

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. 30-015-01677
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-4575
7. Lease Name or Unit Agreement Name DELHI A STATE
8. Well Number 1
9. OGRID Number 6137
10. Pool name or Wildcat EMPIRE ABO

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 ☐

2. Name of Operator
Devon Energy Production Company, LP

3. Address of Operator
333 W. Sheridan Avenue, Oklahoma City, OK 73102

4. Well Location
Unit Letter D : 990 feet from the NORTH line and 980 feet from the West line
Section 33 Township 17S Range 28E NMPM Eddy County, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3672' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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.

Notify OCD 24 hrs. prior to any work done.

- MIRU P&A unit. POOH rods and 2-3/8" tubing string.
- Set CIBP @ 5850'. Tag. Circ 10# mud. Spot 25 sx Cl C from 5850'-5475'. (Open perfs at 5890'; Top Abo @ 5590') -WOC + Tag
- Spot 25 sx Cl C 3360'-3000'. (Top Glorieta at 3360')
- Perf @ 955'. Squeeze 25 sx Cl C from 955'-855'. WOC & tag. (Shoe @ 903')
- Perf @ 410'. Squeeze 25 sx Cl C from 410'-310'. WOC & tag. (T Yates, B salt 410')
- Perf @ 140'. Squeeze Cl C from 140' to surface.
- Cut wellhead off 3' BGL. Set dry hole marker.

RECEIVED

APR 26 2019

Spud Date:

Rig Release Date:

DISTRICT II-ARTESIA O.C.D.

* See Attached COA's must be Plugged by 4/30/20
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Armon Radfar TITLE Production Engineer DATE 4-24-19

Type or print name Armon Radfar E-mail address: Armon.Radfar@devon.com PHONE: 405-552-5014

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 4/30/19
Conditions of Approval (if any):

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: DELHI A STATE 1	Field: Parkway North - DM
Location: 900 FNL 980 FWL SEC 33-T17S-R28E	County: Eddy State: New Mexico
Elevation: 3672' GL	Spud Date: 7/16/2002 Compl Date: 4/2/1960
API#: 30-015-01677 Prepared by: Armon Radfar	Date: 4/24/19 Rev:

CURRENT WELLBORE

12-1/4" Hole
8-5/8", 24#, J55, @ 903'
 Cmt'd w/300 sx CI C to surface

TOC @ 1000' (TS)

Perforations
 5890'-5930'

7-7/8" Hole
4-1/2", 11.6#, J55, @ 6052'
 Cmt'd w/950 sx CI C cmt to 1000' (TS)

6084' TVD

Tansill 290
 Base Salt_Anhydrite: 410
 Yates: 410
 Seven Rivers: 648
 Queen: 1210
 San Andres: 1952
 Glorieta: 3360
 Tubb: 4990
 AABO: 5590

198 jts 2-3/8" tubing
 SN @ 5812'

Mixed Rod String:
 79-7/8"
 138-3/4"
 15-7/8"

1-1/4" pump

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: DELHI A STATE 1	Field: Parkway North - DM
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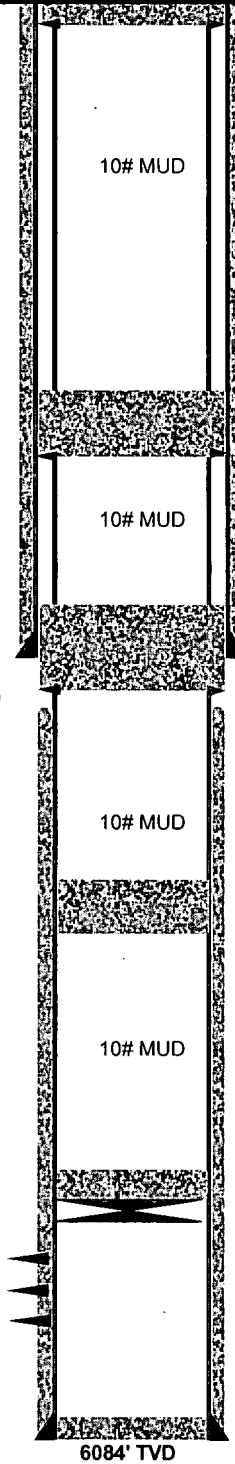
PROPOSED WELLBORE

12-1/4" Hole
8-5/8", 24#, J55, @ 903'
 Cmt'd w/300 sx CI C to surface

TOC @ 1000' (TS)

Perforations
 5890'-5930' (Abo)

7-7/8" Hole
4-1/2", 11.6#, J55, @ 6052'
 Cmt'd w/950 sx CI C cmt to 1000' (TS)



Proposed:
 1. Perf @ 140'.
 2. Squeeze CI C from 140' to surface.
 3. Cut WH off 3' BGL, and set dry hole marker.

Proposed:
 1. Perf @ 410'.
 2. Squeeze 25 sx CI C from 410'-310'. WOC & tag.
 (T Yates, B salt 410')

Proposed:
 1. Perf @ 955'.
 2. Squeeze 25 sx CI C from 955'-855'. WOC & tag.
 (Shoe @ 903')

Proposed:
 Spot 25 sx CI C 3360'-3000'.
 (Top Glorieta at 3360')

Proposed:
 1. Set CIBP @ 5850'. Tag. Circ 10# mud.
 2. Spot 25 sx CI C from 5850'-5475'.
 (Open perfs at 5890'; Top Abo @ 5590')

CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

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.**

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.
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 the well is not plugged within 1
7. 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.
8. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
9. Produced water **will not** be used during any part of the plugging operation.
10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
11. 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.
12. **Class 'C' cement will be used above 7500 feet.**
13. **Class 'H' cement will be used below 7500 feet.**
14. **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**
15. **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 (Potash Mine Area), 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 REQUIREMENTS

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)



PHOENIX
TECHNOLOGY SERVICES

March 29, 2019

Solaris Water Midstream
Attention: Regulatory Department
907 Tradewinds Blvd.
Midland, TX 79701

RECEIVED

Re: Solaris Water Midstream
Mad Cow SWD #1
Eddy County, New Mexico
API #30-015-45204
Job No. 63723

MAY 06 2019

DISTRICT II-ARTESIA O.C.D.

Dear Regulatory Department;

Phoenix Technology Services, Inc. has filed the survey certification, surveys, and lease plat for the above referenced well with the State of New Mexico Oil Conservation Division – District 2 via certified mail. A copy of the filing is attached for your records.

Name of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Matthew Howell	1	779	8,914	10/17/18	11/6/18	MWD

Thank you for the opportunity to be of service. Please contact me if you have any questions or require additional information.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY DATA CERTIFICATION



PHOENIX
TECHNOLOGY SERVICES

Job #: 63723
 Client: Solaris Midstream
 County & State: Eddy County, NM
 Well: Mad Cow SWD #1
 API No: 30-015-45204
 Proposed Direction: 360.00

TIE-IN DATA

MD	TVD	INC	AZM	N/-S	E/-W	DATA SOURCE
631.00 ft	630.97 ft	1.4	0	4.97	0	Teledrift
Data Source Company:						

SURVEY DATA

First Survey Date	First Survey Depth	INC	AZM
17-Oct-18	779 ft	1.23°	234.68°

Last Survey Date	Last Survey Depth	INC	AZM
6-Nov-18	8,914 ft	0.70°	298.96°

Survey Instrument Type
Phoenix P-360 MWD

Projected TD Survey Date	Projected TD Survey Depth	INC	AZM
6-Nov-18	8,980 ft	0.70°	298.96°

CORRECTION INFORMATION

Magnetic Declination Used	6.87	degrees
Grid Convergence Used	0.27	degrees
Total Correction	6.60	degrees

Corrected to True/Grid North
Grid North

TO THE BEST OF MY KNOWLEDGE, I
 CERTIFY THIS SURVEY DATA TO BE TRUE
 AND CORRECT.

Matthew Howell
 Field Engineer Signature
 11/6/2018
 Date

Solaris MidStream

Eddy County, New Mexico (NAD 83)

Mad Cow SWD

#1

OH / 63723

Survey: Phoenix MWD Surveys (Pre-Gyro)

Standard Survey Report

14 February, 2019

RECEIVED

MAY 06 2019

DISTRICT II-ARTESIA O.C.D.



PHOENIX
TECHNOLOGY SERVICES

Survey Report



Company:	Solaris MidStream	Local Co-ordinate Reference:	Well #1
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	RKB @ 3567.00usft
Site:	Mad Cow SWD	MD Reference:	RKB @ 3567.00usft
Well:	#1	North Reference:	Grid
Wellbore:	OH / 63723	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Latshaw 21)	Database:	USA Compass

Project:	Eddy County, New Mexico (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	Mad Cow SWD				
Site Position:		Northing:	448,449.69 usft	Latitude:	32° 13' 54.69373 N
From:	Map	Easting:	697,178.20 usft	Longitude:	103° 49' 45.59676 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.27 °

Well:	#1					
Well Position:	+N/-S	0.00 usft	Northing:	448,449.69 usft	Latitude:	32° 13' 54.69373 N
	+E/-W	0.00 usft	Easting:	697,178.20 usft	Longitude:	103° 49' 45.59676 W
Position Uncertainty:	0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,535.00 usft	

Wellbore:	OH / 63723				
Magnetics:	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	10/15/2018	6.87	59.95	47,988.89942078

Design:	Surveys (Latshaw 21)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	0.00	

Survey Program:	Date 2/14/2019				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
779.00	9,160.00	Phoenix MWD Surveys (Pre-Gyro) (OH / 6	MWD+HDGM	OWSG Rev.2 MWD + HDGM	
9,100.00	10,765.00	Phoenix Gyro Surveys (OH / 63723)	SPT_GTD	Continuous north-seeking gyro	
10,902.00	17,430.00	Phoenix MWD Surveys (OH / 63723)	MWD+HDGM	OWSG Rev.2 MWD + HDGM	

Survey:	Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
	Depth (usft)	(°)	(°)	Depth (usft)	(usft)	(usft)	Section (usft)	Rate (°/100usft)	Rate (°/100usft)	Rate (°/100usft)
	631.00	1.40	0.00	630.97	4.97	0.00	4.97	0.00	0.00	0.00
Tie In	779.00	1.23	234.68	778.95	5.86	-1.30	5.86	1.58	-0.11	-84.68
First Phoenix MWD Survey	873.00	1.41	246.19	872.93	4.81	-3.18	4.81	0.34	0.19	12.24
	966.00	1.49	246.45	965.90	3.86	-5.33	3.86	0.09	0.09	0.28
	1,060.00	1.85	250.67	1,059.86	2.87	-7.88	2.87	0.40	0.38	4.49
	1,156.00	0.44	175.09	1,155.84	1.99	-9.32	1.99	1.87	-1.47	-78.73

Survey Report



Company: Solaris MidStream
 Project: Eddy County, New Mexico (NAD 83)
 Site: Mad Cow SWD
 Well: #1
 Wellbore: OH / 63723
 Design: Surveys (Latshaw 21)

Local Co-ordinate Reference: Well #1
 TVD Reference: RKB @ 3567.00usft
 MD Reference: RKB @ 3567.00usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,249.00	0.53	124.81	1,248.84	1.39	-8.93	1.39	0.45	0.10	-54.06
1,344.00	0.44	145.91	1,343.83	0.84	-8.37	0.84	0.21	-0.09	22.21
1,439.00	0.53	128.42	1,438.83	0.26	-7.82	0.26	0.18	0.09	-18.41
1,534.00	0.62	113.56	1,533.82	-0.21	-7.00	-0.21	0.18	0.09	-15.64
1,628.00	0.62	129.47	1,627.82	-0.74	-6.14	-0.74	0.18	0.00	16.93
1,819.00	0.79	122.44	1,818.80	-2.10	-4.23	-2.10	0.10	0.09	-3.68
2,008.00	0.97	118.75	2,007.78	-3.57	-1.73	-3.57	0.10	0.10	-1.95
2,198.00	1.14	107.06	2,197.75	-4.90	1.48	-4.90	0.14	0.09	-6.15
2,387.00	0.97	76.21	2,386.72	-5.07	4.84	-5.07	0.31	-0.09	-16.32
2,576.00	1.41	53.45	2,575.68	-3.30	8.26	-3.30	0.34	0.23	-12.04
2,767.00	1.06	57.49	2,766.63	-0.96	11.63	-0.96	0.19	-0.18	2.12
2,951.00	1.41	41.93	2,950.59	1.64	14.58	1.64	0.26	0.19	-8.46
3,140.00	1.76	35.34	3,139.52	5.74	17.82	5.74	0.21	0.19	-3.49
3,327.00	2.09	13.99	3,326.42	11.39	20.30	11.39	0.42	0.18	-11.42
3,518.00	1.97	32.80	3,517.30	17.53	22.92	17.53	0.35	-0.06	9.85
3,707.00	2.44	76.87	3,706.17	21.18	28.60	21.18	0.91	0.25	23.32
3,896.00	2.83	112.38	3,894.98	20.31	36.83	20.31	0.87	0.21	18.79
4,084.00	3.29	133.20	4,082.72	14.85	45.06	14.85	0.64	0.24	11.07
4,204.00	3.00	127.70	4,202.54	10.58	50.05	10.58	0.35	-0.24	-4.58
4,279.00	2.26	137.97	4,277.46	8.28	52.59	8.28	1.17	-0.99	13.69
4,374.00	2.46	130.00	4,372.38	5.58	55.41	5.58	0.40	0.21	-8.39
4,468.00	1.06	137.91	4,466.33	3.63	57.54	3.63	1.51	-1.49	8.41
4,563.00	0.35	66.49	4,561.33	3.10	58.39	3.10	1.06	-0.75	-75.18
4,658.00	0.10	156.90	4,656.33	3.14	58.69	3.14	0.38	-0.26	95.17
4,752.00	0.38	74.85	4,750.33	3.14	59.03	3.14	0.40	0.30	-87.29
4,847.00	0.37	73.67	4,845.32	3.31	59.62	3.31	0.01	-0.01	-1.24
4,942.00	0.55	109.20	4,940.32	3.25	60.35	3.25	0.35	0.19	37.40
5,131.00	0.25	131.77	5,129.32	2.67	61.51	2.67	0.18	-0.16	11.94
5,321.00	0.22	91.55	5,319.31	2.39	62.19	2.39	0.09	-0.02	-21.17
5,511.00	0.16	113.98	5,509.31	2.27	62.79	2.27	0.05	-0.03	11.81
5,701.00	0.26	80.22	5,699.31	2.24	63.46	2.24	0.08	0.05	-17.77
5,890.00	0.11	150.64	5,888.31	2.15	63.97	2.15	0.13	-0.08	37.26
6,079.00	0.41	158.82	6,077.31	1.36	64.31	1.36	0.16	0.16	4.33
6,266.00	0.09	221.99	6,264.31	0.63	64.45	0.63	0.20	-0.17	33.78
6,455.00	0.14	132.03	6,453.31	0.36	64.52	0.36	0.09	0.03	-47.60
6,643.00	0.61	160.51	6,641.30	-0.73	65.03	-0.73	0.26	0.25	15.15
6,838.00	0.35	55.64	6,836.30	-1.38	65.86	-1.38	0.40	-0.13	-53.78
7,026.00	0.18	192.49	7,024.30	-1.34	66.27	-1.34	0.26	-0.09	72.79
7,214.00	0.88	45.27	7,212.29	-0.61	67.24	-0.61	0.55	0.37	-78.31
7,403.00	0.70	67.07	7,401.27	0.86	69.33	0.86	0.18	-0.10	11.53
7,588.00	0.53	86.32	7,586.26	1.35	71.22	1.35	0.14	-0.09	10.41
7,777.00	0.53	109.43	7,775.25	1.12	72.92	1.12	0.11	0.00	12.23
7,966.00	0.70	65.31	7,964.24	1.31	74.79	1.31	0.26	0.09	-23.34
8,156.00	1.17	18.03	8,154.22	3.64	76.45	3.64	0.46	0.25	-24.88

Survey Report



Company: Solaris MidStream
Project: Eddy County, New Mexico (NAD 83)
Site: Mad Cow SWD
Well: #1
Wellbore: OH / 63723
Design: Surveys (Latshaw 21)

Local Co-ordinate Reference: Well #1
TVD Reference: RKB @ 3567.00usft
MD Reference: RKB @ 3567.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,347.00	1.43	2.40	8,345.17	7.88	77.15	7.88	0.23	0.14	-8.18
8,536.00	1.22	336.89	8,534.12	12.08	76.46	12.08	0.33	-0.11	-13.50
8,725.00	0.88	328.94	8,723.09	15.18	74.92	15.18	0.20	-0.18	-4.21
8,914.00	0.70	298.96	8,912.07	16.98	73.16	16.98	0.23	-0.10	-15.86
Final Phoenix MWD Survey									
8,980.00	0.70	298.96	8,978.07	17.37	72.46	17.37	0.00	0.00	0.00
Projection to TD									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
631.00	630.97	4.97	0.00	Tie In
779.00	778.95	5.86	-1.30	First Phoenix MWD Survey
8,914.00	8,912.07	16.98	73.16	Final Phoenix MWD Survey
8,980.00	8,978.07	17.37	72.46	Projection to TD

RECEIVED

DISTRICT I
1515 N. Frank Dr., El Paso, NM 88501
Phone: (505) 333-4151 Fax: (505) 333-4023

DISTRICT II
811 E. First St., Artesia, NM 88101
Phone: (505) 744-4141 Fax: (505) 744-4131

DISTRICT III
1600 Pita Drive R.A., Aztec, NM 87410
Phone: (505) 333-4178 Fax: (505) 333-4131

DISTRICT IV
1250 E. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3452 Fax: (505) 476-3451

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

AUG 17 2018

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45204	Pool Code 97869	Pool Name SWD; DEVONIAN - SILURIAN
Property Code 322266	Property Name MAD COW SWD	Well Number #1
OGRID No. 371643	Operator Name SOLARIS WATER MIDSTREAM, LLC	Elevation 3535'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	12	24S	30E		2441'	SOUTH	1135'	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.: 32.2396600°N LON.: -103.8429845°W		NE CORNER LAT.: 32.2398728°N LON.: -103.8266552°W	
2 1	11	1	6
SHL MAD COW SWD #1 GR. ELEV. 3535' NMSP-E (NAD 83) N.(Y): = 448449.7' E.(X): = 697178.2' LAT.: = 32.2318593° N LON.: = 103.8293325° W NMSP-E (NAD 27) N.(Y): = 448390.7' E.(X): = 695984.2' LAT.: = 32.2317362° N LON.: = 103.8288475° W			
11	13	13	18
SW CORNER LAT.: 32.2251689°N LON.: -103.8429122°W		SE CORNER LAT.: 32.2251429°N LON.: -103.8256682°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 7.31.18
Signature Date

Bonnie Atwater
Print Name

bonnie.atwater@
E-mail Address

solarismidstream.com
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 20, 2018
Date of Survey

Signature and Seal of Professional Surveyor

James E. Tompkins
JAMES E. TOMPKINS
14729

Job No.: WTC52626 Draft: M.Y.
JAMES E. TOMPKINS 14729
Certificate Number

PLAT: C:\USERS\FHERNANDEZ\DESKTOP\FHTEMP\WELL TEMP LAYOUT TAB: MAPS

RUP 8-24-18

MAY 06 2019



Solaris Water Midstream

Downhole Well Profile - WBD

DISTRICT II-ARTESIA O.C.D.

Well Name: Mad Cow SWD #1

API: 30-015-45204

API/UWI 30-015-45204	Surface Legal Location 2441' FSL & 1135' FEL, Sec. 12, T24S, R30E	Well Configuration Type Vertical	County Eddy	State/Province New Mexico
Original KB Elevation (ft) 3,554.00	KB-Tubing Head Distance (ft) 2441'	Spud Date 10/13/2018 04:30	Rig Release Date 1/17/2019 12:00	PBTD (All) (ftKB) 16,620.1
Total Depth All (TVD) (ftKB) 16,620.1				

Vertical, Original Hole, 5/3/2019 2:53:41 PM

