

8/15/2016 DATE IN	SUSPENSE	ENGINEER <i>PRG</i>	LOGGED IN <i>8/15/2016</i>	TYPE <i>SWD</i>	APP NO. pPRG1623039612
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify See SWD-1607 - Relocation of well
- [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.

Riley Neatherlin	See Cover Letter	Agent for Mesquite	8/16/2016
Print or Type Name	Signature	Title	Date
		<u>rgneatherlin@gmail.com</u>	
		e-mail Address	

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ **X** _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: MESQUITE SWD INC.
ADDRESS: PO BOX 1479 CARLSBAD NM, 88221
CONTACT PARTY: RILEY G. NEATHERLIN PHONE: (575)-706-7288
- 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: RILEY G NEATHERLIN TITLE: PRODUCTION FOREMAN

SIGNATURE: _____ DATE: _____

E-MAIL ADDRESS: RGNEATHERLIN@GMAIL.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: **11/18/15 Filled by Mewbourne Oil Co. Approved order SWD-1607**

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.

Mesquite SWD

PO BOX 1479,

CARLSBAD NM 88221

AUGUST, 16 2016

To Whom It May Concern:

Mesquite SWD is seeking approval for a C-108 authorization to inject in the Paduca 6 SWD # 001Y, API# 30-025-43379, located in Section 6, T26S-R32E, 2650' FSL & 1175' FWL in Lea county. This application is a resubmittal of a C-108 that Mewbourne Oil Company applied for and received an approved order SWD-1607. The original well was the Paduca 6 SWD #001, API# 30-025-43277, Section 6, T26S-R32E, 2650' FSL & 1220' FWL. The original well was spudded on 7/20/16. Due to complications on the surface with running casing, the original well bore was plugged and the rig was skid 45' to the west.

Original Well Info: Paduca 6 SWD #001, API-30-025-43277, S6-T26S-R32E, 2650' FSL & 1220' FWL, Lea co. Approved SWD order, SWD-1607

New Well Info: Paduca 6 SWD #001Y, API-30-025-43379, S6-T26S-R32E, 2650' FSL & 1175' FWL, Lea co.

The Paduca 6 SWD #001Y was spudded on 8/1/16, with approval from Maxey Brown in the Hobbs Field Office.

This new application referencing order SWD-1607 does not require any new notifications. The AOR for land owners and wells penetrating the Devonian formation does not change with the movement of the well 45' to the west.

The only changes that will be made to the original application have already been approved by the Hobbs field office.

These changes included:

Extending casing depths to eliminate the 5 ½" liner ✓

Running a full string of 4 ½" injection tubing ✓

Listing the disposal for commercial use ✓

Daily maximum injection rate to be at 45,000 BWPD ✓

Thank You For Your Time



Riley G. Neatherlin

Production Foreman

Mesquite SWD INC.

Rgneatherlin@gmail.com, (575)-706-7288

INJECTION WELL DATA SHEET

OPERATOR: MESQUITE SWD INC.

WELL NAME & NUMBER: PADUCA 6 SWD #1Y

WELL LOCATION: 2650 FSL & 1175 FWL L 6 26S 32E
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC SEE ATTACHED

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **26"** Casing Size: **20" @ 950'**

Cemented with: **+/-1775sx** Top of Cement: **SURFACE**

Method Determined: **CIRC/VISUAL**

Intermediate Casing

Hole Size: **17.5"** Casing Size: **13 3/8" @ 4500'**

Cemented with: **+/- 1800sx** Top of Cement: **SURFACE**

Method Determined: **CIRC/VISUAL**

Intermediate Casing

Hole Size: **12.25"** Casing Size: **9 5/8" @ 12,300'**

Cemented with: **+/- 2300sx DV TOOL @ 4550'**

Top of Cement: **SURFACE**

Method Determined: **CIRC/VISUAL**

Liner

Liner increased
- remove tapered
tubing condition *gll*

Hole Size: **8 1/2"** Casing Size: **7 5/8" Liner**
FROM 12,000'-17,200'

Cemented with: **+/- 405sx**

Top of Cement: **12,000'**

Method Determined: **CBL/CIRC OFF TOOL**

Injection Interval

OPEN HOLE :17,200'-19,250'

INJECTION WELL DATA SHEET

Tubing Size: **4.5" 15.1#** Lining Material: **DUOLINE**

Type of Packer: **PERMANENT/INCOLOY 925**

Packer Setting Depth: **WITHIN 50' OF 7 5/8" LINE APPROX 17,000'**

Other Type of Tubing/Casing Seal (if applicable): **N/A**

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: **DEVONIAN**

3. Name of Field or Pool (if applicable): ~~**[97775] SWD; DEV-FUS-MON-SIMP-ELL**~~

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**

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

Overlying Producing Zones- **Avalon Shale: 8,435-9,285'**
2nd Bone Spring Sand: 9,600'-10,550'
Wolfcamp Shale: 11,225'-13,600'

Underlying Producing Zones- **NONE**

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., 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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-43379	Pool Code 96101	Pool Name SWD;DEVONIAN
Property Code 316377	Property Name PADUCA 6Y SWD	Well Number 1
OGRID No. 161968	Operator Name MESQUITE SWD	Elevation 3285.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E 2	6	26-S	32-E		2650	SOUTH	1175	WEST	LEA

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

LOT 1 40.73 Ac	LOT 3 40.71 Ac	LOT 2 40.72 Ac	LOT 1 40.74 Ac
LOT 2 40.67 Ac			
1175'	S.L.		
LOT 3 40.84 Ac	NAD 27 SURFACE LOCATION Y=390473.6 N X=690364.8 E LAT.=32.072037° N LONG.=103.718767° W		
2650'			
LOT 4 41.12 Ac			

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____


SURVEYOR CERTIFICATION

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.

JULY 29, 2016

Date of Survey _____

Signature & Seal of Professional Surveyor



7/29/16

Certificate No. CHAD HARCROW 17777

W.O. # 16-616 DRAWN BY: AM

Goetze, Phillip, EMNRD

From: Riley Neatherlin <rgneatherlin@gmail.com>
Sent: Friday, August 12, 2016 3:42 PM
To: Goetze, Phillip, EMNRD
Subject: C-108 For Paduca 6 #1Y Mesquite SWD
Attachments: OCD letter for repermit of paduca 6.pdf; C-108 Application.pdf; Approved C-102pdf.pdf

Phillip,

Here is the letter stating our need to re apply for an approved C-108 due to having to skid the rig.

Thanks
Riley Neatherlin

Inactive Well List

Total Well Count: 15 Inactive Well Count: 2

Printed On: Wednesday, August 17 2016

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
2	30-015-25697	BRAN SWD #001	P-11-24S-31E	P	161968	MESQUITE SWD, INC	F	S	07/2014	SEE COMMENTS BELL CYN- CHERRY CYN		
2	30-015-29602	HEAVY METAL 12 FEDERAL #001	K-12-24S-31E	K	161968	MESQUITE SWD, INC	F	S	07/2014	CONVERTED TO SWD-1269		

WHERE Ogrid:161968, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

Inactive Well Additional Financial Assurance Report

161968 MESQUITE SWD, INC

Total Well Count: 15

Printed On: Wednesday, August 17 2016

Property	Well Name	Lease Type	ULSTR	OCD Unit Letter	API	Well Type	Last Prod/Inj	Inactive Additional Bond Due	Measured Depth	Required Bond Amount	Bond Required Now	Covered By Blanket TA Bond	Bond in Place	In Violation
38571	BIG EDDY SWD #001	F	P-03-20S-31E	P	30-015-05819	S	07/2016		14205				0	
315072	BLUE QUAIL SWD FEDERAL #001	F	F-11-25S-32E	F	30-025-42717	S	07/2016		Unknown				0	
39091	BRAN SWD #001	F	P-11-24S-31E	P	30-015-25697	S	07/2014		6794				0	
39602	CAGNEY 28 FEDERAL #001	F	P-28-17S-30E	P	30-015-35249	S	07/2016		11756				0	
40322	COTTON DRAW SWD #066	F	E-10-25S-32E	E	30-025-22024	S	07/2016		15769				0	
38766	HEAVY METAL 12 FEDERAL #001	F	K-12-24S-31E	K	30-015-29602	S	07/2014		8554				0	
307132	HOBBS STATE #003	S	B-29-18S-38E	B	30-025-23621	S	01/2010	02/01/2012	6083	11083	Y		11083	
301620	KAISER STATE #044	S	F-13-21S-34E	F	30-025-32741	O	03/2006	04/01/2008	4190	9190	Y		9190	
316377	PADUCA 6 SWD #001	P	3-06-26S-32E	L	30-025-43277	S			960				0	
	PADUCA 6 SWD #001Y	P	2-06-26S-32E	E	30-025-43379	S			Unknown				0	
39498	PADUCA FEDERAL SWD #002	F	O-22-25S-32E	O	30-025-40813	S	07/2016		Unknown				0	
	PADUCA FEDERAL SWD #003Y	F	C-23-25S-32E	C	30-025-42258	S	07/2016		Unknown				0	
38668	PADUCA SWD #001	F	H-22-25S-32E	H	30-025-27616	S	07/2016		15850				0	
309592	SAND HILLS SWD #001	F	O-31-17S-30E	O	30-015-29104	S	07/2016		13600				0	
309620	WEST JAL DISPOSAL #001	P	G-10-25S-36E	G	30-025-26676	S	07/2016	08/01/2018	9550	14550			0	

WHERE Ogrid:161968