

District I1625 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**Form C-101
Revised July 18, 2013**Energy Minerals and Natural Resources****Oil Conservation Division**☐ AMENDED REPORT**1220 South St. Francis Dr.****Santa Fe, NM 87505****APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address Mesquite SWD, Inc. PO Box 1479 Carlsbad, NM 88221-1479		2. OGRID Number 161968
3. Property Code 321421		4. Property Name Val SWD
5. API Number 30-015- 44963		6. Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	34	24S	28E		1275	North	1200	East	Eddy

8. Proposed Bottom Hole Location

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

9. Pool Information

Pool Name SWD; Devonian- Montoya	Order SWD-1725	Pool Code 97803
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Additional Well Information

11. Work Type New Well	12. Well Type SWD	13. Cable/Rotary Rotary	14. Lease Type Private <i>Surf</i>	15. Ground Level Elevation 3007'
16. Multiple N	17. Proposed Depth 15330	18. Formation Devonian	19. Contractor	20. Spud Date 07/01/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26	20	94	400	1500	0
Int 1	17.5	13.375	54	2500	1000	0
Int 2	12.25	9.625	40	9900	1800	0
Prod Liner	8.75	7.625	39	14130	500	9400

Casing/Cement Program: Additional Comments

Propose to drill 26" hole to 400' w/fresh wtr, run 20" 94# J-55 BTC csg, set @ 400' w/1500 sx cmt, circ to surf. Drill 17.5" hole to 2500' w/brine wtr, run 13 3/8" 54# J-55 LTC csg, set @ 2500' w/1000 sx cmt, circ to surf. Drill 12 1/4" hole to 9900' w/cut brine, run 9 5/8" 40# N80 csg, set @ 9900' w/1800 sx cmt, circ to surf. Drill 8 3/4" hole to 14130' w/cut brine, run 7 5/8" 39# P-110 liner 9400'-14130', cmt w/500 sx cmt, TOC 9400'. Drill 6 1/2" hole to 15330' w/fresh wtr. Complete open hole 14130'-15330'.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Cameron
Double Ram	5000	5000	Cameron

23. 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: *Melanie J. Wilson*

Printed name: Melanie J. Wilson

Title: Agent

E-mail Address: mjp1692@gmail.com

Date: 05/09/2018

Phone: 575-914-1461

OIL CONSERVATION DIVISION

Approved By:

Raymond H. Padany
Geologist

Title:

Approved Date: 5-11-18

Expiration Date: 5-11-20

Conditions of Approval Attached

C-108 APPROVAL

DISTRICT I
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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) 476-3480 Fax: (505) 476-3482

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 30-015-	Pool Code 97803	Pool Name SWD-DEVONIAN-MONTOYA
Property Code	Property Name VAL SWD	Well Number 1
GRID No. 161968	Operator Name MESQUITE SWD	Elevation 3007.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	24-S	28-E		1275	NORTH	1200	EAST	EDDY

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.	SWD-1725					

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>NAD 83 NME SURFACE LOCATION Y=428513.2 N X=622667.4 E LAT.=32.177787° N LONG.=104.070461° W</p>					<p>1275'</p>
					<p>1200'</p>
					<p>S.L.</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>Melanie J. Wilson 05/09/2018 Signature Date</p> <p>Melanie J Wilson Printed Name</p> <p>mjp1692@gmail.com 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>NOVEMBER 22, 2017 Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR</p> <p>Chad Harcrow 12/7/17 Certificate No. CHAD HARCROW 17777 W.O. # 17-1507 DRAWN BY: JH</p>					