

**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 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

RECEIVED

AMENDED REPORT

1220 South St. Francis Dr.

SEP 17 2018

Santa Fe, NM 87505

DISTRICT II-ARTESIA O.C.D.

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address Solaris Water Midstream, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706		<sup>2</sup> OGRID Number 371643
<sup>4</sup> Property Code <b>32243B</b>		<sup>3</sup> API Number <b>30-015-45239</b>
<sup>5</sup> Property Name Ross Draw SWD		<sup>6</sup> Well No. 1

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	27	26S	29E		1578'	South	1833'	East	Eddy

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
J	27	26S	29E		1578'	South	1833'	East	Eddy

<sup>9</sup> Pool Information

Pool Name SWD; Devonian - Silurian	Pool Code 97869
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Additional Well Information

<sup>11</sup> Work Type N	<sup>12</sup> Well Type S	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Fee	<sup>15</sup> Ground Level Elevation 2858'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 16,600'	<sup>18</sup> Formation Devonian - Silurian	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date Upon Approval
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

<sup>21</sup> Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	26"	20"	94#	362	880	Surface
1 <sup>st</sup> Int	17.5"	13.375"	72#	3831'	2421	Surface
2 <sup>nd</sup> Int	12.25"	9.625"	47#	12,412'	2443	Surface
Liner	8.5"	7.625"	39#	12,212'-15,508'	146	Liner Top

Casing/Cement Program: Additional Comments

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<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular, Pipe & Blind/Shear Rams	10,000 psi	7,000 psi	Hydril, Cameron or Equivalent

<sup>23</sup> 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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Bonnie Atwater</i> Printed name: Bonnie Atwater Title: Regulatory Tech E-mail Address: bonnie.atwater@solarismidstream.com Date: <b>9.13.18</b> Phone: 432-203-9020	OIL CONSERVATION DIVISION	
	Approved By: <i>Raymond W. Rosamy</i>	
	Title: <i>Geolog'3+</i>	
	Approved Date: <b>9-19-18</b>	Expiration Date: <b>9-19-20</b>
	Conditions of Approval Attached <b>Approved C-108</b>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

RECEIVED

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate District Office  
DISTRICT II-ARTESIA O.C.D.  AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-45239</b>	Pool Code 97869	Pool Name SWD; DEVONIAN - SILURIAN
Property Code <b>322438</b>	Property Name ROSS DRAW SWD	Well Number #1
OGRID No. 371643	Operator Name SOLARIS WATER MIDSTREAM, LLC	Elevation 2858'

Surface Location

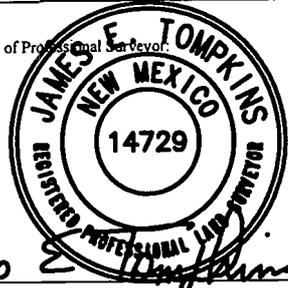
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	27	26S	29E		1578'	SOUTH	1833'	EAST	EDDY

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 3.67	Joint or Infill	Consolidated Code	Order No.
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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.

22	23			23	24	<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained 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 a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Bonnie Atwater</i> 9.7.18 Signature Date <i>Bonnie Atwater</i> Print Name <i>bonnie.atwater@</i> E-mail Address <i>solarismidstream.com</i></p> <p><b>SURVEYORS CERTIFICATION</b> 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 2, 2018 Date of Survey Signature and Seal of Professional Surveyor:  <i>James E. Tompkins</i></p> <p>Job No.: WTC52617 Draft: M.Y. JAMES E. TOMPKINS 14729 Certificate Number</p>
28					26	
28					26	
33	34			34	35	

SHL ROSS DRAW SWD #1  
GR. ELEV. 2858'  
NMS-P (NAD 83)  
N.(Y) = 367586.4'  
E.(X) = 654080.9'  
LAT. = 32.0100535° N  
LON. = 103.9695925° W  
NMS-P (NAD 27)  
N.(Y) = 367529.1'  
E.(X) = 612895.0'  
LAT. = 32.0099283° N  
LON. = 103.9691116° W

PLAT: C:\USERS\HERNANDEZ\DESKTOP\HITEMPLATE\M WEL TEMP LAYOUT TAB: MAPS

FIELD: SWD  
 WELL: Ross Draw SWD #1  
 LOC: 530' CA, NW 1/4, 135' TEL  
 OBJECTIVE: Development/Production SWD

**SOLARS MIDSTREAM**  
 Ross Draw SWD #1  
 WELLSHOE DATA SHEET

TOTAL DEPTH: 18,530  
 SURF. LOCN: Section 21, T28S, R06E  
 SURFACE ELEV: 2555.0

LOGGING	DEPTH	FORMATION	LOG	WID	THICK	REMARKS
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Open	0	Set and cased		8.8		
Rider	20'			8.4		
Cretals	1,165			8.4		
Lumie	2,281			8.5		
Bull Canyon	2,801		17.5'	8.5		
				10		

Cherry Canyon	3,831			8.4		
	5,025			8.4		
Buaky Canyon	6,081			8.4		
Bone Spring La	7,231			8.4		
1st BS Line	7,231			8.4		
2nd BS Line	8,221			8.4		
3rd BS Line	9,201			8.4		
4th BS Line	9,201			8.4		
Wildcat lower	9,201		12.25'	8.4		
Wildcat lower	9,201			10.0		
Wildcat lower	11,872			10.0		

13,507-10M BOP's	12,212	13,507-10M BOP's	12,212	10.0		
13,507-10M BOP's	12,212	13,507-10M BOP's	12,212	12.0		
13,507-10M BOP's	12,212	13,507-10M BOP's	12,212	16.0		

Stream	12,242			10.0		
Archa	12,294			12.6		
Marrow La	13,316			9.5		
Mastshelby/U	15,014			9.5		
Woodford Shale	13,300			10		
Devonian	15,200			13.5		

13,507-10M BOP's	15,200	13,507-10M BOP's	15,200	8.5'		
13,507-10M BOP's	15,200	13,507-10M BOP's	15,200	9.0		

13,507-10M BOP's	18,530	13,507-10M BOP's	18,530	0		
13,507-10M BOP's	18,530	13,507-10M BOP's	18,530	0		