS LLC	Eddie Seay, Consultant	30-025-28247	All protests withdrawn; change in ownership during C-108 review; reviewed for second time following 5.9 completion

## Administrative Applications Not Approved (see OCD Online for approved permits)

Pending = waiting on OCD review or end of notice suspense period.  
Suspended = waiting on factors outside the OCD, see comments.  
Canceled = timed out, denied or withdrawn, see comments.

APPLICATION TYPES  
CTB, PLC, PC = Surface Commingling  
OLM = Off Lease Measurement  
NSL = Non Standard Location  
SD = Simultaneous Dedication  
NSP = Non Standard Proration Unit  
SWD = Salt Water Disposal  
IPI = Injection Pressure Increase  
WFX, PMX = Waterflood/Pressure Maintenance Expansion

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All Pending Applications and  
All Suspended/Canceled within past 180 days  
Sorted by App Type then Received Date

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Lea	MAM	CTB	10/12/2017	0	pMAM1728547562	10/12/2017	Canc	COG OPERATING LLC	Kanicia Castillo; Lead Re	30-025-41490	Applicant requested metering and well testing for compulsory pooled wells
Eddy	MAM	CTB	10/10/2017	10	pMAM1728351279		Pend	COG OPERATING LLC	Amanda Avery; Regulatory	30-015-41423	
Eddy	MAM	CTB	10/6/2017	14	pMAM1727952765		Pend	CIMAREX ENERGY CO. OF COI	Terri Stathem; Regulatory	30-015-42778	
Eddy	MAM	CTB	3/10/2017	21	pMAM1706958060	3/31/2017	Canc	CIMAREX ENERGY CO. OF COI	Amithy Crawford; Regulator	30-015-25716	No surface commingle required, identical ownership
Eddy	MAM	CTB	1/27/2017	19	pMAM1702745806	2/15/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-025-41850	Cancelled applicant did not supply required information based on Hearing R-14299
Eddy	MAM	CTB	1/17/2017	0	pMAM1701747611	1/17/2017	Canc	OXY USA INC	Taylor Stillman; Producti	30-015-40250	Application was premature - Case 15540 was pending
Lea	MAM	CTB	9/30/2016	27	pMAM1627451309	10/27/2016	Canc	MATADOR PRODUCTION COMPANY	Sherri Gore; Regulatory t	30-025-42352	Cancelled; Operator resubmitted application with preliminary correct notice
Lea	MAM	CTB	9/12/2016	7	pMAM1625953438	9/19/2016	Canc	EOG RESOURCES INC	Stan Wagner; Regulatory a	30-025-43004	No administrative surface commingle application required
Eddy	MAM	CTB	3/23/2016	70	pMAM1608341258	6/1/2016	Canc	OXY USA INC	Taylor Stillman; Producti	30-015-42030	Application suspended, sent to hearing Cancelled by date timeout after 4/1/2016 suspension
Lea	MAM	CTB	3/9/2016	2	pMAM1607032859	3/11/2016	Canc	MACK ENERGY CORP	Jerry Sherrell; Productio	30-025-40180	Unable to administratively approve fixed or subtraction allocation methods for surface commingling; sent to hearing.
Lea	MAM	CTB	3/1/2016	10	pMAM1606159530	3/11/2016	Canc	MACK ENERGY CORP	Jerry Sherrell; Producti	30-025-40217	Requested surface commingle method not approvable administratively.
San Juan	MAM	DHC	8/21/2017	23	pMAM1723356800	9/13/2017	Susp	BP AMERICA PRODUCTION COMPANY	Toya Colvin; Regulatory s	30-045-21789	Force majeure-Hurricane Harvey
Rio Arriba	MAM	DHC	4/26/2017	21	pKSC1711639225	5/17/2017	Canc	BP AMERICA PRODUCTION COMPANY	Toya Colvin Toya.Colvin@	30-039-24163	Insufficient supporting data.

MAM = Michael McMillan, PRG = Philip Goetze, LEL = Leonard Lowe, WVJ = Will Jones

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	WVJ	IPI	9/11/2017	22	pWVJ1727648971	10/3/2017	Canc	RAZ OIL AND GAS L.L.C.	Danny J. Holcomb	30-025-38162	Previous PSI Limit 2698, new SRT ended even steps at 3 bpm Any new test should use even rates/times and also Bottomhole pressures
Lea	WVJ	IPI	6/22/2017	0	pKSC1717357161	6/22/2017	Canc	BC OPERATING, INC.	Nicolas Klopp nklopp@gm	30-025-41703	Lacking Salinity data required in SWD permit, Cherry Canyon Disposal Berry SWD #1, 30-025-41703 Cherry Canyon Disposal
Eddy	PRG	IPI	5/11/2017	113	pMAM1713255697	9/1/2017	Canc	LIME ROCK RESOURCES II-A,	Mike Pippin; Agent	30-015-26404	Denied administratively, email sent to Mike Pippin
Lea	WVJ	IPI	2/28/2017	3	pMAM1705958735	3/3/2017	Canc	LEGACY RESERVES OPERATING	Brian Wood; Agent	30-025-31601	They will rerun test if needed - not denied, not approved
Lea	PRG	IPI	7/11/2016	3	pMAM1619445781	7/14/2016	Canc	OWL SWD OPERATING, LLC	Ben Stone; agent	30-025-42759	SWD: Bell Canyon Cherry Canyon; perf 5400-5700: cancelled; new SRT requested
Lea	LEL	NSL	10/2/2017	18	pLEL1727642263		Pend	EOG RESOURCES INC	Jordan L. Kessler (jlkess)	30-025-43864	20 day PN Pending. WELL: Audacious BTL 19 Fed Com No. 3H; API # 30-025-43864
Lea	LEL	NSL	9/28/2017	22	pLEL1727241428		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	pLEL1727241428	20 day PN Pending. WELL: Nelson Federal Com No. 14H; API # 30-025-PENDING
Eddy	LEL	NSL	9/28/2017	22	pLEL1727232159		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	30-015-40955	20 day PN pending. AMENDMENT to previous NSL-6765 WELL: Grave Digger State Com No. 6H; API # 30-015-40955
Lea	LEL	NSL	9/28/2017	22	pLEL1727247401		Pend	COG OPERATING LLC	Robyn Russell (Rrussell@c	pLEL1727247401	20 day PN Pending WELL: Nelson Federal Com No. 24H; API # 30-025-PENDING
Lea	LEL	NSL	9/27/2017	23	pLEL1727060014		Pend	CENTENNIAL RESOURCE PRODU	Jordan L. Kessler (jlkess)	pLEL1727060014	Application in review. w/NSP-XXX WELL: Crazy Wolf 1/2 B2MM Fed Com No. 1H; API # 30-025-PENDING
Lea	LEL	NSL	9/22/2017	13	pLEL1726947651	10/5/2017	Susp	CIMAREX ENERGY CO. OF COL	Zoe Lees (zel@modrall.com	30-025-43303	SUSPENDED 10/05/2017 Applicant will resubmit and provide additional information. WELL: Hallertau 5 Federal Well No. 9H; API # 30-025-43303
Lea	LEL	NSL	9/15/2017	20	pLEL1726137920	10/5/2017	Susp	EOG RESOURCES INC	Jordan L. Kessler (jlkess)	30-025-44072	20 day PN pending. Protested 10/05/2017 - 30 Days 11/05/2017 WELL: Date 14 State Com Well No. 602H; API # 30-025-44072
Chaves	LEL	NSL	8/23/2017	5	pKSC1723738838	8/28/2017	Susp	HADAWAY CONSULTING AND EN	John C. Maxey (jcm@maxeye	pKSC1723738838	SUSPENDED! Set for Hearing, 10/12/2017 - Gary Larson (glarson@hinklawfirm.com) WELL: Thunderbolt No. 5H; API # 30-005-PENDING
Lea	MAM	NSL	3/21/2017	62	pMAM1708059942	5/22/2017	Canc	STEWART ENERGY II, LLC	Melanie Wilson; Agent	30-025-43592	Cancelled by Applicant WELL: ?

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	LEL	NSL	3/3/2017	24	pLEL1706254143	3/27/2017	Canc	COG OPERATING LLC	Debora Wilbourn (dwilbour)	pLEL1706254143	Debora W. requested to withdraw the application. WELL: Windward Federal No. 11H; API # 30-025-PENDING
Eddy	MAM	NSL	2/5/2017	59	pKSC1709556079	4/5/2017	Canc	CIMAREX ENERGY CO.	Zoe Lees (zle@modrail.co)	30-015-42173	NO NSL required within 330' of project area WELL: Medwick 32 Federal Com #8H; API # 30-015-42173
Eddy	LEL	NSL	11/18/2016	0	pSD1631548268	11/18/2016	Canc	OXY USA INC	David Stewart - Oxy	pSD1631548268	Corral Fly 35-26 Federal Com No. 22H
Eddy	MAM	NSL	11/18/2016	30	pMAM1632343064	12/18/2016	Susp	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-41309	See hearing docket Yardbirds 34 W2NC Fee Well No. 1H 30-015-41309
Eddy	MAM	NSL	11/18/2016	30	pMAM1632336511	12/18/2016	Canc	MEWBOURNE OIL CO	Jim Bruce; Attorney	30-015-43464	See R-14240 and NSL-7435 Timed out, See Hearing Docket 30-015-43464 Yardbirds 34 W2OB Fee #1H
Eddy	MAM	NSL	11/16/2016	16	pMAM1632157462	12/2/2016	Canc	CAZA OPERATING, LLC	Scott Hall; Attorney	30-015-43898	No NSL required because within 50' of projected path
Lea	LEL	NSL	9/27/2016	15	pKSC1627141161	10/12/2016	Canc	COG PRODUCTION, LLC	Debora L. Wilbourn dwilbo	pKSC1627141161	Debora requested to cancel this application on 10.12.16 WELL: Windward Federal #6; API # 30-025-PENDING
Lea	LEL	NSL	9/27/2016	23	pKSC1627347704	10/20/2016	Canc	COG PRODUCTION, LLC	Debora L. Wilbourn dwilbo	pKSC1627347704	Application was rescinded, 10.20.16 WELL: Windward Federal #7H; API # 30-025-PENDING
Lea	LEL	NSL	9/27/2016	22	pKSC1627327917	10/19/2016	Canc	COG PRODUCTION, LLC	Debora L. Wilbourn (575)	pKSC1627327917	Debora cancelled this Application on 10.19.16 WELL: Windward Federal #8H; API # 30-025-PENDING
Lea	LEL	NSL	9/22/2016	11	pKSC1626538764	10/3/2016	Canc	COG OPERATING LLC	Debora L. Wilbourn	30-025-43037	"We would like to withdraw our NSL application for the Fascinator Fee #1H well" D.W. WELL: Fascinator Fee #1H; API # 30-025-43037
Lea	LEL	NSL	9/21/2016	16	pKSC1626627446	10/7/2016	Canc	COG OPERATING LLC	Debora L. Wilbourn	30-025-43069	10/07/2016 COG has withdrawn this application. Debora Wilbourn. WELL: Smalls federal #8H; API # 30-025-43069
Eddy	LEL	NSL	9/21/2016	23	pKSC1626557658	10/14/2016	Canc	MEWBOURNE OIL CO	Mitchell Robb	30-015-42765	Suspended 10.14.16, No NSL required, only NSP. Requested they resubmit. WELL: Annabelle 13/18 W2BA Federal Com #1H : API # 30-015-42765
Lea	LEL	NSL	9/19/2016	28	pKSC1626426389	10/17/2016	Canc	MEWBOURNE OIL CO	Cy Shook (cshook@mewbourn)	30-025-43361	Cancelled after no response for additional information and PN. WELL: Salado Draw W1DM Fee No. 2H; API # 30-025-43361
Lea	LEL	NSL	9/9/2016	30	pKSC1625628080	10/9/2016	Canc	COG OPERATING LLC	Debora L. Wilbourn	30-025-43390	Cancelled, no resolution

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Lea	LEL	NSL	9/9/2016	18	pKSC1625632769	9/27/2016	Canc	COG OPERATING LLC	Debora L. Wilbourn	30-025-43390	D.W. requested withdrawel of application, 09.27.16
Lea	LEL	NSL	9/9/2016	27	pKSC1625629360	10/6/2016	Canc	EOG RESOURCES INC	Jordan L. Kessler	pKSC1625629360	Cancelled, no resolution WELL:Della 29 FED COM # 602H
Eddy	LEL	NSL	9/7/2016	28	pKSC1625238825	10/5/2016	Canc	COG OPERATING LLC	Debora Wilbourn (DWilbour	30-015-43670	Additional PN required. Discarded application. WELL: Bultaco State No. 3H; API # 30-015-43670
Eddy	LEL	NSL	8/12/2016	31	pLEL1622860320	9/12/2016	Canc	CIMAREX ENERGY CO.	Aricka Easterling (aester	30-015-42178	Cancelled, no resolution
Eddy	LEL	NSL	8/12/2016	31	pLEL1622861340	9/12/2016	Canc	CIMAREX ENERGY CO.	Aricka Easterling (aester	30-015-42172	Cancelled, no resolution
Eddy	LEL	NSL	8/12/2016	31	pLEL1622861830	9/12/2016	Canc	CIMAREX ENERGY CO.	Aricka Easterling (aester	30-015-42173	Cancelled 03/12/2016, no resolution WELL: Medwick 32 Federal Com No. 8H; API No. 30-015-42173
Lea	LEL	NSL	7/19/2016	23	pLEL1620861299	8/11/2016	Canc	COG OPERATING LLC	Melania Wilson (Mwilson@c	30-025-43310	08.11.16 Protested by Tate Savage WELL: Warbler State Com No. 4H; API 30-025-43310
Lea	LEL	NSL	6/30/2016	41	pLEL1618341056	8/10/2016	Canc	MEWBOURNE OIL CO	James Bruce 505-982-2043	30-025-42793	08.10.16 Suspended, waiting clarification on NSP status. WELL: Crazy Wolf 1/2 BC2D FED COM No. 1H; API # 30-025-42793
Lea	LEL	NSL	6/30/2016	47	pLEL1619458191	8/16/2016	Canc	V-F PETROLEUM INC	Eric Sprinkle (eric@vfpet	30-025-43232	08.16.16 DENIED. Sent E-mail to Eric Sprinkle WELL: DMT 7 FEE No. 3; API # 30-025-43232
Lea	LEL	NSL	6/30/2016	47	pLEL1619458626	8/16/2016	Canc	V-F PETROLEUM INC	Eric Sprinkle (eric@vfpet	30-025-43231	08.16.16 DENIED. Sent E-mail to Eric Sprinkle WELL: DMT 7 FEE No. 2; API # 30-025-43231
Eddy	LEL	NSL	6/30/2016	35	pLEL1618340627	8/4/2016	Canc	MEWBOURNE OIL CO	James Bruce 505-982-2043	30-015-43452	Application suspended. Pending answer on BHL. 08.04.16 - no answer, cancelled WELL: Goose 29/28 W2BA STATE COM No. 1H; API # 30-015-43452
Eddy	LEL	NSL	6/30/2016	34	pLEL1618340054	8/3/2016	Canc	MEWBOURNE OIL CO	James Bruce 505-982-2043	30-015-42974	Suspended/cancelled 08.04.16, additional PN required. WELL: Sterling Pound 20/29 W2DE STATE COM No. 1H; API # 30-015-42974
Eddy	LEL	NSL	6/17/2016	39	pLEL1617259254	7/26/2016	Canc	MEWBOURNE OIL CO	Mitchell Robb (432) 682-3	30-015-43494	Application suspended, 07.26.2016, no resolution, so cancelled WELL: Foreigner 33/4 W2LM Fee # 1 H; API # 30-015-43494
Eddy	LEL	NSL	6/10/2016	6	pMAM1616638919	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; attorney	pMAM1616638919	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 10P3 #7H; API # 30-015-pending; S3 T26S R27E



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Eddy	LEL	NSL	6/10/2016	6	pMAM1616635968	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616635968	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO P10 # 24H; API # 30-015-pending; S3 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616634287	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616634287	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 8P2 #21H; API # 30-015-pending; S17 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616632823	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; attorney	pMAM1616632823	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 8 P2 #14H; API # 30-015-pending; S17 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616632353	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616632353	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 8 P2 6H; API # 30-015-pending; S8 T26SR27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616631726	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616631726	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 8P2 # 22H; API # 30-015-pending; S 17 T26 S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616637812	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; attorney	pMAM1616637812	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 10P3 #15H; API # 30-015-pending; S3 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616637028	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616637028	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 10 P3 #23 H; API # 30-015-pending; S 3 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616637491	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616637491	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO P3 #16H; API # 30-015-pending; S 3 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616638285	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616638285	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 10P3 # 8H; API #30-015-pending; S3 T26S R27E
Eddy	LEL	NSL	6/10/2016	6	pMAM1616635336	6/16/2016	Susp	CHEVRON U S A INC	Jordan Kessler; Attorney	pMAM1616635336	06/16/2016 suspended via applicant request, C-102 revision WELL: HH SO 8 P2 # SH; 30-015-pending; S 17 T26S R27E
Eddy	LEL	NSL	6/2/2016	38	pLEL1615848612	7/10/2016	Canc	MATADOR PRODUCTION COMPAN	Jim Bruce (James.Bruce@ao	30-015-43723	Application protested 06/10/2016; Suspended WELL: Paul 25 24S 28E RB # 225H; API # 30-015-43723
Eddy	LEL	NSL	2/26/2016	11	pMAM1605756898	3/8/2016	Canc	CONOCOPHILLIP S COMPANY	Ashley Bergen:regulatory	30-015-43375	No NSL required-existing NSL for this well
Eddy	LEL	NSP	10/19/2017	1	pLEL1729232542		Pend	COG PRODUCTION, LLC	Debora L Wilbourn (dwlbo	30-015-44319	Application in review. WELL: Copperhead 31 Fee No. 20H; API # 30-015-44319
Lea	LEL	NSP	9/27/2017	23	pLEL1727060362		Pend	CENTENNIAL RESOURCE PRODU	Jordan L. Kessler (jlless	pLEL1727060362	Application in review. w/NSL-7599 WELL: Crazy Wolf 1/2 B2MM Fed Com No. 1H; API # 30-025-PENDING

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Eddy	LEL	NSP	8/22/2017	59	pLEL1726432358		Pend	COG PRODUCTION, LLC	Bobbie Goodloe (bgoodloe)	30-015-41210	AREA: SEC 31 LOT 3 (23.75) WELL: Copperhead Fee A 4H; API No. 30-015-41210
Eddy	LEL	NSP	8/22/2017	59	pLEL1726147569		Pend	COG OPERATING LLC	Bobbie Goodloe (bgoodloe@)	30-015-42379	AREA: 31 26S 29E WELL: Copperhead 31 Federal Com No. 3H; API # 30-015-42379
Eddy	LEL	NSP	8/22/2017	59	pLEL1725833133		Pend	COG OPERATING LLC	Bobbie Goodloe (bgoodloe@)	30-015-41129	AREA: 19 31 26S 26E WELL: Yellow Fin Federal Com No. 2H; API # 30-015-41129
Eddy	LEL	NSP	8/7/2017	74	pKSC1722037806		Pend	COG OPERATING LLC	Bobbie Goodloe bgoodloe	30-015-37465	Pending 20 day period Well Honey Graham State Com #1H; API 30-015-37465
Eddy	LEL	NSP	8/7/2017	74	pKSC1722038508		Pend	COG OPERATING LLC	Bobbie Goodloe (bgoodloe@)	30-015-41379	NSP APPROVED! WELL: Honey Graham State Com 4H; API # 30-015-41379
Eddy	LEL	NSP	6/19/2017	123	pLEL1717062330		Pend	RKI EXPLORATION & PRODUCT	Jordan Kessler (505-954-7	pLEL1717062330	Application in review, 07/13/2017 SEC. 35, TWN 25 S, RNG 29 E
Eddy	LEL	NSP	4/11/2017	55	pMAM1710958453	6/5/2017	Canc	RKI EXPLORATION & PRODUCT	Jordan Kessler 505-954-72	30-015-42290	Not NSP, Information placed in well file WELL: North Bushy Draw Federal Com 35 No. 4H & 5H_ API 30-015-42290 (& -42291)
Eddy	LEL	NSP	10/14/2016	31	pKSC1629257169	11/14/2016	Susp	CIMAREX ENERGY CO. OF COL	Jennifer L. Bradfute (505	30-015-43847	Application in review... suspended based on time WELL: Crescent Hale 10 Federal Com 4H; API # 30-015-43847
Eddy	LEL	NSP	9/21/2016	23	pKSC1626558551	10/14/2016	Canc	MEWBOURNE OIL CO	Mitchell Robb	30-015-42765	Requested resubmittal WELL: Annabelle 13/18 W2BA Federal Com #1H; API # 30-015-42765
Eddy	LEL	NSP	8/5/2016	52	pLEL1622835463	9/26/2016	Canc	CIMAREX ENERGY CO.	Terri Stathem 432-620-193	30-015-42180	Application set for Hearing Case 15561 and cannot be processed Administratively.
Eddy	LEL	NSP	8/5/2016	54	pLEL1622834000	9/28/2016	Canc	CIMAREX ENERGY CO.	Terri Stathem 432-620-193	30-015-42098	Application cancelled, 09.28.16 via Applicant request. WELL: Klein 33 Federal Com No. 5H; API # 30-015-42098
Eddy	LEL	NSP	6/30/2016	35	pLEL1621660683	8/4/2016	Canc	MEWBOURNE OIL CO	James Bruce (jamesbruc@aol)	30-015-42974	Suspended, additional PN required., no resolution, cancelled WELL: Sterling Pound 20/29 W2DE State Com # 1H; API # 30-015-42974
Lea	LEL	NSP	6/30/2016	41	pLEL1622232609	8/10/2016	Canc	MEWBOURNE OIL CO	Jim Bruce (jamesbruc@aol.	30-025-42793	Suspended 08.10.16, no resolution so cancelled WELL: Crazy Wolf 1 2 B2CD Fed. Com. Well No. 1H; API # 30-025-42793
Eddy	LEL	NSP	6/17/2016	30	pLEL1619632326	7/17/2016	Canc	MEWBOURNE OIL CO	Mitch Robb (mrobb@mewbour	30-015-43494	Application in review, no resolution, so cancelled WELL: Foreigner 33/4 W2LM Fee # 1 H; API # 30-015-43464
Eddy	MAM	PLC	10/11/2017	9	pMAM1728434626		Pend	OXY USA INC	Sarah Mussallam; Regulator	30-015-42062	

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San Juan	MAM	PLC	10/4/2017	16	pMAM1727735551		Pend	DUGAN PRODUCTION CORP	Kevin Smaka; Engineer	30-045-35386	48 additional wells
Eddy	MAM	PLC	10/2/2017	18	pMAM1727629458		Pend	OXY USA INC	Taylor Stillman; Engineer	30-015-43906	
Lea	MAM	PLC	9/25/2017	24	pMAM1726830949	10/19/2017	Susp	BREITBURN OPERATING LP	Shelly Doescher; Agent	30-025-43656	Waiting on results of Encore 8WELL#12
Lea	MAM	PLC	9/6/2017	15	pMAM1724829252	9/21/2017	Canc	BREITBURN OPERATING LP	Shelly Doescher; Agent	30-025-41061	Cancelled-incorrect facility diagram, write-up does not match facility diagram. Pools does not match wells Cancelled-incorrect facility diagram, write-up does not match write-up
Eddy	MAM	PLC	8/16/2017	8	pMAM1722847470	8/24/2017	Canc	OXY USA INC	Sandra Mussallam; Engineer	30-015-44176	Applicant changed surface commingle facility
Lea	MAM	PLC	6/12/2017	1	pMAM1716356325	6/13/2017	Canc	CHEVRON U S A INC	Cindy Herrera-Murillo; Pe	30-025-34080	Incorrect administrative application checklist, no production, E-permitting production for Tubb pool is inactive
Eddy	MAM	PLC	3/27/2017	0	pKSC1708640965	3/27/2017	Canc	DEVON ENERGY PRODUCTION C	Erin Workman Erin.workm	30-015-39230	Well Cotton Draw 10 Fed Com #1H; API 30-015-39229
San Juan	MAM	PLC	3/8/2017	8	pMAM1706756292	3/16/2017	Canc	XTO ENERGY, INC	Cherylene Weston; Senior	30-045-25349	Identical to PLC-409
Eddy	MAM	PLC	5/5/2016	6	pMAM1612657359	5/11/2016	Canc	CIMAREX ENERGY CO.	Rhonda Sheldon; Regulator	30-015-42150	See NSP application? Cancelled at operator request
Lea	MAM	PLC	3/7/2016	4	pMAM1606760034	3/11/2016	Canc	MACK ENERGY CORP	Jerry Sherrell; Productio	30-025-01338	Unable to administratively approve fixed or subtraction methods for surface commingle; sent to hearing.
Lea	MAM	PMX	9/20/2017	30	pMAM1726359182		Pend	OCCIDENTAL PERMIAN LTD	April Hood; Regulatory sp	30-025-07375	Three new inj. Wells in NHGSAU
Lea	MAM	PMX	2/16/2017	7	pMAM1704828815	2/23/2017	Canc	CML EXPLORATION, LLC	Jordan Owens; Area Engine	30-025-39246	This is an application to expand a project. Must create Pressure Maintenance Project at examiner hearing
San Juan	PRG	PMX	10/24/2016	0	pMAM1630556943	10/24/2016	Susp	ROBERT L BAYLESS	John Thomas; Production a	30-045-35376	Proposed Casing Head Gas Reinjection - no way to gather gas Also see pending hearing Case 15622 for this Unit and Gas Injection
Lea	PRG	SWD	10/18/2017	2	pMAM1729159232		Pend	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1729159232	TreySWD#1;30-025-pending;A-21-23S-32E
Eddy	PRG	SWD	10/18/2017	0	pMAM1729158285	10/18/2017	Susp	CIMAREX ENERGY CO.	Amithy Crawford; Regulato	pMAM1729158285	Freedom 36 State 36 SWD#1; M-36-24S26E;30-015-pending No aff/pub

MAM = Michael McMillan, PRG = Philip Goetze, LEL = Leonard Lowe, WVJ = Will Jones

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Lea	MAM	SWD	10/16/2017	0	pMAM1728959212	10/16/2017	Susp	NGL WATER SOLUTIONS PERMI	Chris Weyand; Agent	pMAM1728959212	NGL Striker6SWD#1; Unit D,Sec.6 T24SR34E;30-025-pending NGL Striker6SWD#1; Unit D,Sec.6 T24SR34E;30-025-pending. Noaff/pub.. No proof of mailing
Lea	PRG	SWD	10/13/2017	7	pMAM1728659105		Pend	MESQUITE SWD, INC	Melanie Wilson; Agent	30-025-44106	
Lea	MAM	SWD	10/13/2017	0	pMAM1728656097	10/13/2017	Susp	SOLARIS WATER MIDSTREAM,	Ben Stone; Agent	pMAM1728656097	Solaris Water Midstream; OkeanosSWD#1;30-025-Pending;M-336-20S-34E SolarisWaterMidstream;OkeanosSWD#1;30-025-Pending;M-36-20S-34E;
Chaves	PRG	SWD	10/10/2017	10	pMAM1728358989		Pend	HADAWAY CONSULTING AND FN	John Maxey; Agent	30-005-62596	
Eddy	MAM	SWD	10/4/2017	16	pMAM1727834407		Pend	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1727834407	Sand Dunes SWD #1; N-5-T24S R31E;30-015-Pending Sand Dunes SWD #1; N-5-T24S R31E;30-015-Pending
Lea	PRG	SWD	10/3/2017	10	pMAM1727658584	10/13/2017	Susp	NGL WATER SOLUTIONS PFRMI	Chris Weyand; Agent	pMAM1727658584	Striker4SWD#1;M-24 T24S R34E; 30-025-pending Protested Marathon and OWL SWD Operating
Eddy	MAM	SWD	10/3/2017	17	pMAM1727758092		Pend	LIME ROCK RESOURCES II-A,	Mike Pippin; Agent	30-015-26404	
Lea	PRG	SWD	9/29/2017	21	pPRG1729341431		Pend	OWL SWD OPERATING, LLC	Ben Stone, Agent for OWL	30-025-42947	Deepening of Injection interval to include Fusselman Fm/Silurian
Lea	PRG	SWD	9/22/2017	3	pMAM1726559506	9/25/2017	Canc	COBALT OPERATING, LLC	Mark Burkett; engineer	30-025-29711	
Eddy	MAM	SWD	9/18/2017	32	pMAM1726254295		Pend	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1726254295	Mesa VerdeSWD#3; 30-015-pending;N-13-24S-31E Mesa VerdeSWD#3; 30-015-pending;N-13-24S-31E
Lea	MAM	SWD	9/18/2017	24	pMAM1726254907	10/12/2017	Canc	CIMAREX ENERGY CO.	Amithy Crawford; Regulator	30-025-33531	Applicant withdrew application October 12, 2017
Lea	PRG	SWD	9/7/2017	43	pKSC1725631000		Pend	KENEMORE WELDING AND OILF	George Kenemore georgek	30-025-01269	Still pending as of Oct 20 New Mexico "A" SWD #2; API 30-025-01269
Lea	MAM	SWD	8/28/2017	32	pMAM1724045488	9/29/2017	Susp	GOODNIGHT MIDSTREAM PFRMI	Brian Wood; Agent	30-025-43901	Asking for signed statement from a geologist to address the fault issue - email to Brian Wood
Eddy	MAM	SWD	8/21/2017	9	pMAM1723357567	8/30/2017	Susp	NGL WATER SOLUTIONS PERMI	Chris Weyand; Agent	30-015-44416	Striker2SWD#1;D-23-24S-31E;30-015-pending Striker2SWD#1;30-015-44416;;Protested XTO Energy,EOG

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Eddy	MAM	SWD	8/15/2017	9	pMAM1722752133	8/24/2017	Susp	NGL WATER SOLUTIONS PFRMI	Chris Weyand; Engineer	pMAM1722752133	Striker1SWD#1;B-15-23S-28E;Protested Chevron Striker1SWD#1;B-15-23S-28E;Protested Chevron
Eddy	MAM	SWD	7/31/2017	0	pMAM1721254024	7/31/2017	Susp	MNA ENTERPRISES LTD CO	Eddy Seay; Agent	30-015-05893	Protested by 'chevron and ConococPhillips
Eddy	MAM	SWD	7/25/2017	7	pKSC1720832902	8/1/2017	Susp	RKI EXPLORATION & PRODUCTION	Ashlee Fehino ashlee.f	pKSC1720832902	Protested Marathon Well Rustler Breaks SWD #1; API 30-015-pending; Protested Marathon
Eddy	MAM	SWD	7/3/2017	9	pKSC1718727107	7/12/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood brian@permit	30-015-22320	Protested Kaiser-Francis Cancelled-injection into known producing formation
Eddy	MAM	SWD	7/3/2017	10	pKSC1718735697	7/13/2017	Susp	DELAWARE ENERGY, LLC	Mike McCurdy mmccurdy@d	pKSC1718735697	RUIZ SWD #1 RUIZ SWD #1; API 30-015-; Protested Alpha SWD Operating LLC Well RUIZ SWD #1; API 30-015-; Protested Alpha SWD Operating LLC
Lea	MAM	SWD	7/3/2017	3	pMAM1718754184	7/6/2017	Susp	CIMAREX ENERGY CO. OF CO	Amithy Crawford; Regulator	30-025-33633	NMSLO requests injection from 5338'-7425' NMSLO requests injection from 5338'-7425'
Lea	MAM	SWD	6/29/2017	0	pMAM1718146953	6/29/2017	Susp	JUDAH OIL LLC	Danny Holcomb; Agent	30-025-37160	Protested Mewbourne Oil Company
Lea	PRG	SWD	6/20/2017	8	pMAM1717136579	6/28/2017	Susp	SANTO OPERATING LLC	Loren Diede; Agent	pMAM1717136579	Ocotillo SWD#1; J-15-25S-34E; 30-025-pending; Suspended EOG Resources protest EOG Resources withdrew protest-back to admin process
Lea	MAM	SWD	6/20/2017	0	pMAM1717140969	6/20/2017	Canc	CHEROKEE DISPOSAL, LLC	Eddie Seay; Agent	30-025-21673	Sallie Anderson#1; C-25-9S-34E; Bough injection; cancelled receipts surface owner, affected parties, and swab test of interval had oil, and pumped 8 BOPD
Eddy	MAM	SWD	5/22/2017	8	pMAM1714233624	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-33783	Protested BTA,Chevron, Kaiser-Francis. Applicant withdrew application
Eddy	MAM	SWD	5/12/2017	11	pMAM1713255815	5/23/2017	Canc	OWL SWD OPERATING, LLC	Steve Pattee; Engineer	pMAM1713255815	Scrute Farms SWD#1; M-4 T26SR28E; Protested COG. Cancelled by Applicant
Eddy	MAM	SWD	5/8/2017	22	pMAM1712835977	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-26368	Protested Chevron. Applicant withdrew application
Lea	MAM	SWD	5/5/2017	0	pMAM1712534121	5/5/2017	Canc	PERMIAN TDS, LLC	Eddie Seay; Agent	30-025-32750	well bore diagram does not match well file
Lea	MAM	SWD	5/1/2017	2	pMAM1712229015	5/3/2017	Susp	BTA OIL PRODUCERS, LLC	Kay McConnell; Regulatory	30-025-34628	Protested Devon Energy Corporation and NMSLO

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Lea	PRG	SWD	5/1/2017	0	pMAM1712152783	5/1/2017	Susp	OWL SWD OPERATING, LLC	Steve Pattee; Agent	pMAM1712152783	Yates-Seven Rivers See Case 15723 which is pending
Lea	MAM	SWD	4/26/2017	1	pKSC1711658014	4/27/2017	Canc	COBALT OPERATING, LLC	Mark Burkett mark@cobal	30-025-21230	Out of 5.9.compliance. Wellbore diagram problems Well State A #001; API 30-025-21230
Eddy	MAM	SWD	4/17/2017	0	pMAM1710749639	4/17/2017	Canc	TACTICAL OIL & GAS, LLC	Brian Wood; Agent	30-015-25003	
Eddy	MAM	SWD	4/17/2017	43	pMAM1710744638	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-22931	Protested Chevron USA. Applicant withdrew application
Eddy	MAM	SWD	4/17/2017	43	pMAM1710746033	5/30/2017	Canc	ROCKCLIFF OPERATING NFW M	Brian Wood; Agent	30-015-23339	Protested Chevron. Applicant withdrew application
Eddy	MAM	SWD	3/13/2017	4	pMAM1707530767	3/17/2017	Canc	ROCKCLIFF OPERATING NEW M	Brian Wood; Agent	30-015-22320	Discrepancies between application and subsequent drawing and well file. Concerns about tubing and liner size
Lea	PRG	SWD	2/28/2017	3	pMAM1705955027	3/3/2017	Canc	OWL SWD OPERATING, LLC	Ben Stone; Agent	pMAM1705955027	DinwiddleSWD#1;C-11-T26SR33E;Devonian;17500'-18800';API 30-025-pending;cancelled by Applicant
Eddy	MAM	SWD	2/15/2017	0	pMAM1704640834	2/15/2017	Canc	MESQUITE SWD, INC	Melanie Wilson; Regulator	30-015-44054	Tubing size increase. Cancelled due to concerns about tubing/liner size problems. Mesquite plan hearing about this issue
Lea	PRG	SWD	2/15/2017	28	pMAM1704655210	3/15/2017	Susp	JUDAH SWD, LLC	Danny Holcomb; Agent	30-025-30677	Not allowed to exceed 30 days Suspended until issues resolved
Eddy	MAM	SWD	2/13/2017	11	pMAM1704449021	2/24/2017	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1704449021	Sand Dunes SWD#1; 30-015-pending;N-Sec.5 T24SR31E;Cancelled because 5-1/2" tubing inside 7-5/8"Liner
Chaves	MAM	SWD	2/1/2017	0	pMAM1703255824	2/1/2017	Canc	JALAPENO CORPORATION	H. Emmons Yates III; Vice	30-005-64153	Injection into hydrocarbon strata within AOR
Lea	PRG	SWD	1/30/2017	2	pMAM1703059268	2/1/2017	Susp	XOG OPERATING LLC	Amy Crawford; Production	30-025-34664	Protested by Chevron USA Inc. and surface owner (legal: Maddox, Holloman & Moran)
Eddy	PRG	SWD	1/25/2017	13	pMAM1702552135	2/7/2017	Susp	RKI EXPLORATION & PRODUCTION	Ashlee Fechino; Regulator	30-015-42463	Protested by Chevron
Eddy	MAM	SWD	1/9/2017	22	pMAM1701032155	1/31/2017	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice-Presi	pMAM1701032155	Lot 2 Sec. 32 T26S R29E; Catfish SWD#1; 30-015-pending. Cancelled by applicant May resubmit application in the future
Eddy	MAM	SWD	11/7/2016	21	pMAM1631260141	11/28/2016	Canc	RAY WESTALL OPERATING, IN	Ben Stone; Agent	30-015-22601	Applicant agreed to submit revised SWD application

County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contct	First_API	All Comments
Eddy	PRG	SWD	10/31/2016	3	pPRG1630829712	11/3/2016	Canc	DELAWARE ENERGY, LLC		pPRG1630829712	Enciso Fed. SWD #1; D-35-21S-27E; 1095 FNL/2090 FEL Protested by Finley; application not complete.
Eddy	MAM	SWD	10/24/2016	100	pMAM1630056805	2/1/2017	Canc	DAKOTA RESOURCES INC III	Pam Morpew; Vice Preside	30-015-25006	Cancelled injection zone same interval as producing zone in AOR
Eddy	PRG	SWD	10/24/2016	2	pMAM1630053276	10/26/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	pMAM1630053276	RuizSWD#1;suspended/; no Aff.pub;no return receipt;no wellbore diagram
Eddy	MAM	SWD	10/3/2016	37	pMAM1627852869	11/9/2016	Canc	SOLARIS WATER MIDSTREAM,	Brian Wood; Agent	30-015-42813	Original Operator cancelled existing permit. New applicant must submit new application
Lea	PRG	SWD	9/26/2016	21	pKSC1627135862	10/17/2016	Canc	MESQUITE SWD, INC	Kay Havenor Agent (575) 6	30-025-23895	Suspended improper affidavit of publicaiton. 10 days from suspension or will be cancelled WELL: 7811 V-P Vaca Draw Unit SWD #1; API # 30-025-23895
Lea	PRG	SWD	9/26/2016	32	pMAM1627054773	10/28/2016	Canc	STEARNS	Danny Holcomb; agent	30-025-34070	Application cancelled; Improper notice
Lea	PRG	SWD	9/15/2016	30	pMAM1626333518	10/15/2016	Susp	LYNX PETROLEUM CONSULTANT	Larry R. Scott; President	30-025-37943	Suspended until Delaware or other issues are resolved
Eddy	MAM	SWD	9/13/2016	17	pMAM1625951963	9/30/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	30-015-20966	Miss SWD application (did not see this on Pool No. dropdown)
Chaves	MAM	SWD	9/2/2016	41	pKSC1625231643	10/13/2016	Canc	HUNT CIMARRON LIMITED PAR	Eddie W Seay Agent	30-005-62632	Have all return receipts. 15-day notice start 10-04-2016; out of 5.9 compliance
Chaves	PRG	SWD	8/17/2016	5	pMAM1623132036	8/22/2016	Canc	HUNT CIMARRON LIMITED PAR	Eddy Seay; Agent	30-005-62632	Suspended; improper notice of publication, no return receipt, verify surface owner
Eddy	PRG	SWD	8/3/2016	12	pMAM1621755415	8/15/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein;Vice Presid	pMAM1621755415	Iceman StateSWD#1;30-015-pending;cancelled no affidavit of publication, no return receipt, incorrect 1/2 mile AOR
San Juan	PRG	SWD	7/18/2016	0	pMAM1620058222	7/18/2016	Susp	VISION ENERGY GROUP LLC	Brian Wood/Permit West; a	30-045-35578	Multiple: BLM (APD), NNEPA and EPA Region 9 (UIC Prog) Suspended pending investigation
Eddy	PRG	SWD	6/27/2016	0	pMAM1618050843	6/27/2016	Susp	CHI OPERATING INC	Brain Wood; Agent	30-015-33790	Capitan Reef
Lea	PRG	SWD	6/24/2016	0	pMAM1617656987	6/24/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice-presi	30-025-32231	Cancelled 06-24-16; no notification of affected parties and affidavit of publ.; 06/30/2016 protested by Yates Pet/MYCO (Larson)
Eddy	PRG	SWD	6/17/2016	61	pMAM1617250033	8/17/2016	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1617250033	Cedar Canyon SWD#1; 30-015-pending; S8 T24S R29E Need to add comments on this one...



County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Eddy	MAM	SWD	6/16/2016	49	pMAM1617638997	8/4/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; vice Presi	30-015-33349	No Affidavit of publicatoin, no return receipt for suface owner, no return receipt for the mineral interest owner, and no notification to the City of Carlsbad
Eddy	PRG	SWD	5/20/2016	69	pMAM1614551514	7/28/2016	Canc	BC OPERATING, INC.	Billy Moore; Engineer	30-015-26456	
Lea	PRG	SWD	5/20/2016	4	pMAM1614549758	5/24/2016	Canc	SIANA OPERATING LLC	Josh Goates; Engineer	30-025-24003	Suspended May 24, 2016 waiting on compliance order case; application incomplete. Application cancelled for non-response to deficiencies.
Lea	PRG	SWD	5/16/2016	8	pMAM1613829740	5/24/2016	Susp	BC OPERATING, INC.	Jason Wacker; Operations	30-025-31950	Protested by Cimarex (Modell Sperling)
Eddy	PRG	SWD	5/16/2016	18	pMAM1613832487	6/3/2016	Canc	MESQUITE SWD, INC	Kay Havenor; Agent	pMAM1613832487	Moutray SWD#1; 30-015-pending; Sec28-T245 R29E; application suspended out of 5.9 compliance
Eddy	MAM	SWD	5/16/2016	59	pMAM1613830752	7/14/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	30-015-32090	Application cancelled portion Capitan Reef not adequately protected
Eddy	PRG	SWD	5/6/2016	40	pMAM1612756101	6/15/2016	Canc	KAISER-FRANCIS OIL CO	Chris Seiden; agent	pMAM1612756101	MalagaSWD#1; 30-015-pending; 25-23S-28E; protested by Chevron USA (Holland & Hart) 6/15/2016; previously suspn due no notice documents.
Eddy	PRG	SWD	5/5/2016	35	pMAM1613036624	6/9/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	30-015-05973	Denied with prejudice; significant technical issues with application; Capitan/karst issues.
Eddy	PRG	SWD	5/4/2016	12	pMAM1612646315	5/16/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; Vice Presi	30-015-27996	Protested by Mewbourne and Yates; application denied for admin approval due top AOR wells
Eddy	PRG	SWD	5/4/2016	0	pMAM1612643074	5/4/2016	Canc	DELAWARE ENERGY, LLC	Preston Stein; vice Presi	30-015-23940	Protested Mewbourne Oil Company and Chevron
Lea	PRG	SWD	5/2/2016	31	pMAM1612351175	6/2/2016	Susp	EOG Y RESOURCES, INC.	Brice Letcher; Engineer	30-025-25922	Delaware - more study needed
Eddy	PRG	SWD	4/28/2016	0	pMAM1612351886	4/28/2016	Canc	MESQUITE SWD, INC	Kay Havenor; agent	30-015-10620	Previous approval R-13839 (expires 6/4/2016); protested by BOPCO (05/11/2016) Cancelled: adminstrative application cannot be considered while hearing order still in effect.
Eddy	PRG	SWD	4/25/2016	1	pPRG1611845585	4/26/2016	Susp	NEARBURG PRODUCING CO	Vicki Johnston, Gray Surf	pPRG1611845585	Cottonwood Fed. SWD #1; 150 FNL/1020 FWL; D-Sec 28-26S-26E; Delaware (Cherry C and Brushy C); protested by Chevron (Holland & Hart)
Eddy	PRG	SWD	4/5/2016	114	pPRG1611142833	7/28/2016	Canc	MESQUITE SWD, INC	Kay Havenor, Agent	30-015-20942	Well design to conform to BLM Onshore No. 2; excess number of inactive wells Rule 5.9 violation



County	Engr	App	Received	Days	Permit/Application	Resolved	Status	Applicant	Contact	First_API	All Comments
Eddy	PRG	SWD	3/30/2016	7	pMAM1609059670	4/6/2016	Susp	MESQUITE SWD, INC	Kay Havenor; agent	30-015-24922	Protested by MRC Permian (J. Bruce).
Lea	PRG	SWD	3/21/2016	17	pMAM1608155603	4/7/2016	Canc	OXY USA INC	David Stewart; Senior Reg	30-025-34992	Protested by COG: AOR well (30-025-27466) cmt plug in open-hole does not isolate Brushy Canyon.
Eddy	PRG	SWD	3/11/2016	16	pMAM1607136705	3/27/2016	Canc	BASIC ENERGY SERVICES, LP	Brian Wood; agent	30-015-25141	Protested by Devon: application withdrawn; permitted interval requires hearing
Lea	PRG	SWD	3/4/2016	112	pMAM1606733553	6/24/2016	Canc	LEGACY RESERVES OPERATING	Craig Sparkman; operation	30-025-32794	Pending answers from Craig to questions about application.
Eddy	PRG	SWD	2/23/2016	7	pMAM1605559734	3/1/2016	Susp	GUARDIAN OPERATING CORP.	Ben Stone; agent	30-015-23299	Protested by R. Morales and Mewbourne Oil (J. Bruce)
Eddy	PRG	SWD	2/16/2016	49	pMAM1604752423	4/5/2016	Canc	DEVON ENERGY PRODUCTION C	Linda Good; Regulatory co	30-015-43262	Protested by SW Salt; application withdrawn (to be resubmitted with new surface location)
Lea	PRG	SWD	2/8/2016	37	pMAM1604257262	3/16/2016	Canc	CONOCOPHILLIPS COMPANY	Ashley Bergen; Regulatory	pMAM1604257262	Red Hills West 36 State No. 1; 700 FNL & 1983 FEL; B-36-26S-32E; Delaware (2325' interval) Denied due: to open-hole construction; to potential impacts to Avalon; no Brushy Canyon evaluation.
Lea	PRG	SWD	1/22/2016	104	pMAM1602256735	5/5/2016	Canc	MESQUITE SWD, INC	Kay Havenor; agent	pMAM1602256735	Lobo SWD Well No.1 Sec. 18 T24SR34E; 30-025-pending; protested. Cherry Canyon (Case dismissed 5/5/2016)
Lea	PRG	SWD	1/22/2016	104	pMAM1602234545	5/5/2016	Canc	MESQUITE SWD, INC	Kay Havenor; agent	30-025-27052	Protested by EOG; to be renamed Superior SWD No. 1. Cherry Canyon, Case/application dismissed 5/5/2016
Lea	PRG	SWD	12/17/2015	175	pMAM1535157972	6/9/2016	Canc	RAZ OIL AND GAS L.L.C.	Danny Holcomb; agent	30-025-22004	Delaware interval; application denied due SWD-1594 and SWD-1596 in 1/2-mile radius; may consider later if either SWD does not go into operation.
Lea	PRG	WFX	10/18/2017	2	pMAM1729156788		Pend	APACHE CORP	Brian Wood; Agent	30-025-09916	
Lea	PRG	WFX	9/25/2017	25	pMAM1726933068		Pend	CHEVRON U S A INC	Cindy Herrera-Murillo; Pe	30-025-31840	
Lea	MAM	WFX	4/27/2016	47	pPRG1611142146	6/13/2016	Canc	APACHE CORP	Brian Wood; PermitsWest	30-025-06616	Three active injection wells; WFX to expand perms within Unitized Interval
Eddy	PRG	WFX	4/8/2016	39	pPRG1611137660	5/17/2016	Susp	AGUA SUCIA LLC	Brian Woods, PermitsWest	30-015-22603	Proposed conversion to ESU No. 90; applicant not compliant with Rule 19.15.5.9 NMAC.

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- 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:

Matador Production Company  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, Texas 75240

9590 9403 0963 5223 5496 54

## 2. Article Number (Transfer from service label)

7015 1660 0000 4377 9691

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

x Deane Burns ☐ Agent  
☐ Addressee

## B. Received by (Printed Name)

Deane Burns

## C. Date of Delivery

6/9/17

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

## 3. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                         | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input type="checkbox"/> Certified Mail®                         | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Return Receipt for Merchandise             |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

OCD Case No. 15855

ALPHA SWD OPERATING

Exhibit #12

# LONQUIST & CO. LLC

PETROLEUM  
ENGINEERS

ENERGY  
ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

July 13, 2017

New Mexico Energy, Minerals, and Natural Resources Department  
Oil Conservation Division District IV  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
(505) 476-3440

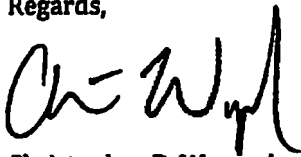
**RE: Application of Delaware Energy, LLC for Authorization to Inject into the proposed Ruiz SWD No. 1, Sec. 10-24S-28E, Eddy County, New Mexico**

To Whom It May Concern:

Alpha SWD Operating LLC ("Alpha") gives notice of its intent to protest the referenced application. Alpha has been authorized to utilize its proposed Alpha SWD No. 1 (API No. 30-015-44237) for commercial disposal of produced water. Delaware Energy LLC's proposed Ruiz SWD No. 1 is roughly ¼-mile NW of the Alpha SWD No. 1 location. Alpha is concerned that the disposal into the Ruiz SWD No. 1 may have adverse effects on future operations at the Alpha SWD No. 1 site as the disposal would be into the same interval as Alpha's disposal well.

Please include me on any future correspondence relating to this application and please put me on the service list for any hearing called to consider the application.

Regards,



Christopher B. Weyand  
Consulting Engineer for Alpha SWD Operating LLC

(512) 600-1764  
[chris@lonquist.com](mailto:chris@lonquist.com)

OCD Case No. 15855

ALPHA SWD OPERATING  
**Exhibit #13**

**From:** Preston Stein  
**To:** [Kurt Knewitz - BuySWD.com](mailto:Kurt.Knewitz@BuySWD.com)  
**Subject:** Re: Follow up  
**Date:** Saturday, March 4, 2017 3:57:35 PM

---

No. The only permits filed on them are the Gomez and the Pardue 31 Com #1. Everything else hasn't been touched/utilized.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
[Midland, TX 79705](mailto:Midland, TX 79705)  
[\(214\) 558-1371](tel:(214) 558-1371)

*This electronic transmission and any attached documents or other writings are intended only for the person or entity to which it is addressed and may contain information that is privileged, confidential or otherwise protected from disclosure. If you have received this communication in error, please immediately notify sender by return e-mail and destroy the communication. Any disclosure, copying, distribution or the taking of any action concerning the contents of this communication or any attachments by anyone other than the named recipient is strictly prohibited.*

On Mar 4, 2017, at 3:55 PM, Kurt Knewitz - [BuySWD.com](mailto:BuySWD.com) <[kurt@buyswd.com](mailto:kurt@buyswd.com)> wrote:

Thanks. Did you file permits on all these leases?



Kurt Knewitz  
[BuySWD.com](mailto:BuySWD.com)  
6009 W. Parker Rd  
Suite #149-189  
Plano, TX. 75093  
P: (214) 418-1177  
[Kurt@BuySWD.com](mailto:Kurt@BuySWD.com)  
[www.BuySWD.com](http://www.BuySWD.com)

On Mar 4, 2017, at 2:56 PM, Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)> wrote:

Kurt,

Meant to cc you on this. I've put together a ROUGH acreage schedule of our locked-up Acreage in NM. Wanted to pass this onto you as well. See attached.

Best Regards,

Preston M. Stein  
Vice President

OCD Case No. 15855  
ALPHA SWD OPERATING  
**Exhibit #14**

Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
[Midland, TX 79705](#)  
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Begin forwarded message:

**From:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Date:** March 4, 2017 at 2:28:17 PM CST  
**To:** James Youngblood <[james@gatewaymidstream.com](mailto:james@gatewaymidstream.com)>  
**Subject: RE: Follow up**

James,

Sorry for the delay. Been covered up this week. I've attached a rough draft of our master Surface Use Agreement schedule for you to have an idea of where we have surface use acreage locked up.

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Vice President  
Delaware Energy, LLC  
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**From:** James Youngblood [<mailto:james@gatewaymidstream.com>]  
**Sent:** Friday, March 3, 2017 7:24 AM  
**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Subject:** Fwd: Follow up

Preston,

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[Kurt@BuySWD.com](mailto:Kurt@BuySWD.com)  
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OCD Case No. 15855  
ALPHA SWD OPERATING  
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Midland, TX 79705  
(214) 558-1371

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**From:** James Youngblood [<mailto:james@gatewaymidstream.com>]  
**Sent:** Friday, March 3, 2017 7:24 AM  
**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Subject:** Fwd: Follow up

Preston,

**From:** Preston Stein  
**To:** [Kurt Knewitz - BuySWD.com](mailto:Kurt.Knewitz@BuySWD.com)  
**Subject:** Re: Follow up  
**Date:** Saturday, March 4, 2017 3:57:35 PM

---

No. The only permits filed on them are the Gomez and the Pardue 31 Com #1. Everything else hasn't been touched/utilized.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
[Midland, TX 79705](mailto:Midland, TX 79705)  
[\(214\) 558-1371](tel:(214) 558-1371)

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On Mar 4, 2017, at 3:55 PM, Kurt Knewitz - [BuySWD.com](mailto:BuySWD.com) <[kurt@buyswd.com](mailto:kurt@buyswd.com)> wrote:

Thanks. Did you file permits on all these leases?



Kurt Knewitz  
[BuySWD.com](mailto:BuySWD.com)  
6009 W. Parker Rd  
Suite #149-189  
Plano, TX. 75093  
P: (214) 418-1177  
[Kurt@BuySWD.com](mailto:Kurt@BuySWD.com)  
[www.BuySWD.com](http://www.BuySWD.com)

On Mar 4, 2017, at 2:56 PM, Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)> wrote:

Kurt,

Meant to cc you on this. I've put together a ROUGH acreage schedule of our locked-up Acreage in NM. Wanted to pass this onto you as well. See attached.

Best Regards,

Preston M. Stein  
Vice President

OCD Case No. 15855  
ALPHA SWD OPERATING  
**Exhibit #14**



Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
[Midland, TX 79705](#)  
[\(214\) 558-1371](#)

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Begin forwarded message:

**From:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Date:** March 4, 2017 at 2:28:17 PM CST  
**To:** James Youngblood <[james@gatewaymidstream.com](mailto:james@gatewaymidstream.com)>  
**Subject:** RE: Follow up

James,

Sorry for the delay. Been covered up this week. I've attached a rough draft of our master Surface Use Agreement schedule for you to have an idea of where we have surface use acreage locked up.

Best Regards,

Preston M. Stein  
Vice President  
Delaware Energy, LLC  
3001 W. Loop 250 N  
Suite C-105-318  
Midland, TX 79705  
(214) 558-1371

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**Sent:** Friday, March 3, 2017 7:24 AM  
**To:** Preston Stein <[Preston@delawareenergyllc.com](mailto:Preston@delawareenergyllc.com)>  
**Subject:** Fwd: Follow up

Preston,