

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

WELL API NO. 30-025.43277
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Paduca 6 SWD
8. Well Number 1
9. OGRID Number 161968
10. Pool name or Wildcat SWD-Devonian

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD-Devonian
2. Name of Operator Mesquite SWD INC
3. Address of Operator PO BOX 1479, Carlsbad NM, 88221

4. Well Location Unit Letter <u>6(3)</u> : 2650 feet from the S line and 1220 feet from the W line Section <u>6</u> Township <u>26S</u> Range <u>32E</u> NMPM County <u>Lea</u>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3285
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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, WISHES TO AMMEND THE ORIGINAL BOTTOM HOLE DESIGN FOR THE PADUCA 6. DEEPEN THE SETTING DEPTH OF THE 9.625" CASING FROM 11,000' TO 12,300' SETTING IN THE TOP OF THE WOLFCAMP. CEMENT TYPE AND MIXTURE WILL REMAIN THE SAME, SLURRY VOLUME WILL INCREASE TO 2300sx

DEEPEN THE SETTING DEPTH OF THE 7.625" LINER FROM 16,735' TO A DEPTH OF 17,200' INTO THE TOP OF THE DEVONIAN, THEREFOR ELIMINATING THE NEED FOR A 5.5" LINER. CEMENT TYPE AND MIXTURE WILL REMAIN THE SAME, VOLUME WILL INCREASE TO 450sx

UPON ELIMINATING THE 5.5" LINER A FULL STRING OF 4.5" TUBING WILL BE USED FOR INJECTION.

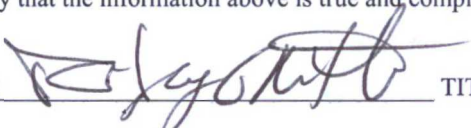
Tubulars - Capacities and Performance							
Pipe Size	Bbl/ft	Cu Ft	Tensile	Burst	Collapse	ID	API Drift
20" 94# J55 BTC	0.3553	1.9947	1402k	2110	770	19.124	18.937
13.375" 68# HCN80 BTC	0.1497	0.8406	1585k	5020	2750	12.415	12.259
9.625" 53.50# P110 BTC	0.0708	0.3973	1718K	10900	7950	8.535	8.379
7.625" 47.10# Q125 SLX	0.0395	0.2211	1672k	17930	19700	6.375	6.250
4.5" 15.10# T-95 JFE Bear	0.0142	0.0798	450k	13110	12770	3.826	3.701

Spud Date:

Rig Release Date:

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

SIGNATURE



TITLE

Production Foreman

DATE

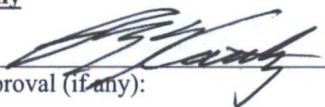
7/19/16

Type or print name RILEY G NEATHERLIN E-mail address: RGNEATHELIN@GMAIL.COM PHONE: (575) 706-7288

For State Use Only

Petroleum Engineer

APPROVED BY:



TITLE

DATE

07/29/16

Conditions of Approval (if any):

MESQUITE SWD, INC.
P.O. BOX 1479
CARLSBAD, NM 88221-1479

Well Name: **Paduca 6 SWD #1**

Location: **2650' FSL & 1220 FWL**

County: **Lea**

Sec: **6**

State: **NM**

Township: **26 S**

API: **30-025-43277**

Lease Type: **Fee**

Range: **32 E**

Formation: **Devonian / Silurian**

PROPOSED WELLBORE
30" Conductor

Surface Csg

Size: 20"
Wt.&Thrd: 94#
Grade: J-55 BTC
Set @: 1000'
Sxs cmt: 1775 sx
Circ: Yes
TOC: Surface
Hole Size: 26"

Intermediate Csg 1

Size: 13 3/8"
Wt.&Thrd: 68#
Grade: HCN-80 BTC
Set @: 4500'
Sxs Cmt: 1800 Sx
Circ: Yes
TOC: Surf
Hole Size: 17 1/2"

Intermediate Csg 2

Size: 9 5/8"
Wt.&Thrd: 53.50#
Grade: P110 BTC
Set @: 12300'
Sxs Cmt: 2300 Sx
Circ: Yes / DV @ 4500'
TOC: Surf
Hole Size: 12 1/4"

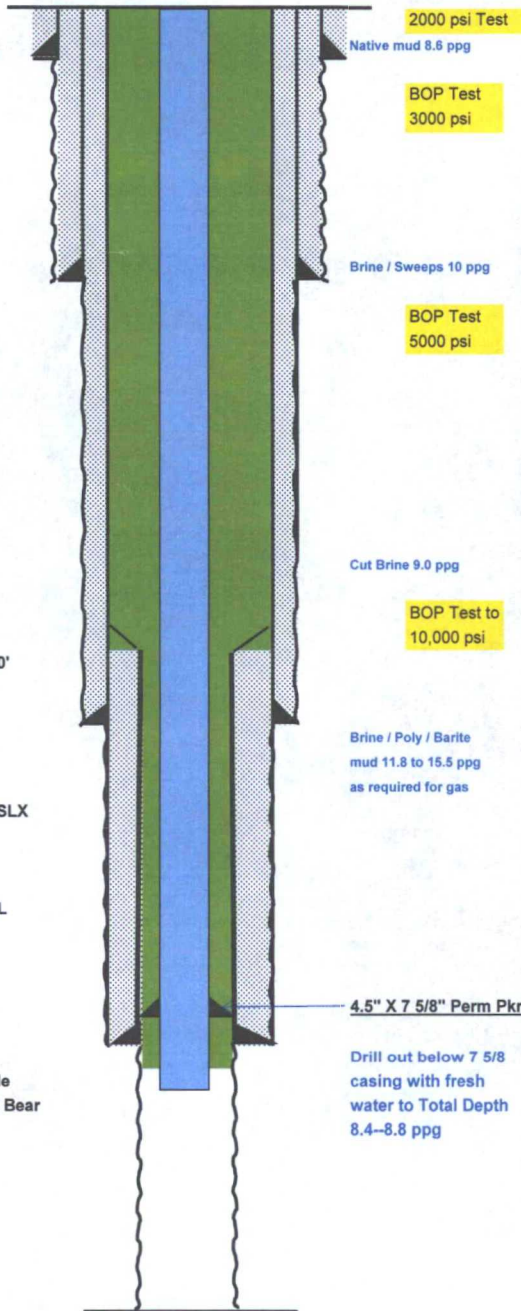
Drilling Liner

Size: 7 5/8"
Wt.&Thrd: 47.10# Tenaris SLX
Grade: Q125
Set @: 17200'
Sxs Cmt: 450 Sx
Circ: Circ cmt off TOL
TOC: 12000'
Hole Size: 8.5"

Injection Interval

Size: 6 1/8" Open Hole
Tbg: 4.5" 15.10# JFE Bear
Grade: T-95
Pkr Set @: 17150'
End of Tbg: 17215'
Circ: Pkr Fluid
Tbg Lining: DuoLine
Tbg ID Lined: 3.633"

TD of Well: 19200'



KB: 3315

DF: 3315

GR: 3285'

Spud Date: _____

Compl. Date: _____

Mousehole: 14" shucked to 70 ft
30 Inch Conductor Pipe set at 125 ft

Test Annular on 20 Inch Casing to 2000 psi
Test BOP Stack on 13 3/8 in casing to 5000 psi
Test BOP Stack on 9 5/8 casing to 10000 psi

BOP Stack consist of the following:

Rotating Head
13 5/8" 5000 psi Annular BOP
13 5/8" 10000 psi Double Ram BOP
13 5/8" 10000 psi Mud Cross
13 5/8" 10000 psi Single Ram BOP

Variable bore pipe rams in Double BOP
4" to 7" through 8.5" hole
3.5" to 5.5" below 7 5/8" csg
Blind rams on bottom of Double BOP

20" & 13 3/8" Csg to use set down inner string
float equipment to help insure circulating
cement and to minimize displacement volume.

Wireline set permanent pkr w/ full ID bore
and seal assembly made of Inconel alloy
set within 50' of 7 5/8" liner shoe.

LAT. 32.07203578° N
LONG: 103.71862365° W

Tubulars - Capacities and Performance

Pipe Size	Bbl/ft	Cu Ft	Tensile	Burst	Collapse	ID	API Drift
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