

Mesquite SWD, Inc.

Paduca 6 SWD No. 1Y: Current Wellbore Schematic

Surface Location: 2650' FSL & 1175' FWL (Lot 3/Unit L) 6-26S-32E

BHL: 2662' FNL & 1327' FWL (Lot 2/Unit E) 6-26S-32E

Surface Casing:

Hole Size: 26"
Size: 20" 94# K-55
Set @: 950'
Sx. Cmt: 1730
TOC: Surface

1st Int. Casing:

Hole Size: 17 1/2"
Size: 13.375" 68# N-80
Set @: 4,329'
Sx. Cmt: 2,570
TOC: Surface

2nd Int. Casing:

Hole Size: 12.25"
Size: 9.625" 53.5# P-110
Set @: 11,930'
DV Tools @ 8,032' & 4,250'
Sx. Cmt. 2,860
TOC: Surface

Set Cmt. Retainer @ 11,668'
w/50 Sx. Cmt on Top

11,720' (Liner Top)
11,930'

Drilled 8 1/2" Hole & TD @
17,278'. Ran 7 5/8" 47.1#
TSLX FJ Liner. Liner became
stuck. Unable to pull liner
and unable to pump through
it. Left liner in hole
11,720'-17,278'

Set 50 Sx. Cmt. Plug @ 17,252'

17,278'

17,310'

Propose to run 5 1/2" 20# P-110 tubing
from 10,165'-17,260' and 7" 26# P-110
tubing from surface to 10,165'. Set Packer
@ 17,260'

Milled window in casing from 11,605'-11,627' and
sidetracked 8 1/2" Hole.

TD'd 8 1/2" Hole @ 17,310'

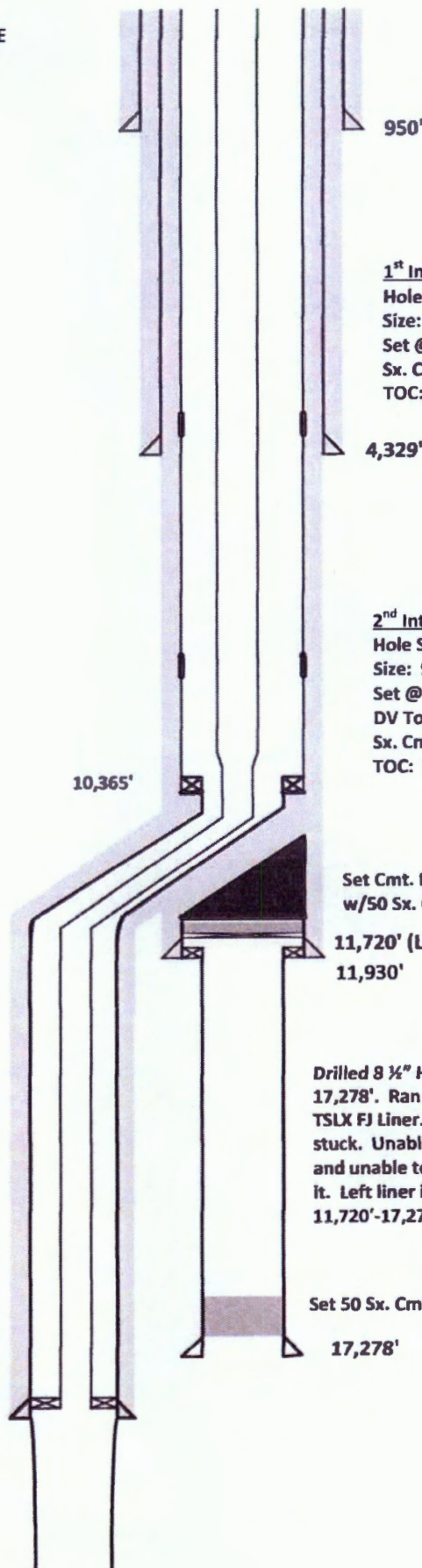
Ran 7 5/8" 39# Q-125 Liner from
10,365'-17,310' and cemented w/2120
Sx.

TD'd 6 1/2" Hole @ 18,881'

Open Hole Injection Interval

Interval: 17,310'- 18,881'

T.D. 18,881'



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6181 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

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	Pool Code	Pool Name
Property Code	Property Name PADUCA 6Y SWD	Well Number 1
OGRID No.	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
3	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
2	6	26-S	32-E		2662	NORTH	1327	WEST	LEA
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>LOT 1 40.73 Ac</p> <p>LOT 2 40.67 Ac</p> <p>LOT 3 40.84 Ac</p> <p>LOT 4 41.12 Ac</p> <p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=390558.3 N X=731702.6 E LAT.=32.072234° N LONG.=103.718752° W</p> <p>NAD 83 SURFACE LOCATION Y=390531.2 N X=731551.2 E LAT.=32.072162° N LONG.=103.719241° W</p> <p>GRID AZ - 79°50'41" HORZ. DIST. - 153.9'</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>SURVEYOR CERTIFICATION</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>JULY 29, 2016</p> <p>Date of Survey _____</p> <p>Signature & Seal of Professional Surveyor</p> <p> Chad L. Harcrow 4/15/19 Certificate No. CHAD HARCROW 17777 W.O. # 19-658 DRAWN BY: WN</p>
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State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Tony Delfin
Acting Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



Administrative Order SWD-1607-A
August 17, 2016

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Pursuant to the provisions of Division Rule 19.15.26.8(B) NMAC, Mesquite SWD Inc. (the "Operator") seeks an administrative order to authorize the Paduca 6 SWD Well No. 1Y located 2650 feet from the South line and 1175 feet from the West line, Lot 2 of Section 6, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico, for commercial disposal of produced water.

This order was issued due to the relocation of the original proposed well that encountered completion problems and had to be abandoned. This order supersedes administrative order SWD-1607 issued on December 30, 2015, for the Paduca 6 SWD Well No. 1 (API 30-025-43277; located 2650 feet from the South line and 1220 feet from the West line, Lot 3 of Section 6, Township 26 South, Range 32 East, NMPM).

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 19.15.26.8(B) NMAC. The relocation of the proposed well does not change the notice of affected parties provided for the original application; therefore, no additional notice is required. 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, Mesquite SWD Incorporated (OGRID 1261968), is hereby authorized to utilize its Paduca 6 SWD Well No. 1Y (API 30-025-43379) located 2650 feet from the South line and 1175 feet from the West line, Lot 2 of Section 6, Township 26 South, Range 32 East, NMPM, Lea County, for commercial disposal of oil field produced water (UIC Class II only) through an open-hole interval within Devonian and Silurian-aged rocks from approximately 17200 feet to approximately 19290 feet below surface. Injection shall occur through 4½-inch or smaller internally-coated tubing and a packer set a maximum of 100 feet above the top of the open-hole interval.

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. The operator shall provide logs and a mudlog over the proposed interval which verify that only the permitted interval is completed for disposal.

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 completion and construction of the well as proposed in the application and, if necessary, as modified by the District Supervisor.

Prior to commencing disposal, the operator shall submit to the Division's District geologist and Santa Fe Bureau Engineering office, evidence showing 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.

Prior to commencing disposal, the operator shall supply the Division with a copy of a mudlog over the permitted disposal interval and an estimated insitu water salinity based on open-hole logs. If significant hydrocarbon shows occur while drilling, the operator shall notify the Division's District I and the operator shall be required to receive written permission to commence disposal.

The operator shall run a CBL (or equivalent) across the 7 $\frac{7}{8}$ -inch liner through both the 7 $\frac{7}{8}$ -inch liner and the 9 $\frac{5}{8}$ -inch casing to the surface to demonstrate a good cement bond between the liners and 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 19.15.26.11(A) 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 3440 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 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 I 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 I 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 injection well that will be transferred prior to approving transfer of authority to inject.

The Division may revoke this injection order 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/prg

cc: Oil Conservation Division – Hobbs District Office
Well file 30-025-43379

Kay C. Havenor

Ph.D., Registered Geologist Arizona #30438
Certified Professional Geologist

Environmental - Hydrogeology
Remote Sensing - Resources

Office: 505-624-4518

e-mail kay.havenor@gmail.com
904 Moore Avenue
Roswell, New Mexico 88201

June 1, 2017

Mr. Michael A. McMillan
Engineering Bureau NM OCD
1220 South St. Francis Drive
Santa Fe, NM 87505

Mr. McMillan,

The Mesquite SWD, Inc Paduca 6 SWD #1Y, SWD-1607, Lot 2, Sec. 6, T26S-R32E, Lea Co., API 30-025-43379 TD 18,881' (by Driller) penetrated 27' of upper-most Montoya. The mud-log sample descriptions, hydrocarbon detection, depth and drill-rate, in my opinion, indicate the Montoya is dense bedded dolomite with one thin layer of limestone that collectively will not accept nor yield fluid.

Respectfully submitted,

Kay Havenor

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-43379
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator MESQUITE SWD, INC.		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 1479 CARLSBAD NM 88220		7. Lease Name or Unit Agreement Name PADUCA 6 SWD
4. Well Location Unit Letter E - Lot 2 ; 2650 feet from the SOUTH line and 1175 feet from the WEST line Section 6 Township 26S Range 32E NMPM LEA County		8. Well Number 1Y
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3285' GR		9. OGRID Number 161968
		10. Pool name or Wildcat [96101] SWD; DEVONIAN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☒ Change Tubing Size

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mesquite SWD, Inc. requests permission to run a 7" x 5 1/2" tapered tubing string. We propose to run 7" tubing inside the surface and intermediate casing and 5 1/2" tubing inside the liner.
Order SWD-1607-A authorizes the use of 4 1/2" tubing.

Denied
SWD-1607-A
authorizes 4 1/2" or smaller tubing

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Melanie J. Wilson TITLE Regulatory Analyst DATE 04/04/2019

Type or print name Melanie J. Wilson E-mail address: mjp1692@gmail.com PHONE: 575-914-1461
For State Use Only

APPROVED BY: [Signature] TITLE Regulatory Analyst DATE 04/25/19
Conditions of Approval (if any): Denied

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-105
Revised August 1, 2011

1. WELL API NO.

30-025-43379

2. Type of Lease

☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)

☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

MESQUITE SWD, INC.

10. Address of Operator

PO BOX 1479
CARLSBAD NM 88221

5. Lease Name or Unit Agreement Name

PADUCA 6 SWD

6. Well Number:

1Y

9. OGRID

161968

11. Pool name or Wildcat

[96101] SWD;DEVONIAN

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	6	26S	32E	2	2650	S	1175	W	LEA
BH:										

13. Date Spudded 08/01/2016	14. Date T.D. Reached 03/04/2017	15. Date Rig Released 04/11/2017	16. Date Completed (Ready to Produce) 04/09/2017	17. Elevations (DF and RKB, RT, GR, etc.) 3285' GR
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18. Total Measured Depth of Well 18881'	19. Plug Back Measured Depth 18881'	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run Comp GR/Borehole Profile/CBL
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22. Producing Interval(s), of this completion - Top, Bottom, Name

17310' - 18881' (OH) Devonian

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	950'	26"	1730 sx	0
13 3/8"	68#	4329'	17 1/2"	2570 sx	0
*9 5/8"	53.5#	11930'	12 1/4"	2860 sx	0

*Cmt retainer set @ 11668' w/50 sx cmt on top. Milled window 11605-11627', Drid out w/ 8 1/2" bit to 17310'. Drid 6 1/2" hole to 18881'. TD.

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
7 5/8"	10365'	17310'	2120 sx		4 1/2"	17329'	17284'
					5 1/2"	9926'	

26. Perforation record (interval, size, and number)

17310' - 18881' Open Hole

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

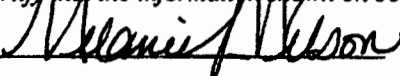
33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature 

Printed Name Melanie J. Wilson

Title Regulatory Analyst

Date 05/15/2017

E-mail Address mjp1692@gmail.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn A"	
T. Salt	T. Strawn	14056'	T. Kirtland	T. Penn. "B"	
B. Salt	T. Atoka	14191'	T. Fruitland	T. Penn. "C"	
T. Yates	T. Miss	16860'	T. Pictured Cliffs	T. Penn. "D"	
T. 7 Rivers	T. Devonian	17302'	T. Cliff House	T. Leadville	
T. Queen	T. Silurian		T. Menefee	T. Madison	
T. Grayburg	T. Montoya	18854'	T. Point Lookout	T. Elbert	
T. San Andres	T. Simpson		T. Mancos	T. McCracken	
T. Glorieta	T. McKee		T. Gallup	T. Ignacio Otzte	
T. Paddock	T. Ellenburger		Base Greenhorn	T. Granite	
T. Blinebry	T. Gr. Wash		T. Dakota		
T. Tubb	T. Delaware Sand		T. Morrison		
T. Drinkard	T. Bone Springs	9416'	T. Todilto		
T. Abo	T. Morrow	14956'	T. Entrada		
T. Wolfcamp	T. Barnett	16342'	T. Wingate		
T. Penn			T. Chinle		
T. Cisco (Bough C)			T. Permian		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Goetze, Phillip, EMNRD

From: David Catanach <catanach_david@comcast.net>
Sent: Friday, May 3, 2019 6:56 AM
To: McMillan, Michael, EMNRD
Cc: Goetze, Phillip, EMNRD
Subject: [EXT] Affidavit of Publication
Attachments: Affidavit of Publication.pdf

Good Morning Michael,

Attached is the Affidavit of Publication for the Mesquite SWD, Inc., Paduca 6 SWD No. 1Y that was filed with the OCD on April 29th. As you may recall at the time of filing, I provided to you proof of publication obtained from the New Mexico Public Notice website.

If additional information is required, please let me know.

Thanks,
David Catanach
Agent-Mesquite SWD, Inc.

Sent from Mail for Windows 10

Goetze, Phillip, EMNRD

From: David Catanach <catanach_david@comcast.net>
Sent: Wednesday, May 15, 2019 2:52 PM
To: Goetze, Phillip, EMNRD
Cc: Valentine, Velvet, EMNRD; Wade, Gabriel, EMNRD
Subject: [EXT] Request for Meeting

Mr. Goetze,

I would like to schedule a meeting with you in the next day or two to discuss two of Mesquite SWD, Inc.'s pending applications.

These are the Paduca 6 SWD No. 1Y and the Lakeside 20702 SWD No. 1. The former is a request to amend Order No. SWD-1607-A, including a request to install larger tubing in the well, and the later is simply a request to install larger tubing in the well.

The Paduca 6 SWD No. 1Y application was filed on 4/29/19, so the 15-day waiting period appears to have run its course. Since Mesquite is now working on the well to fix a packer issue, it would be very beneficial to obtain authority to run the larger tubing while the rig is still on the well.

The Lakeside 20702 SWD No. 1 application was filed on 4/2/19, and since no notice was required, this application should also be able to be approved at this point in time.

Please let me know at your earliest convenience your availability to meet to discuss these very important applications.

Thanks,
David Catanach
Agent for Mesquite SWD, Inc.
(505) 690-9453


Sent from Mail for Windows 10

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

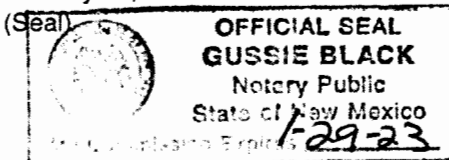
Beginning with the issue dated
April 27, 2019
and ending with the issue dated
April 27, 2019.


Publisher

Sworn and subscribed to before me this
27th day of April 2019.


Business Manager

My commission expires
January 29, 2023



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

LEGAL

LEGAL

LEGAL NOTICE
APRIL 27, 2019

Mesquite SWD, Inc. ("Mesquite") P.O. Box 1479, Carlsbad, New Mexico 88221-1479, is filing an Amended Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division ("Division") seeking to amend Administrative Order SWD-1607-A, which order authorized Mesquite to utilize its Paduca 6 SWD Well No. 1Y, located 2650 feet from the South line and 1175 feet from the West line (Lot 3/Unit L) of Section 6, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico, as a produced water disposal well, injection to occur into the Devonian and Silurian formations through the open-hole interval from approximately 17,200 feet to 19,290 feet.

Mesquite proposes to amend Order SWD-1607-A with regards to the Paduca 6 SWD No. 1Y by authorizing sidetrack and subsequent drilling and completion operations, granting authorization to utilize a 7" x 5 1/2" tapered tubing string in the well and granting authorization to inject into the subject well at a new bottom hole location 2662 feet from the North line and 1327 feet from the West line (Lot 2/Unit E) of Section 6, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico.

Produced water from the Bone Spring, Wolfcamp and other formations originating from wells in this area are being injected into the Paduca 6 SWD No. 1Y at average and maximum rates of 30,000 and 45,000 barrels of water per day, respectively. The surface injection pressure for the well is currently at or below 3,440 psi, in compliance with Division regulations. The maximum surface injection pressure will be determined by step rate injection test.

Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication.

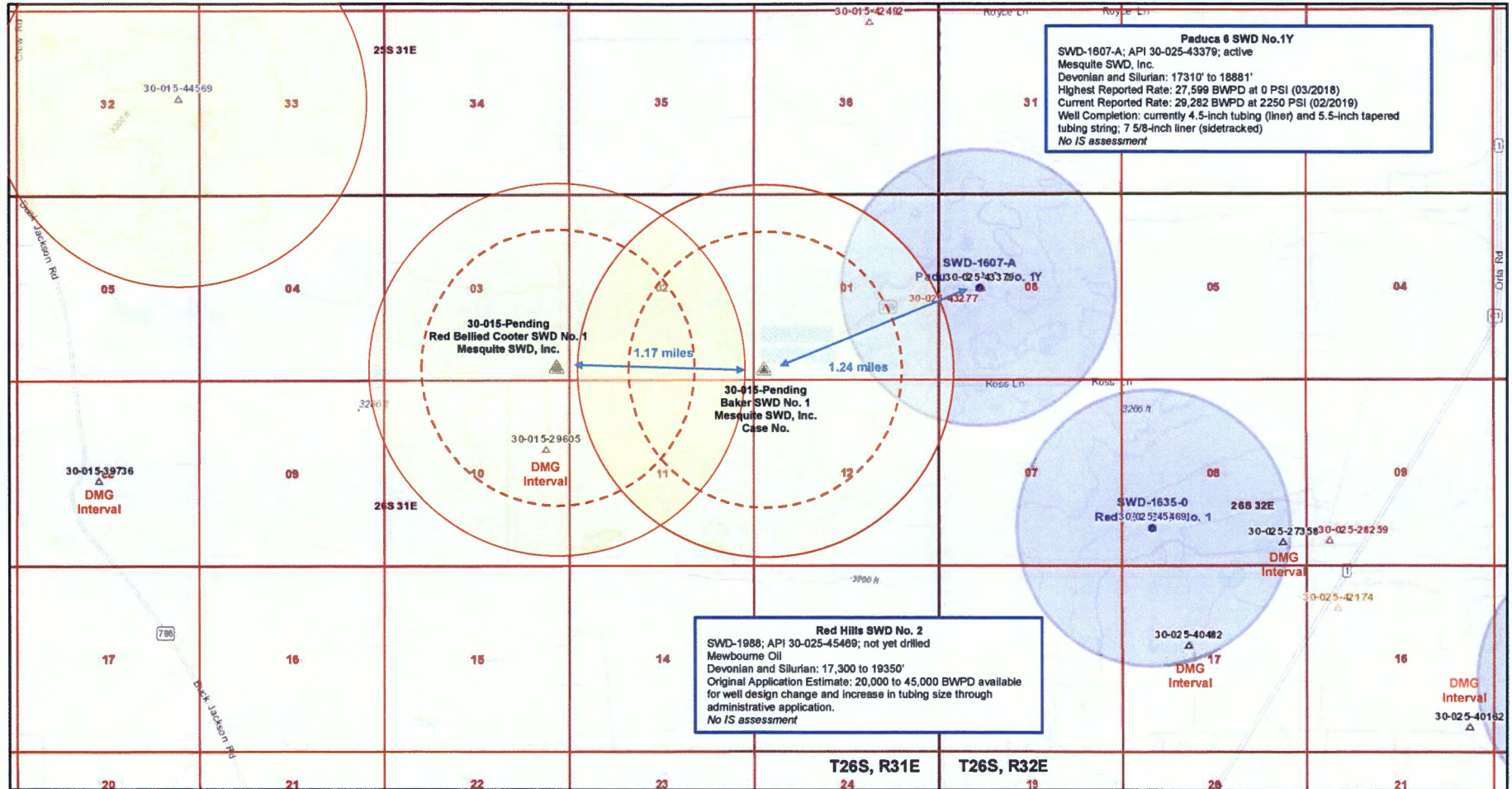
Additional information can be obtained by contacting Ms. Melanie Wilson-Regulatory Analyst-Mesquite SWD, Inc. at (575) 914-1461 or Mr. David Catanach-Agent for Mesquite SWD, Inc. at (505) 690-9453. #34086

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DAVID CATANACH
REGULATORY CONSULTANT
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SANTA FE, NM 87507

**Pending Application for High-Volume Devonian Disposal Well
C-108 Application for the Baker SWD Well No. 1 – Mesquite SWD, Inc.**



Baker SWD No. 1; Mesquite SWD, Inc.

API 30-015-Pending; Application No. pMAM1827553727; not protested; Case No. ; 330' FSL – 309' FWL; Sec. 1, T26S, R31E, NMPM

Red Bellied Cooter SWD No. 1; Mesquite SWD, Inc.

API 30-015-Pending; Application No. pLEL1832554216; not protested; 375' FSL – 210' FWL; Sec. , T26S, R31E, NMPM