

Parameters in mg/l

API	Section	Township	Range	Formation	TDS	Sodium	Calcium	Iron	Magnesium	Manganese	Chloride	Bicarbonate	Sulfate	CO2
3001539036	2	26S	31E	AVALON UPPER	223019	76002	10438	210	1922	5	131072	366	632	1100
3001539162	2	26S	31E	AVALON UPPER	179789	71576	617	22	110	0	101374	3660	0	500
3001539162	2	26S	31E	AVALON UPPER	179938	71576	617	22	110	0	101374	3660	844	500
3001539104	2	26S	31E	AVALON UPPER	162560	57137	3886	42	776	1	97161	1403	756	70
3001537899	10	26S	31E	AVALON UPPER	199639	68948	7560	111	1523	2	118195	732	0	500
3001537899	10	26S	31E	AVALON UPPER	209352	70090	7327	203	1557	3	127230	146	600	600
3001538193	11	26S	31E	AVALON UPPER	225190	77011	8744	636	1649	7	134075	366	0	300
3001538193	11	26S	31E	AVALON UPPER	196577	68797	5059	12	1066	1	118943	122	872	380
3001538193	11	26S	31E	AVALON UPPER	203079	72261	4407	112	904	2	122172	1098	658	80
3002540043	7	26S	34E	AVALON UPPER	220261	66688	13470	122	2827	3	134970	440	910	1400
3002540043	7	26S	34E	AVALON UPPER	225004	76053	8718	160	1414	3	136469	232	1395	900
3002540043	7	26S	34E	AVALON UPPER	211247	71750	7064	68	1291	2	125645	1049	2840	50
3002540382	18	26S	34E	AVALON UPPER	201456	66909	9313	10	1603	2	121073	1025	940	1950
3002540382	18	26S	34E	AVALON UPPER	163026	58096	4006	29	648	1	96978	915	2000	6

EXHIBIT

5

Parameters in mg/l

3002540382	18	26S	34E	AVALON UPPER	196841	66600	7587	26	1213	1	118673	976	1300	1820
3002540382	18	26S	34E	AVALON UPPER	196841	66600	7587	26	1	1	118673	976	1300	1820
3002541024	19	24S	33E	BONE SPRING 2ND SAND	157801	53081	7589	36	882	1	93442	122	903	300
3002541024	19	24S	33E	BONE SPRING 2ND SAND	134649	44573	6215	38	759	1	81682	244	765	200
3002541515	19	24S	33E	BONE SPRING 2ND SAND	128413	44428	4207	42	706	1	77483	366	910	300
3002541516	19	24S	33E	BONE SPRING 2ND SAND	138617	46648	5778	41	732	1	84081	244	710	300
3002541517	19	24S	33E	BONE SPRING 2ND SAND	133461	44483	5917	31	718	1	80982	244	675	300
3001540994	10	26S	31E	BONE SPRING 2ND SAND	138162	44459	6281	30	781	0	84470	122	0	20
3001540994	10	26S	31E	BONE SPRING 2ND SAND	138376	44459	6281	30	781	0	84470	122	618	20
3001539866	10	26S	31E	BONE SPRING 2ND SAND	152439	48496	6731	29	801	1	94055	244	0	100
3001542113	2	26S	31E	BONE SPRING 3RD SAND	94966	31353	3679	32	484	1	57490	244	0	200

Parameters in mg/l

3001542113	2	26S	31E	BONE SPRING 3RD SAND	94518	30032	3403	20	439		58782		355	200
3001542113	2	26S	31E	BONE SPRING 3RD SAND	94864	30225	3424	15	444		59015		365	200
3001542113	2	26S	31E	BONE SPRING 3RD SAND	91289	28721	3441	16	437		56957		328	150
3002541293	6	26S	34E	BONE SPRING 3RD SAND	99402	34493	3295	0	397	0	59987	110	710	70
3002541293	6	26S	34E	BONE SPRING 3RD SAND	99613	34587	3244	10	418	0	59987	159	820	50
3002541293	6	26S	34E	BONE SPRING 3RD SAND	95604	31066	3196	10	394	1	59071	183	0	100
3002541293	6	26S	34E	BONE SPRING 3RD SAND	98321	33892	3267	10	535	0	59387	220	635	300
3002508367	1	24S	33E	DELAWARE	87686						53920	391	749	
3001505886	26	26S	31E	DELAWARE	212112						132100	195	425	
3002540574	7	26S	34E	DELAWARE- BRUSHY CANYON	232755	71556	15223	113	2609	4	140558	244	0	0
3002540574	7	26S	34E	DELAWARE- BRUSHY CANYON	204619	61053	13288	48	2261	3	124979	220	997	40

Parameters in mg/l

3002540574	7	26S	34E	DELAWARE-BRUSHY CANYON	229576	69087	15140	121	2391	4	140268	1202	490	850
3002542256	12	26S	34E	DELAWARE-BRUSHY CANYON	234275	66932	14864	58	2825	3	147046	244	36	540
3002541188	12	26S	34E	DELAWARE-BRUSHY CANYON	234081	71944	14010	27	2679	3	143968	61	560	250
3002541188	12	26S	34E	DELAWARE-BRUSHY CANYON	230391	68909	14660	38	3226	3	141968	110	635	450
3002541188	12	26S	34E	DELAWARE-BRUSHY CANYON	232610	67144	17640	25	2789	4	143368	171	530	790
3002541247	13	26S	34E	DELAWARE-BRUSHY CANYON	227045	64080	14521	40	2544	4	143469	122	0	200
3002541259	13	26S	34E	DELAWARE-BRUSHY CANYON	165213	45383	10715	38	1825	3	105060	244	18	370
3002541273	13	26S	34E	DELAWARE-BRUSHY CANYON	174604	49563	11420	46	1947	3	109315	232	18	380
3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	243517	73410	15800	19	2869	3	149966	49	560	200
3002541259	13	26S	34E	DELAWARE-BRUSHY CANYON	194590	55245	15260	23	2592	3	119973	49	710	200

Parameters in mg/l

3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	237253	70270	16360	39	2889	3	145967	85	820	270
3002541259	13	26S	34E	DELAWARE-BRUSHY CANYON	210915	60929	15360	24	2986	3	129971	85	820	350
3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	216890	61033	14133	57	2562	4	136770	146	603	30
3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	294791	82866	25102	44	3825	8	178552	122	0	400
3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	243703	72700	17288	37	3113	4	147982	122	0	300
3002540912	13	26S	34E	DELAWARE-BRUSHY CANYON	237717	69713	16960	39	2793	4	145567	1220	490	1630
3002541247	13	26S	34E	DELAWARE-BRUSHY CANYON	232792	70590	15060	28	2458	3	143168	110	490	1220
3002541259	13	26S	34E	DELAWARE-BRUSHY CANYON	196570	54329	16280	40	2864	3	121673	171	226	2720
3002541273	13	26S	34E	DELAWARE-BRUSHY CANYON	229427	69461	15070	28	2355	3	140968	146	600	800
3002540383	20	26S	34E	DELAWARE-BRUSHY CANYON	187610	56309	11773	57	2070	3	114435	134	1063	30

Parameters in mg/l

3002540383	20	26S	34E	DELAWARE-BRUSHY CANYON	234475	70222	15529	60	2566	4	143361	244	475	400
3002540383	20	26S	34E	DELAWARE-BRUSHY CANYON	234362	70222	15529	60	2566	4	143361	244	0	400
3002540383	20	26S	34E	DELAWARE-BRUSHY CANYON	231804	70990	14540	94	2259	3	142368	220	425	3000
3002541434	22	26S	34E	DELAWARE-BRUSHY CANYON	179090	54833	11980	16	2048	3	108376	232	880	950
3002541292	23	26S	34E	DELAWARE-BRUSHY CANYON	172606	56153	9156	25	1515	4	104576	183	675	1800
3002541246	26	26S	34E	DELAWARE-BRUSHY CANYON	189333	63480	8597	18	1409	3	114774	134	635	730
3001542688	2	26S	31E	WOLFCAMP	81366	26319	2687	26	327		50281		400	100

Offset Operators Interest Owners

Surface Owner

Bureau of Land Management

Operators or Lessees

EOG Resources, Inc.

COG Operating LLC

Kaiser-Francis Oil Company

OXY USA Inc.

EXHIBIT 6

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF SOLARIS WATER MIDSTREAM,
LLC FOR APPROVAL OF A SALT WATER DISPOSAL
WELL, LEA COUNTY, NEW MEXICO.

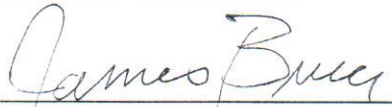
Case No. 20113

AFFIDAVIT OF NOTICE

COUNTY OF SANTA FE)
) ss.
STATE OF NEW MEXICO)

James Bruce, being duly sworn upon his oath, deposes and states:

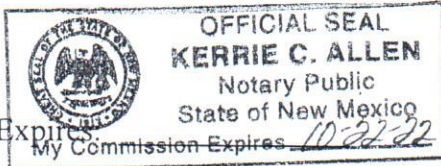
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Solaris Water Midstream, LLC.
3. Solaris Water Midstream, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letters and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.

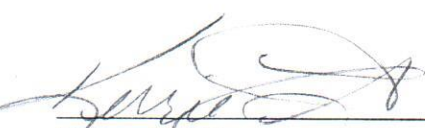


James Bruce

SUBSCRIBED AND SWORN TO before me this 17th day of April, 2019 by James Bruce.

My Commission Expires:





Notary Public

EXHIBIT 7

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)
jamesbruc@aol.com

December 21, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

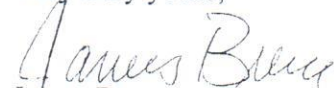
Ladies and gentlemen:

Enclosed is a copy of an application for approval of a salt water disposal well, filed with the New Mexico Oil Conservation Division by Solaris Water Midstream, LLC, regarding a well in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 35, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, January 10, 2019, at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, January 3, 2019. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Solaris Water Midstream, LLC

ATTACHMENT

A

EXHIBIT A

Surface Owner

Bureau of Land Management
620 Greene Street
Carlsbad, New Mexico 88220

Operators

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

COG Operating LLC
600 West Illinois
Midland, Texas 79702

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
2. Print your name and address on the reverse so that we can return the card to you.
3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Bureau of Land Management
620 Greene Street
Carlsbad, New Mexico 88220



9590 9402 4079 8092 5892 18

Article Number (Transfer from service label)

7018 1130 0001 5003 9719

Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

50L ASP

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) [Signature] C. Date of Delivery 1/9/15

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise
☐ Collect on Delivery ☐ Signature Confirmation™
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

cted Delivery

U.S. Postal Service™

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☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To \$

Bureau of Land Management
620 Greene Street
Carlsbad, New Mexico 88220

Street and Apt. No. or P.O. Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.
2. Print your name and address on the reverse so that we can return the card to you.
3. Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706



9590 9402 4079 8092 5892 25

2. Art

7018 1130 0001 5003

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] Agent ☒ Addressee ☐

B. Received by (Printed Name) [Signature] C. Date of Delivery 12/27/15

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
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9702

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To \$

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Street and Apt. No. or P.O. Box

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG Operating LLC
600 West Illinois
Midland, Texas 79702



9590 9402 4079 8092 5892 32

2. Art

7018 1130 0001 5003 9696

(UPPER 9500)

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Jose B. Delun*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes

☐ No

If YES, enter delivery address below:

3. Service Type
- ☐ Adult Signature
 - ☐ Adult Signature Restricted Delivery
 - ☒ Certified Mail®
 - ☐ Certified Mail Restricted Delivery
 - ☐ Collect on Delivery
 - ☐ Collect on Delivery Restricted Delivery
 - ☐ Registered Mail™
 - ☐ Registered Mail Restricted Delivery
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 - ☐ Signature Confirmation Restricted Delivery
 - ☐ Priority Mail Express®

Domestic Return Receipt

508150

U.S. Postal Service™

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☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To COG Operating LLC
600 West Illinois

Street and Apt. No., or Midland, Texas 79702

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

9696 5003 1000 0011 8702

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)
jamesbruc@aol.com

March 26, 2019

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

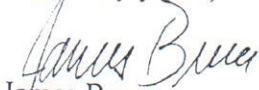
Ladies and gentlemen:

Enclosed is a copy of an application for approval of a salt water disposal well, filed with the New Mexico Oil Conservation Division by Solaris Water Midstream, LLC, regarding a well in the NW $\frac{1}{4}$ /NW $\frac{1}{4}$ of Section 35, Township 24 South, Range 33 East, N.M.P.M., Lea County, New Mexico.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, April 18, 2019, at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, April 11, 2019. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Solaris Water Midstream, LLC

EXHIBIT A

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

Attention: David Hamilton

OXY USA Inc.
Suite 110
5 Greenway Plaza
Houston, Texas 77046

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

OXY USA Inc.
Suite 110
5 Greenway Plaza
Houston, Texas 77046

2. Article Addressed to:

7018 2290 0000 3425 5110

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
B. Received by (Printed Name) Greenway C. Date of Delivery 3/29/14
D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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9590 9402 3453 7275 3956 85

PS Form 3811, July 2015 PSN 7530-02-000-9053

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To
Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

City, State, Zip+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark Here

Total Postage and Fees \$

Sent To
OXY USA Inc.
Suite 110
5 Greenway Plaza
Houston, Texas 77046

City, State, Zip+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

2. Article Addressed to:

7018 2290 0000 3425 5127

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
B. Received by (Printed Name) Aspen C. Date of Delivery 3/29/14
D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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9590 9402 3453 7275 3956 92

PS Form 3811, July 2015 PSN 7530-02-000-9053

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Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postmark Here

Total Postage and Fees \$

Sent To
Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121

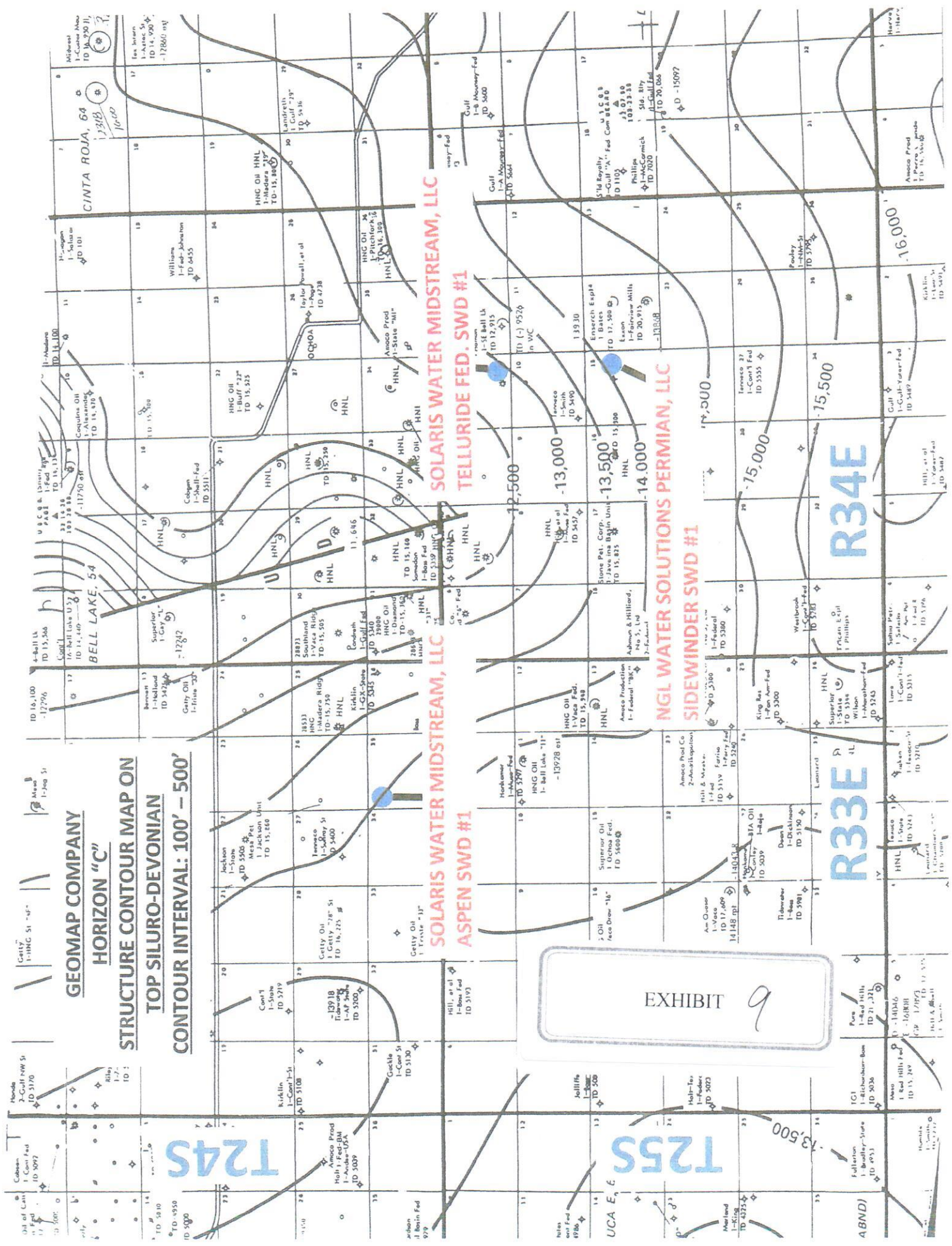
City, State, Zip+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

GENERALIZED SECTION - DELAWARE BASIN

QUATERNARY		
TRIASSIC		DOCKUM
PERMIAN	OCHOA	DEWEY LAKE
		RUSTLER
		SALADO
		CASTILE
	GUADALUPE	BELL CANYON
		CHERRY CANYON
		BRUSHY CANYON
	LEONARD	BOKE SPRING
		WOLFCAMP
		CISCO CANYON STRATA
PENNSYLVANIAN		ATOKA
		MORROW
MISSISSIPPIAN		BARNETT
		MISSISSIPPIAN LS.
DEVONIAN		WOODFORD
SILURO - DEVONIAN		
SILURIAN		FUSSELMAN
ORDOVICIAN		MONTOKA
		SIMPSON
		ELLENBURGER
PRE-CAMBRIAN		

8
EXHIBIT



GEOMAP COMPANY
HORIZON "C"

STRUCTURE CONTOUR MAP ON
TOP SILURO-DEVONIAN
CONTOUR INTERVAL: 100' - 500'

T245

T255

R33E

R34E

CINTA ROJA, 64

BELL LAKE, 54

SOLARIS WATER MIDSTREAM, LLC
ASPEN SWD #1

SOLARIS WATER MIDSTREAM, LLC
TELLURIDE FED. SWD #1

NGL WATER SOLUTIONS PERMIAN, LLC
SIDEWINDER SWD #1

EXHIBIT 9

ABND)

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ROSWELL GEOLOGICAL SOCIETY SYMPOSIUM

Author: W. R. Green
Affiliation: Shell Oil Company
Date: May, 1966

Field Name: Antelope Ridge - Devonian
Location: Secs. 27, 28, 33, 34, T-23-S, R-34-E
County & State: Secs. 3, 4, T-24-S, R-34-E
Lea County, New Mexico

Discovery Well: Shell No. 1 Harris Federal, SE/4 SW/4 Section 27, T-23-S, R-34-E
Completed August 9, 1962
Initial Potential: 41 MMCFPD + 60 B. condensate CAOF; GLR 43,041, 56° API
Exploration Method Leading to Discovery:

Reflection seismic work.

Pay Zone:

Formation Name: Silurian-Fusselman Depth & Datum Discovery Well: 14,654 (-11,179) feet
Lithology Description: Dolomite, white to light gray, fine succrosic and fine to coarse crystalline, vugular and intercrystalline porosity and dolomitic limestone, white to light gray, extremely fine crystalline to lithographic.

Approximate average pay: 1600¹ gross 127¹ net Productive Area 3840 acres

Type Trap: Faulted anticline

EXHIBIT 10

Reservoir Data:

5.5 % Porosity, 4.5 Md Permeability, 33 % Sw, 67 % So
Oil: 62° API, clear, sour
Gas: GOR 50,000, gravity 0.66, sour
Water: 23,381 Na+K, Ca, 130 Mg, 41,700 Cl, 1050 SO₄, 570 CO₂, or HCO₃, Fe ppm
Specific Gravity 1.064 Resistivity 0.084 ohms @ 80 °F
Initial Field Pressure: 6375 psi @ -11,000 datum Reservoir Temp. 217 °F
Type of Drive:

Gas depletion

Normal Completion Practices:

Set casing through pay. Perforate selectively. Acidize with 5000 gallons.

Type completion: Flowing Normal Well Spacing 640 Acres

Deepest Horizon Penetrated & Depth:
Pre-Cambrian granite, 17,895 feet, in Shell Antelope Ridge Unit No. 2

Other Producing Formations in Field:

Atoka, Morrow

Production Data:

YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF		YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF	
		Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE			Prod.	S.I. or Abd.	ANNUAL	CUMULATIVE
1962	OIL			1,066	1,066		OIL				
	GAS	1		17	17		GAS				
1963	OIL			572	1,638		OIL				
	GAS	1	1	42	59		GAS				
1964	OIL			30,222	31,860		OIL				
	GAS	1	2	1,310	1,369		GAS				
1965	OIL			167,474	199,334		OIL				
	GAS	3		7,071	8,440		GAS				