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May 9 2017

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

*Case 15723*

**Re Application**

To Whom It May Concern

Enclosed please find an original and 3 copies of the application of OWL SWD Operating, LLC for authorization to inject for filing with the Oil and Conservation Division. This office respectfully requests that an endorsed copy be returned via courier.

Very truly yours,

GALLAGHER & KENNEDY, P A

By

Lynda Y Muncy

LYM lym  
Original Application & 3 copies of Application

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

**IN THE MATTER OF THE APPLICATION  
OF OWL SWD OPERATING, LLC FOR  
AUTHORIZATION TO INJECT, LEA COUNTY,  
NEW MEXICO**

CASE NO 15723

**APPLICATION**

OWL SWD Operating, LLC ("OWL"), by and through its undersigned attorneys, applies pursuant to 19 15 26 8 NMAC for an order authorizing the injection of water for disposal into the Yates-Seven Rivers formation in Lea County, New Mexico. In support of its Application, OWL states

1 OWL is the operator of the following well

Bobcat SWD No 1  
740 FSL & 705'FEL (Unit P)  
Section 25  
T-25S, R 36E, NMPM  
Lea County, New Mexico

2 The Bobcat SWD No 1 well is a proposed new well to be drilled to a total depth of approximately 3,060 feet. Applicant proposes to complete the well for injection of water into the Yates Seven Rivers formation by open hole from 2,915 to 3,060 feet.

3 Injection operations through the well will be conducted at an anticipated average daily injection pressure of 550 PSI (surface pressure) and maximum injection pressure of 580 PSI (surface pressure). OWL proposes injection of water at average daily rates of approximately 25,000 bbls and a maximum daily rate of approximately 30,000 bbls. The source of the injected fluids will be formation water from the Delaware, Bone Spring, Devonian, and Yates Seven Rivers formations.

4 OWL's proposed injection operation can be conducted in a safe and responsible manner without causing waste, impairing correlative rights or endangering fresh water, public health or the environment

5 OWL submitted a Form C-108 for authority to inject which has been filed with the Division. The Division advised OWL per letter dated April 20, 2017 that this application will have to be considered by hearing. Included with this application as "Exhibit A" is the completed Form C-108 (excluding copies of files on nearby wells attached to the form)

6 OWL currently injects into the Maralo Sholes B Well No. 2 under authority of Administrative Order SWD-1127. OWL intends the Bobcat SWD No. 1 well to replace the Maralo Sholes B Well No. 2.

WHEREFORE, OWL requests that the Division set this matter for hearing before a duly appointed examiner of the Oil Conservation Division on June 8, 2017, and that after notice and hearing as required by law, enter its order approving the use of the Bobcat SWD No. 1 for the injection of water into the Yates Seven Rivers formation at the intervals and the pressures, volumes and rates indicated, and making such other and further provisions as the Division determines to be appropriate in accordance with law.

Respectfully submitted,

GALLAGHER & KENNEDY, P A

By

  
Dalva L. Moellenberg  
Anthony J. Trujillo  
Rikki-Lee Chavez  
1239 Paseo de Peralta  
Santa Fe, New Mexico 87501  
(505) 982-9523 (Telephone)  
(505) 983-8160 (Fax)

ATTORNEYS FOR OWL SWD Operating, LLC

***Application of OWL SWD Operating, LLC for Authorization to Inject, Lea County, New Mexico*** Applicant seeks an order authorizing the injection of water for disposal into the Yates-Seven Rivers formation in Lea County, New Mexico in the following well

Bobcat SWD No 1  
740' FSL & 705 FEL (Unit P)  
Section 25  
T-25S, R-36E, NMPM  
Lea County, New Mexico

Applicant proposes to drill the well at the above location and use it for injection of produced water at depths of 2,915 to 3,060 feet subsurface. The well is located approximately one mile west of Jal, New Mexico.

**EXHIBIT**

**“A”**

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

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



Case 15723

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Application Acronyms**

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

- [1] **TYPE OF APPLICATION** Check Those Which Apply for [A]
- [A] Location Spacing Unit Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling Storage Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other Specify \_\_\_\_\_
- [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

Stephen L Pattee, P G

Engineer – Agent for OWL 04-28-2017

Print or Type Name

Signature

Title

Date

steve@lonquist.com  
 e mail Address

**District I**  
 1625 N French Dr Hbb 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**

<sup>1</sup> Operator Name and Address OWL SWD Operating, LLC 8214 Westchester Drive, Suite 850 Dallas TX 75255		<sup>2</sup> OGRID Number 308339
		<sup>3</sup> API Number 30-025
<sup>4</sup> Property Code	<sup>5</sup> Property Name Bobcat SWD	<sup>6</sup> Well No 1

**<sup>7</sup> Surface Location**

UL Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	25	25S	36E		740	South	705	East	Lea

**<sup>8</sup> Proposed Bottom Hole Location**

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

**<sup>9</sup> Pool Information**

Pool Name SWD Yates Seven Rivers	Pool Code 96141
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type SWD	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Private	<sup>15</sup> Ground Level Elevation 3,307'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 3,060'	<sup>18</sup> Formation Yates - Seven Rivers	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date ASAP
Depth to Ground water 448	Distance from nearest fresh water well 2 328		Distance to nearest surface water +1 mi	

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

**<sup>21</sup> Proposed Casing and Cement Program**

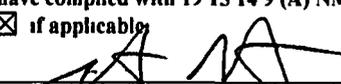
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12 25"	9 625"	36 0 lb/ft	1,325'	485 sks	Surface
Production	8 75"	7 00"	26 0 lb/ft	2,915'	575 sks	Surface
Tubing	N/A	4 50"	9 50 lb/ft	2,815'	N/A	N/A

**Casing/Cement Program Additional Comments**

See attached schematic

**<sup>22</sup> Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Hydraulic/ Blinds, Pipe	2,000 psi	2,000 psi	Schaffer/Cameron

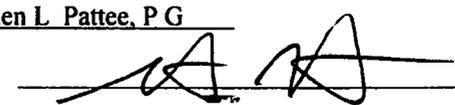
<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief  
 I further certify that I have complied with 19 15 14 9 (A) NMAC  and/or 19 15 14 9 (B) NMAC  if applicable  
 Signature 

Printed name Stephen L. Pattee P G  
 Title Consulting Engineer Agent for OWL SWD Operating LLC  
 E mail Address steve@lonquist.com  
 Date 04/28/2017 Phone 512 600 1774

<b>OIL CONSERVATION DIVISION</b>	
Approved By 	
Title	Expiration Date
Approved Date	Expiration Date
Conditions of Approval Attached	



**APPLICATION FOR AUTHORIZATION TO INJECT**

- I PURPOSE \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance  X  Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval?  X  Yes \_\_\_\_\_ No
- II OPERATOR  OWL SWD Operating, LLC   
ADDRESS  8214 Westchester Drive, Suite 850, Dallas, Texas 75255   
CONTACT PARTY  Preston Carr  PHONE  855 695 7937
- 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  Stephen L Pattee, P G  TITLE  Consulting Engineer – Agent for OWL   
SIGNATURE  DATE  04/28/2017   
E MAIL ADDRESS  steve@lonquist.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 \_\_\_\_\_

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

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



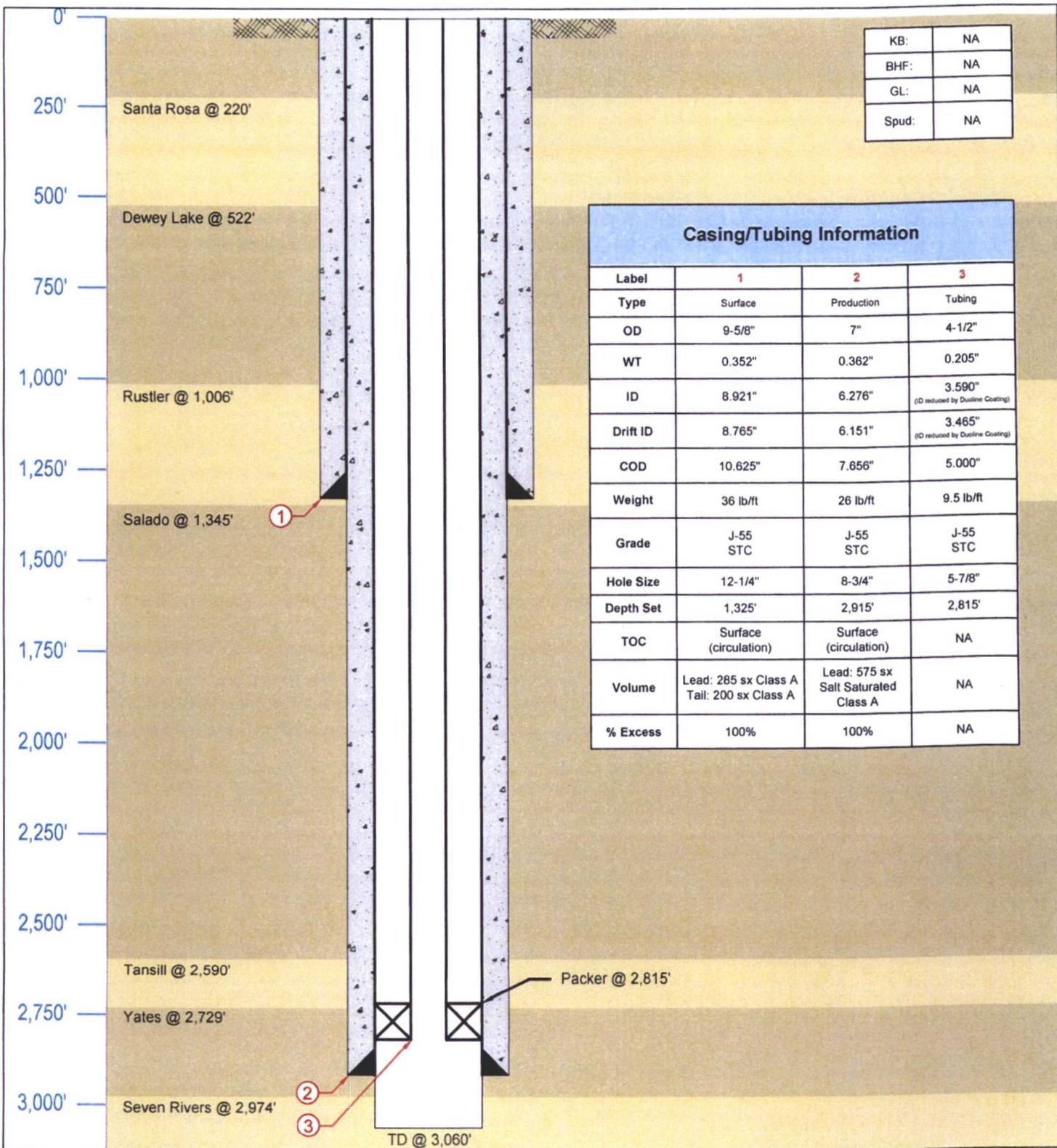
**INJECTION WELL DATA SHEET**Tubing Size 4 50" 9 50 lb/ft J-55 ST&CLining Material DuolineType of Packer 7 0" D&L Oil Tools Permapak Single BorePacker Setting Depth 2,815'

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? \_\_\_\_\_

2 Name of the Injection Formation Yates- Seven Rivers3 Name of Field or Pool (if applicable) SWD, Yates – Seven Rivers (96141)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, this is a new drill5 Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area Tansil @ 2,590'Yates @ 2,729'Seven Rivers @ 2,974'



KB:	NA
BHF:	NA
GL:	NA
Spud:	NA

Casing/Tubing Information			
Label	1	2	3
Type	Surface	Production	Tubing
OD	9-5/8"	7"	4-1/2"
WT	0.352"	0.362"	0.205"
ID	8.921"	6.276"	3.590" <small>(ID reduced by Duoline Coating)</small>
Drift ID	8.765"	6.151"	3.465" <small>(ID reduced by Duoline Coating)</small>
COD	10.625"	7.656"	5.000"
Weight	36 lb/ft	26 lb/ft	9.5 lb/ft
Grade	J-55 STC	J-55 STC	J-55 STC
Hole Size	12-1/4"	8-3/4"	5-7/8"
Depth Set	1,325'	2,915'	2,815'
TOC	Surface (circulation)	Surface (circulation)	NA
Volume	Lead: 285 sx Class A Tail: 200 sx Class A	Lead: 575 sx Salt Saturated Class A	NA
% Excess	100%	100%	NA

	OWL SWD Operating, LLC		Bobcat SWD No. 1	
	Country: USA	State/Province: New Mexico	County/Parish: Lea	
Austin Houston   Wichita Calgary	Location:	Site:	Survey/STR:	
Texas License F-9147	API No:	Field:	Well Type/Status: SWD / New Drill	
3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816	State ID No:	Project No:	Date: 4/27/17	
Rev No: 1	Drawn: WHG	Reviewed: SLP	Approved: SLP	
		Notes:		

**OWL SWD Operating, Inc**

**Bobcat SWD No 1**

**FORM C 108 Supplemental Information**

**III Well Data**

**A Wellbore Information**

**1**

<b>Well information</b>	
<b>Lease Name</b>	Bobcat SWD
<b>Well No</b>	1
<b>Location</b>	S 25 T 25S R 36E
<b>Footage Location</b>	740' FSL & 705' FEL

**2**

**a Wellbore Description**

<b>Casing Information</b>		
<b>Type</b>	<b>Surface</b>	<b>Long String</b>
<b>OD</b>	9 625"	7 0"
<b>WT</b>	0 352"	0 362
<b>ID</b>	8 921	6 276"
<b>Drift ID</b>	8 765'	6 151'
<b>COD</b>	10 625	7 656
<b>Weight</b>	36 0 #/ft	26 0 #/ft
<b>Grade</b>	J 55, ST&C	J 55, ST&C
<b>Hole Size</b>	12 25	8 75'
<b>Depth Set</b>	1 325	2 915'

b Proposed Cementing Program

<b>Cement Information</b>		
<b>Casing String</b>	Surface	Long String
<b>Lead Cement</b>	12.4 lb/gal 2.24 cf/sk	15.6 lb/gal 1.25 cf/sk
<b>Lead Cement Volume</b>	285 sx	575 sx (37.2% Salt Saturated)
<b>Tail Cement</b>	15.6 lb/gal 1.25 cf/sk	N/A
<b>Tail Cement Volume</b>	200 sx	N/A
<b>Method</b>	Circulate to Surface	Circulate to Surface
<b>Cement Excess</b>	100%	10% in casing 100% in hole
<b>TOC</b>	Surface	Surface

3 Tubing Description

<b>Tubing Information</b>	
<b>OD</b>	4.5'
<b>WT</b>	0.205
<b>ID</b>	3.590'
<b>Drift ID</b>	3.465
<b>COD</b>	5.00
<b>Weight</b>	9.5 #/ft
<b>Grade</b>	J 55, ST&C
<b>Depth Set</b>	2.815

Tubing will be lined with Duoline

4 Packer Description

D&L Oil Tools 7.0 Permapack Packer – Single Bore

**B Completion Information**

1 Injection Formation Yates – Seven Rivers

2 Gross Injection Interval 2,915 – 3 060

Completion Type Open Hole

3 Well drilled for injection

4 New drill no prior perforated intervals

5 Oil and Gas Bearing Zones within area of well

Formation	Depth
Tansil	2,590
Yates	2,729
Seven Rivers	2 974'

**VI Area of Review**

A table and map have been attached containing information on wells that are present within the one half mile AOR For each well within the AOR records and schematics demonstrating completion and P&A, where applicable have been attached if available through the New Mexico OCD's website

**VII Proposed Operation Data**

1 Proposed Daily Rate of Fluids to be Injection

Average Volume 25 000 BPD

Maximum Volume 30 000 BPD

2 Closed System

3 Anticipated Injection Pressure

Average Injection Pressure 550 PSI (surface pressure)

Maximum Injection Pressure 580 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 Bone Spring, Devonian and Yates Seven Rivers formations

5 There is historical production from the Yates Seven Rivers formations within one mile of the proposed well location however most of the wells associated with this production have been plugged and abandoned As such, a chemical analysis of disposal zone formation water is not

required. However, an offset Yates Seven Rivers water sample analysis has been attached for record purposes.

### VIII Geological Data

The Yates Formation is a 150 to 200 ft thick siliciclastic unit in the Gaudalupian Artesia Group. The formation is composed of thick sandstone beds interbedded with thin carbonate and evaporites. It is a poorly consolidated, silty, fine-grained rock with porosities ranging from 15 to 28 percent. The Yates is overlain by thick carbonates and evaporites of the Tansil Formation and underlain by carbonates and evaporites of the Seven Rivers Formation.

The Seven Rivers Formation is also a member of the Artesia Group with the Shattuck sandstone member of the Queen at its base and overlain by the Yates Formation. The Seven Rivers Formation is composed of thick carbonate and evaporite beds. Lower porosities are due to the amount of anhydrite and tight carbonate rocks.

Production from these formations has been depleted for decades and they are most likely under pressured. Therefore, they will be able to take water until reaching initial pressure. Through the higher porosities in the injection interval, secondary porosity and an under pressured formation, this injection interval will be able to take disposed water economically.

#### A Injection Zone Yates – Seven Rivers Formation

Formation	Depth
Santa Rosa	220
Dewey Lake	522
Rustler	1,006
Salado	1,345
Tansil	2,590
Yates	2,729
Seven Rivers	2,974

#### B Underground Sources of Drinking Water

The lowermost underground source of drinking water (USDW) is anticipated to be approximately 448' below the surface, and fresh water may be present above the Rustler formation. The top of the Rustler formation is estimated at a depth of 1,006', therefore, the surface casing will be set at 1,325' which is below the Rustler and just above the top of the Salado salt formation (top of Salado @ 1,345').

### 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**

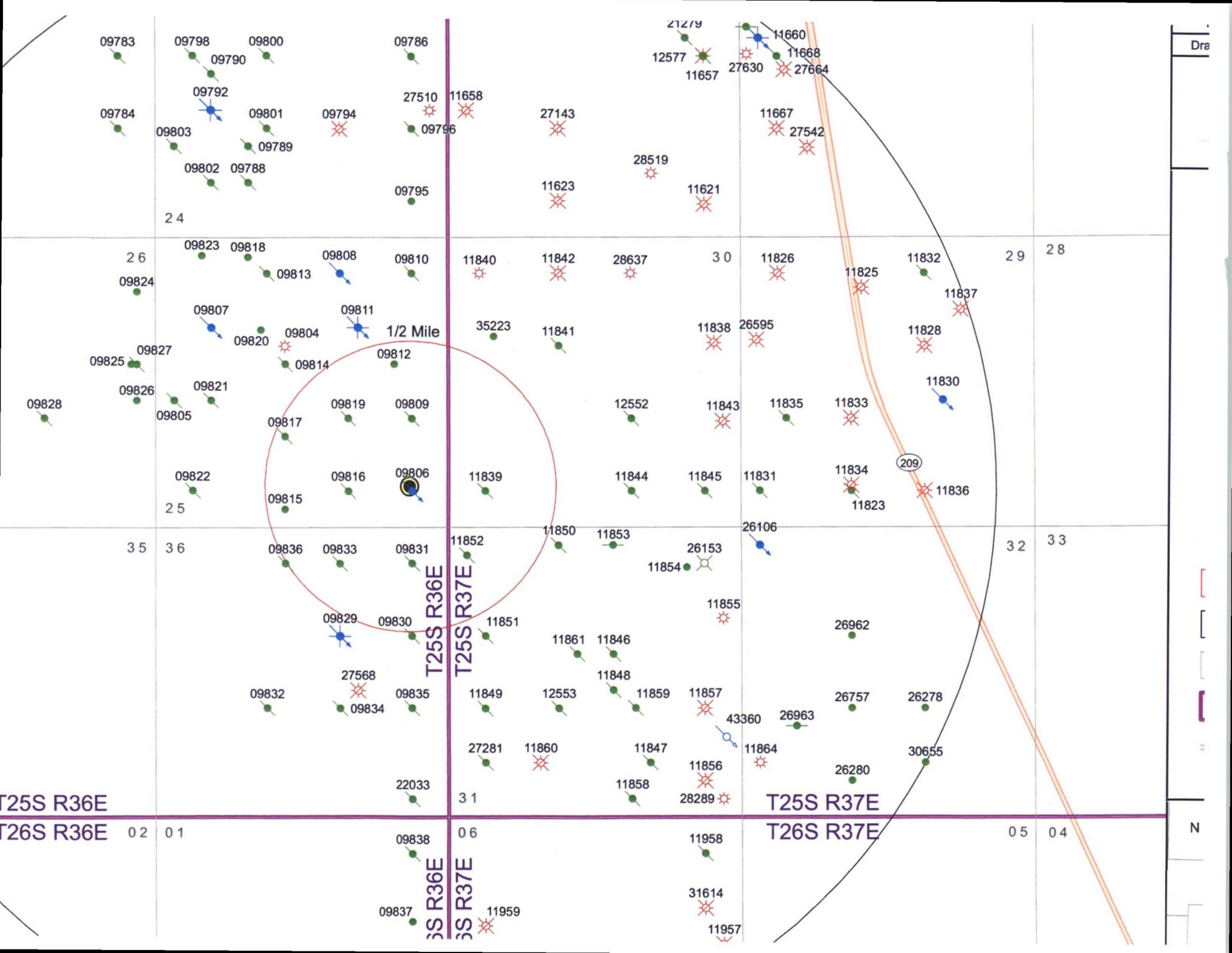
The closest fresh water well (CP 01129 POD2) is located 2 328 from the proposed well location. The well served as a monitoring well for Southern Union Gas Service and is not producing water. POD1 and POD2 both appear to be soil borings only which were plugged upon completion of sampling.

Another well CP 00790 was also found within a 1 mile AOR of the Bobcat SWD No. 1 location. Records indicate that this well ID has been assigned to a well permit which has expired. A diligent attempt to locate and sample these locations will be made with results submitted to the OCD for record purposes.

A map has been attached featuring the proposed well location for Bobcat SWD No. 1 and the location of CP 01129 POD1, CP 01129 POD2, and CP 00790. In addition, the transaction summaries and water right summaries from the New Mexico Office of the State Engineer have been attached for record purposes.

## **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.



Dra

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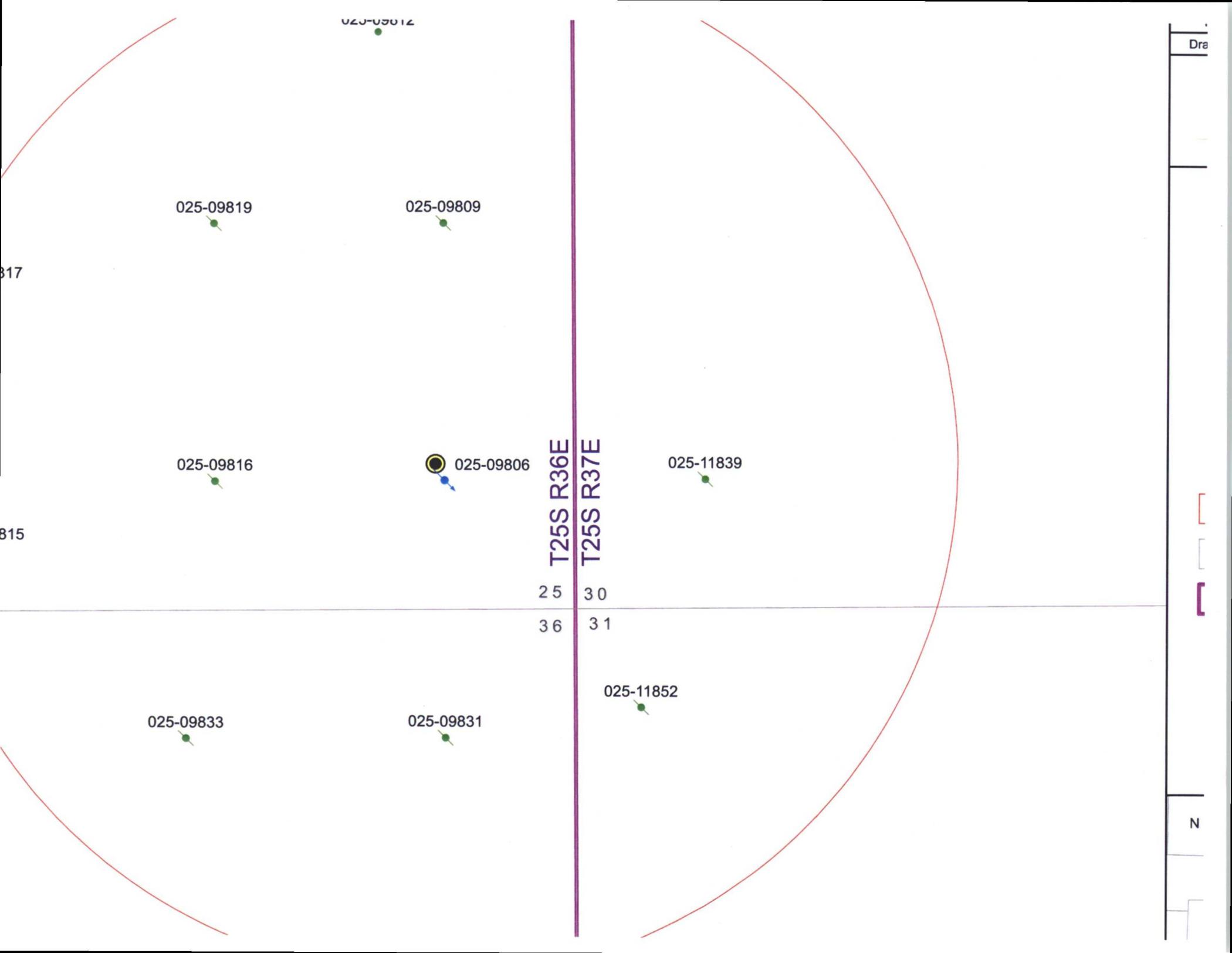
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Half Mile AOR  
Bobcat SWD #1

API (30-025 )	Well Name	Well Type	Status	Operator	TD (TVD)	Location	Date Drilled
09806	MARALO SHOLES B #002	SWD	Active	OWL SWD OPERATING LLC	3055	P 25 25S 36E	5/25/1947
09809	SHOLES B 25 #003	Oil	Plugged	CONOCOPHILLIPS COMPANY	3035	I 25 25S-36E	8/25/1947
09812	SHOLES B 25 #001	Oil	Active	FULFER OIL & CATTLE LLC	2950	H 25 25S 36E	11/5/1940
09815	HUMPHREYS #001	Oil	Active	FULFER OIL & CATTLE LLC	3255	N 25 25S 36E	2/18/1945
09816	SHOLES B #001	Oil	Plugged	MARALO LLC	3220	O 25 25S-36E	7/1/1946
09817	HUMPHREYS #002	Oil	Plugged	MARALO LLC	3257	K 25 25S 36E	5/14/1945
09819	SHOLES B #003	Oil	Plugged	MARALO LLC	3019	J 25 25S 36E	7/6/1947
09831	HUMBLE STATE #003	Oil	Plugged	MARALO LLC	2950	A 36-25S-36E	6/16/1945
09833	PRE-ONGARD WELL #001	Oil	Plugged	PRE ONGARD WELL OPERATOR	3138	B 36 25S-36E	12/9/1944
11839	PRE-ONGARD WELL #001	Oil	Plugged	PRE ONGARD WELL OPERATOR	3125	4-30 25S 37E	7/22/1948
11852	SHOLES B #004	Oil	Plugged	MARALO LLC	3105	1 31 25S-37E	10/9/1947

Fulfer Oil  
& Cattle  
Co., LLC

1/2 Mile

Chevron USA Inc, Conoco  
Inc, Apache Corp,  
ZPZ Delaware I LLC

T25S R36E  
T25S R37E



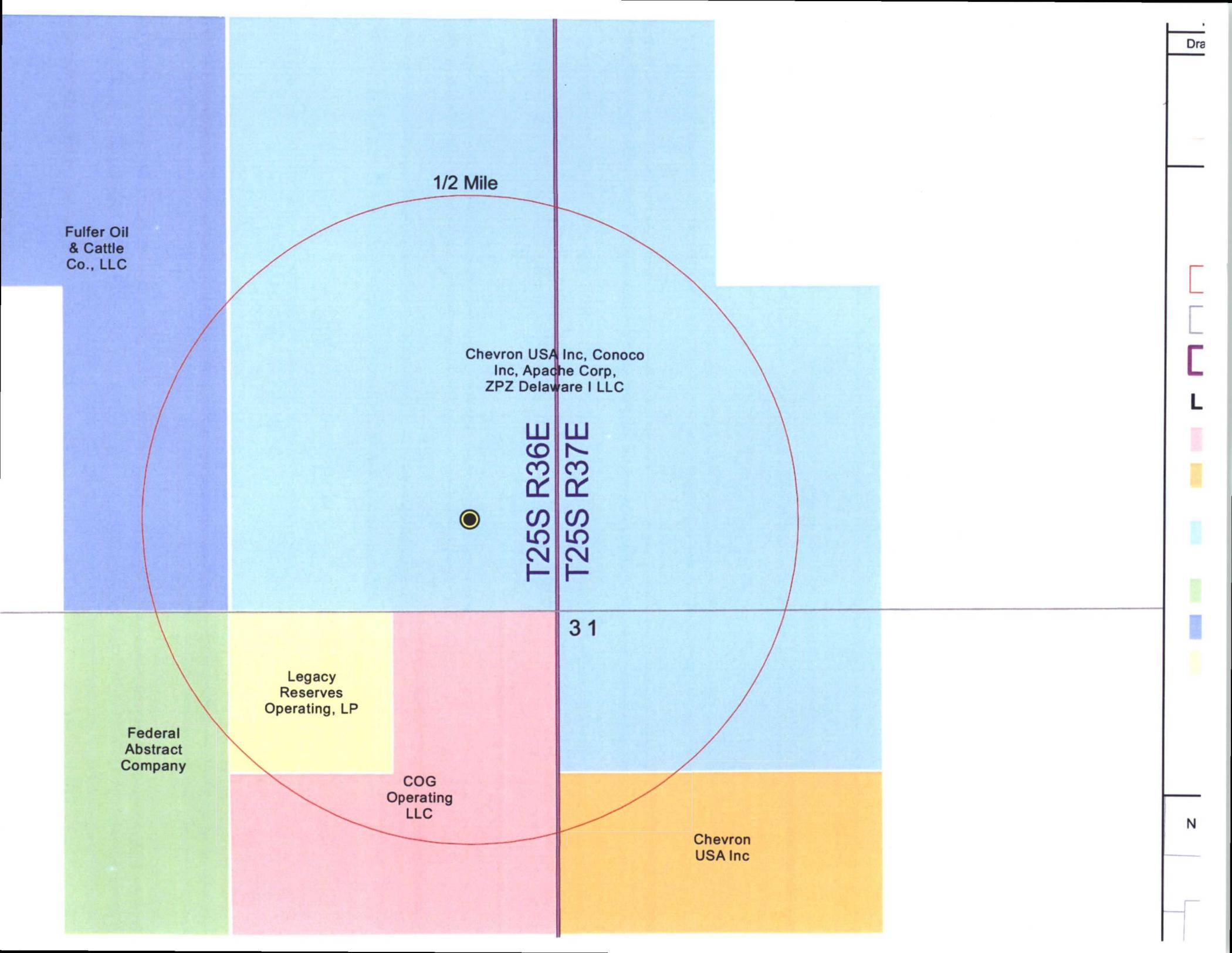
31

Legacy  
Reserves  
Operating, LP

Federal  
Abstract  
Company

COG  
Operating  
LLC

Chevron  
USA Inc



**Notification Submittals**

The following is a list of off set operators and surface landowner to be noticed regarding this application

Notices will be issued on Monday May 1 2017 An affidavit of notice submittals and proofs of certified mail will be submitted to the OCD under separate cover

<b>Bobcat SWD No 1 Notice List</b>				
<b>Notice</b>	<b>Contact</b>	<b>Address</b>		<b>Phone Number</b>
Apache Corp		2000 POST OAK BLVD STE 100	HOUSTON TX 77056	
Chevron USA Inc		6301 DEAUVILLE	MIDLAND TX 79706	
COG Operating LLC	Kanicia Castillo	600 W Illinois Ave	Midland TX 79701	432 685-4332
CONOCOPHILLIPS CO		PO BOX 7500	BARTLESVILLE OK 74005	
Federal Abstract Company		P O Box 2288	Santa Fe NM 87501	505 982 5537
Fulfer Oil & Cattle Co LLC	Gregg Fulfer	PO BOX 1224	JAL NM 88252	
Legacy Reserves Operating LP	John Eklund	P O Box 10848	Midland TX 79702	432 221 6370
ZPZ Delaware I LLC		2000 POST OAK BLVD STE 100	HOUSTON TX 77056	

**LEGAL NOTICE**  
**May 3 2017**

OWL SWD Operating LLC  
8214 Westchester Dr Suite  
850 Dallas Texas 75255 is  
filling Form C 108  
(Application for Authorization  
to Inject) with the New  
Mexico Oil Conservation  
Division for administrative  
approval for its salt water  
disposal well Bobcat SWD  
No 1 The proposed well will  
be located 740 FSL & 705  
FEL in Section 25 Township  
25S Range 36E in Lea  
County New Mexico  
Disposal water will be  
sourced from area  
production and will be  
injected into the Yates and  
Seven Rivers Formations  
(determined by offset log  
analysis) through an open  
hole completion between a  
maximum applied for top of  
2 915 to a maximum depth  
of 3 060 The maximum  
surface injection pressure  
will be 580 psi with a  
maximum rate of 30 000  
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) 600-1774  
#31750

29

CP-00638

CP-00774

N

30

CP-00790

NAD 1983  
Lat: 32.106713  
Long: -103.204023

T25S R36E  
T25S R37E



2.328 ft

CP-01129-POD2

NAD 1983  
Lat: 32.090551  
Long: -103.20888

CP-01129-POD1

NAD 1983  
Lat: 32.089162  
Long: -103.209157

31 32



General Information About: Sample 4061			
ASCARTA FEDERAL			
API	300250979	Sample Number	
Unit/Section/ Township/Range	C 2 25S / 36E	Field	JALMAT
County	IL	Formation	ARTESIA
State	NM	Depth	
Lat/Long	32 2204 03.2 968	Sample Source	DST
TDS (mg/L)	35753	Water Type	
Sample Date(MM/DD/YYYY)		Analy Date(MM/DD/YYYY)	
Remark /Description			
	Cation Information (mg/L)		Anion Information (mg/L)
Potassium (K)		Sulfate (SO <sub>4</sub> )	3100
Sodium (Na)		Chloride (Cl)	8400
Calcium (Ca)		Carbonate (CO <sub>3</sub> )	
Magnesium (Mg)		Bicarbonate (HCO <sub>3</sub> )	1220
Barium (Ba)		Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H <sub>2</sub> S)	
Strontium (Sr)		Carbon Dioxide (CO <sub>2</sub> )	
Iron (Fe)		Oxygen (O)	

7015 1520 0002 7382 7653

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Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

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Sent To \$ \_\_\_\_\_

Street \$ \_\_\_\_\_

City \$ \_\_\_\_\_

Postmark Here

ZPZ Delaware I, LLC  
2000 Post Oak Blvd Suite 100  
Houston, Texas 77056

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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City \$ \_\_\_\_\_

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MAILED 5/1/2017

New Mexico Energy Mineral & Natural Resources Dept Oil Conservation Division, District 1  
1625 North French Drive  
Hobbs New Mexico 88240

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Postage \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

Sent To \$ \_\_\_\_\_

Street \$ \_\_\_\_\_

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Fulfer Oil & Cattle Co LLC  
Attn Gregg Fulfer  
P O Box 1224  
Jal New Mexico 88252

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Sent To \$ \_\_\_\_\_

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Postmark Here

Legacy Reserve Operating LP  
Attn John Eklund  
P O Box 10848  
Midland Texas 79702

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Total \$ \_\_\_\_\_

Sent To \$ \_\_\_\_\_

Street and Apt \$ \_\_\_\_\_

City State Zip \$ \_\_\_\_\_

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Apache Corp  
2000 Post Oak Blvd, Suite 100  
Houston Texas 77056

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Sent To \$ \_\_\_\_\_

Street and Apt \$ \_\_\_\_\_

City State Zip \$ \_\_\_\_\_

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Chevron USA Inc  
6301 Deauville  
Midland Texas 79706

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Federal Abstract Company  
P O Box 2288  
Santa Fe, New Mexico 87501

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Street #

City St

COG Operating LLC  
Attn Kanicia Castillo  
600 W Illinois Avenue  
Midland Texas 79701

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Sent To

Street #

City St

Conoco Phillips Co  
P O Box 7500  
Bartlesville Oklahoma 74005

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