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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-44001

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Eddy State SWD

1. Type of Well: Oil Well [ ] Gas Well [X] Other SWD

8. Well Number 2

2. Name of Operator: Solaris Water Midstream, LLC

9. OGRID Number: 371643

3. Address of Operator: 907 Tradewinds Blvd., Suite B, Midland, TX 79705

10. Pool name or Wildcat: SWD; Devonian

4. Well Location
Unit Letter K : 2267 feet from the South line and 2469 feet from the West line
Section 2 Township 26S Range 29E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3022' GR

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.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
DOWNHOLE COMMINGLE	[ ]						
CLOSED-LOOP SYSTEM	[ ]						
OTHER:		Plug and Abandon	[X]	OTHER:			[ ]

Notify OCD 24 hrs. prior to any work done

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.

Solaris Water Midstream, LLC requests to Plug and Abandon this well. The plugging plan and wellbore schematics are attached.

SEE CHANGES TO PROCEDURE

Spud Date: 4/22/17 Rig Release Date: 12/28/17

****SEE ATTACHED COA's****

Must be plugged by 6/28/2023

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

SIGNATURE [signature] TITLE Regulatory Specialist DATE 6/20/2022

Type or print name Whitney McKee E-mail address: whitney.mckee@solariswater.com PHONE: 432-203-9020

For State Use Only

APPROVED BY: [signature] TITLE Staff Manager DATE 6/28/2022

Conditions of Approval (if any):

Workover Procedure

Eddy St SWD #2 (30-015-44001)
Devonian Disposal
Sec. 48, T26S-R29E, Eddy County, NM

Current Status: Well is currently shut in with no tubing in hole and RBP set at 15,379'.

Plan Summary: Retrieve RBP using braided line. Set CIBPs with ~~20~~' of cement on top of each to plug back well to 100' from surface above the top of the fresh water depth. **Note that the NMOCD Artesia (575-748-1283) must be given 48 hour notice prior to performing plugging operations.**

Workover Detail:

1. RU braided line unit with 5-1/6" 5M lubricator on top of master valve.
2. RIH with wireline gauge ring to top of RBP sized for 5-1/2", 23# casing.
3. RIH with equalization tool to equalize any pressure across RBP.
4. RIH with retrieval tool and jars and retrieve RBP.
   - POOH with same. Clean out well to 15539'
5. RD braided line unit and RU wireline unit. 15530'
6. RIH with 5-1/2", 23.0# CIBP and set same at ~~13,835' which is above T/Barnett at 14,130'~~ and isolates the 5-1/2" liner. Spot 35 sx Cl H cmt on plug -WOC & tag - Test Casing - T. Woodford, T. Mississipian
   - ~~Dump 20' of cement on top of CIBP with cement bailer on wireline~~.
7. ~~RIH with 7-5/8", 39.0# CIBP and set same at 10,110' which is above T/Wolfcamp at 10,160~~'.
   - ~~Dump 20' of cement on top of CIBP with cement bailer on wireline~~.
8. ~~RIH with 9-7/8", 62.8# CIBP and set same at 6,652' which is above T/Bone Spring at 6,702~~'.
   - ~~Dump 20' of cement on top of CIBP with cement bailer on wireline~~.
   - ~~Please note that due to the ID restriction of the 7-5/8" casing patch from 11,435' – 11,510', no CIBP can be ran in the 7-5/8" casing below 11,435' to directly isolate the Strawn and Atoka formations. Actual ID through the patch was measured with a 54 arm caliper on 9/11/2021 measuring a minimum ID of 5.94"~~.
9. ~~RIH with 9-7/8", 62.80# CIBP and set same at 3,166' which is above~~ T/Delaware Sands at 3,216' and 77' inside of 13-3/8" casing shoe. Spot 65 sx cmt 3320' - 3100' - WOC & Tag
   - ~~Dump 20' of cement on top of CIBP with cement bailer on wireline~~.
10. ~~RIH with 9-7/8", 62.80# CIBP and set same at 100' which is above minimum water depth at~~ 173' and average water depth of 178'.
    - ~~Dump 20' of cement on top of CIBP with cement bailer on wireline~~.
11. POOH and RD wireline unit.
12. Follow all requirements listed under sections B – F of 19.15.25.10 of the NMAC document of the NMOCD to be attached in final copy of this procedure.

6a. Spot 25 sx cl H cmt 14570' - 14470' - T. Chester - run CBL if needed - Cmt inside and out all tops
6b. Spot 65 sx cl H cmt 14170 - 13572' - T. Barnett, Shoe and liner top - WOC & tag
6c. Spot 25 sx cl H cmt 13376' - 13256' - T. Atoka
6d. Spot 25 sx cl H cmt 13092' - 12972' - T. Strawn
6e. Spot 25 sx cl H cmt 12850' - 12730' - T. Canyon

7. Spot 35 sx cl H cmt 11560' - 11390' - shoe and patch - WOC & tag
7b. Spot 25 sx cl H cmt 10210' -10090' - T. Wolfcamp
7c. Spot 80 sx cl H cmt 8800' - 8650' - T of 7 5/8' - WOC & tag

8. Spot 35 sx cl C cmt 6750' - 6650' - T. BS

10. Spot 35 sx cl C cmt at 625' - 525' - Shoe
10a Spot 65 sx cl C cmt at 200' to surface.

Date: 06/17/2022
Submitted by: Christopher Giese - Drilling Engineer

Workover Procedure

Eddy St SWD #2 (30-015-44001)
Devonian Disposal
Sec. 48, T26S-R29E, Eddy County, NM

Eddy State Actual Formation Tops

Minimum Depth To Water @ 173’
SALT @ 2455'
DELAWARE LIME @ 3177'
DELAWARE SS @ 3216'
CHERRY CANYON @ 4067'
BRUSHY CANYON @ 5692'
BONESPRING @ 6702'
1ST BS LIME @ 6932'
1ST BS SS @ 7884'
2ND BS LIME @ 8242'
2ND BS SS @ 8740'
3RD BS LIME @ 8980'
3RD BS SS @ 9730'
WOLFCAMP UPP. @ 10160'
WOLFCAMP LOW. @ 11480'
STRAWN @ 13042'
ATOKA SS @ 13326'

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
8. Produced water **will not** be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. **Class 'C' cement will be used above 7500 feet.**
12. **Class 'H' cement will be used below 7500 feet.**
13. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
14. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E)Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K)**Potash---**(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths,** the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

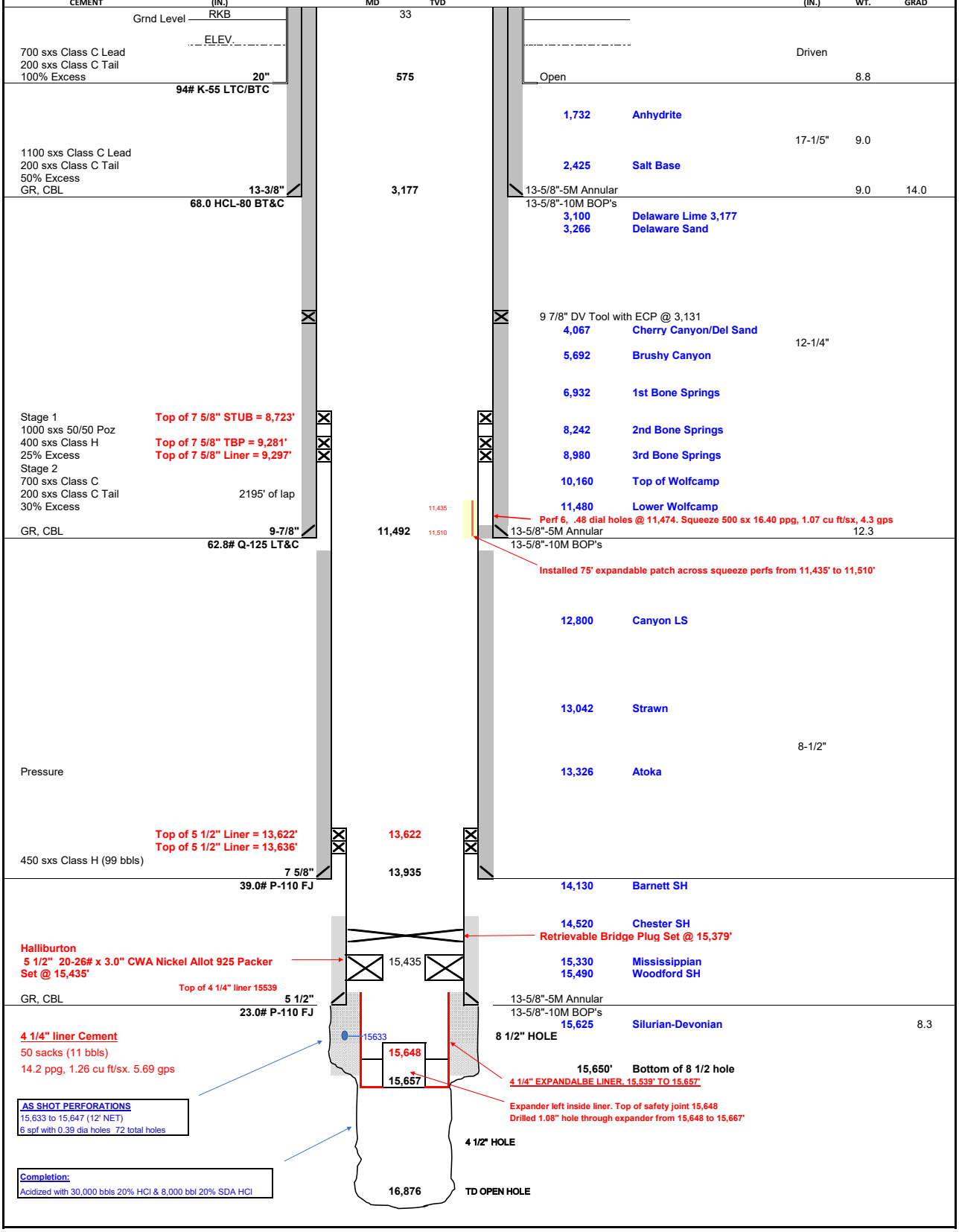
T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Solaris Water Midstream

WELLBORE DATA SHEET

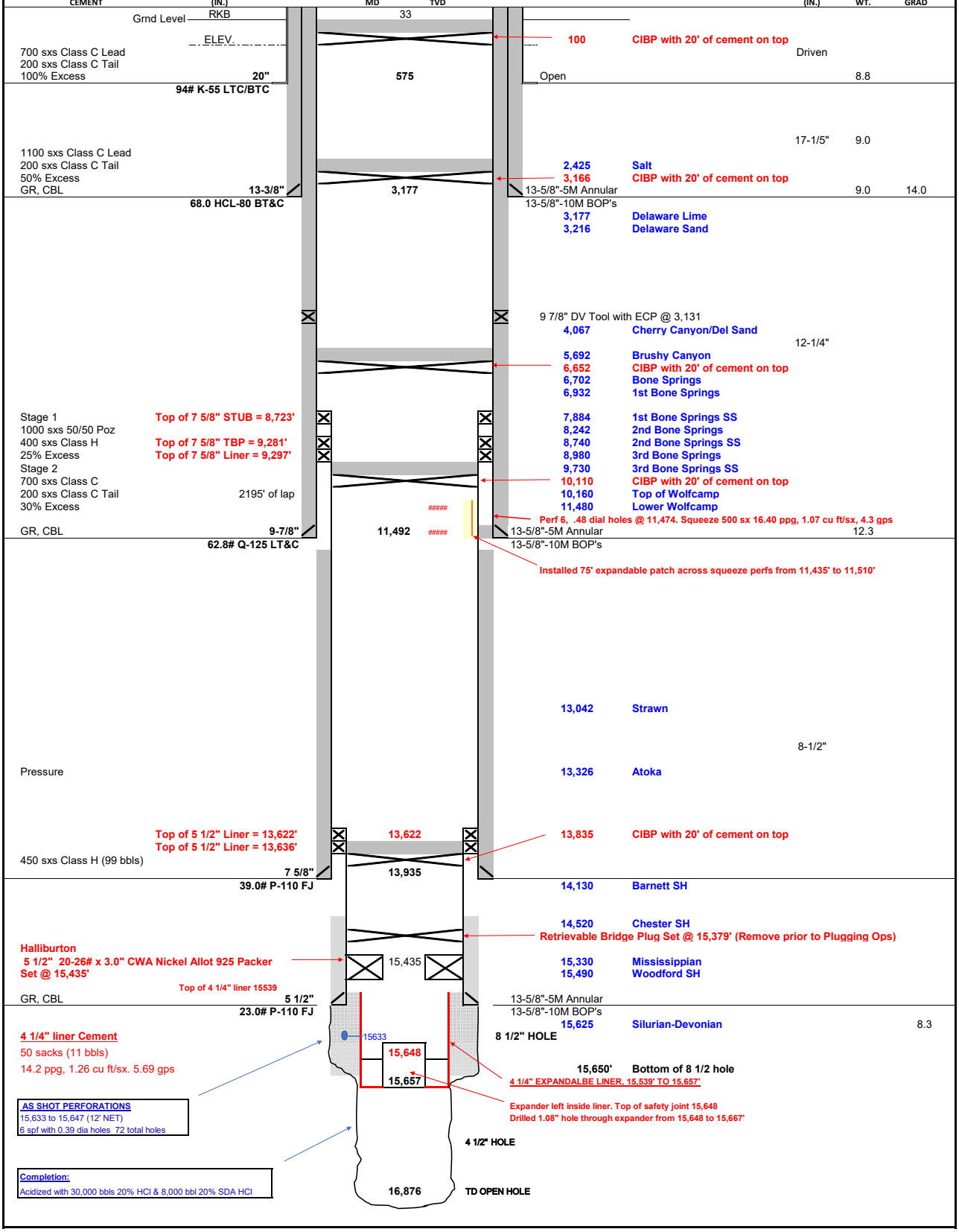
LEASE:	Pecos Star	**TOTAL DEPTH:**	16,876
WELL:	Eddy State 2 SWD	**SURF. LOC'N:**	2469' FWL, 2267' FSL
LOCATION:	Sec 48 T26S R29E	**BTM. HOLE LOC'N:**	Same As Above
	Eddy County, NM	**SURFACE ELEV.:**	3022'
OBJECTIVE:	Vertical Devonian Injection Well. Injection Interval 15,500' to +/-16,700. Silurian/Devonian & Fusselman		



Solaris Water Midstream

WELLBORE DATA SHEET

LEASE:	Pecos Star	**TOTAL DEPTH:**	16,876
WELL:	Eddy State 2 SWD	**SURF. LOC'N:**	2469' FWL, 2267' FSL
LOCATION:	Sec 48 T26S R29E	**BTM. HOLE LOC'N:**	Same As Above
	Eddy County, NM	**SURFACE ELEV.:**	3022'
OBJECTIVE:	Vertical Devonian Injection Well. Injection Interval 15,500' to +/-16,700. Silurian/Devonian & Fusselman		



District I
1625 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 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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 118724

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706	OGRID: 371643
	Action Number: 118724
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/28/2022