

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

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

☐ AMENDED REPORT

SEP 17 2018

DISTRICT II-ARTESIA O.C.D.

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

¹ Operator Name and Address Solaris Water Midstream, LLC 907 Tradewinds Blvd, Suite B Midland, TX 79706		² OGRID Number 371643
⁴ Property Code 322438		³ API Number 30-013-45239
⁵ Property Name Ross Draw SWD		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
J	27	26S	29E		1578'	South	1833'	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
J	27	26S	29E		1578'	South	1833'	East	Eddy

⁹ Pool Information

Pool Name	Pool Code
SWD; Devonian - Silurian	97869

Additional Well Information

¹¹ Work Type N	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type Fee	¹⁵ Ground Level Elevation 2858'
¹⁶ Multiple No	¹⁷ Proposed Depth 16,600'	¹⁸ Formation Devonian - Silurian	¹⁹ Contractor TBD	²⁰ Spud Date Upon Approval
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

X 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
Surface	26"	20"	94#	362	880	Surface
1 st Int	17.5"	13.375"	72#	3831'	2421	Surface
2 nd 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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²² 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

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

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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

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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 30-015-45239	Pool Code 97869	Pool Name SWD; DEVONIAN - SILURIAN
Property Code 322438	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.			

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.

NW CORNER LAT.: 32.0210072°N LON.: -103.9805215°W		NE CORNER LAT.: 32.0198776°N LON.: -103.9631027°W	
22	23	23	24
28			26
<p>SHL ROSS DRAW SWD #1 GR. ELEV. 2858' NMSP-E (NAD 83) N.(Y): = 367586.4' E.(X): = 654080.9' LAT.: = 32.0100535° N LON.: = 103.9695925° W NMSP-E (NAD 27) N.(Y): = 367529.1' E.(X): = 612895.0' LAT.: = 32.0099283° N LON.: = 103.9691116° W</p> <p>1578'</p> <p>1833'</p>			
28			26
33	34	34	35
SW CORNER LAT.: 32.0066536°N LON.: -103.9811125°W		SE CORNER LAT.: 32.0052228°N LON.: -103.9639507°W	

OPERATOR CERTIFICATION
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.

Bonnie Atwater 9.7.18
Signature Date
Bonnie Atwater
Print Name
bonnie.atwater@solarmidstream.com
E-mail Address

SURVEYORS CERTIFICATION
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.

July 2, 2018
Date of Survey

James E. Tompkins
Signature and Seal of Professional Surveyor

James E. Tompkins
Job No.: WTC52617 Draft: M.Y.
JAMES E. TOMPKINS 14729
Certificate Number

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

16,550
Section 27, T26S, R22E
Same As Above
2656.0

BOPE	FORMATION	HOLE SIZE (IN.)	MUD WT.	FRACT GRAD.

Set and oriented	Open
2.9	

26°	8.4
Rudder	8.4
SM Antisub Director	8.5

Castles	8.6
Lamier	to
Bell Cannon	10
17.5'	
Cherry Canyon	

Water	10.0	Fit
Buddy Canyon		
Bone Spring Ls		
Friest SS Limestone		
Friest SS Sand		
Friest SS Limestone		
2nd SS Limestone		
3rd SS Limestone		
4th SS Sand	12.25'	8.4
Wichita Limestone		to
Wichita lower		10.0

Study	10.6	18.6
Stamm	12.8	
Asch		
McNemar Ls	12.8	

	NO	TD at Base of Furusethum
Mossadiphen / U	0.2°	13.6
Woodard Shale		
Doverian		13.8
Furusethum	6.5°	9.0
