SWD

Initial

Application

Received: 09/10/19

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 09/10/19 REVIEWER: TYPE: SWD APP NO: pLEL1925946560

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Geological & Engineering Bureau – 1220 South St. Francis Drive, Santa Fe, NM 87505



Application

Content

Complete

1220 Journ St. Francis Brive, Janua	TC, TVIVI 07303
ADMINISTRATIVE APPLICATIO	ON CHECKLIST
THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATI REGULATIONS WHICH REQUIRE PROCESSING AT THE DI	IONS FOR EXCEPTIONS TO DIVISION RULES AND DIVISION LEVEL IN SANTA FE
Applicant: Goodnight Midstream Permian, LLC	OGRID Number: 372311
Vell Name: Elway SWD 1	API:
Pool: SWD; DEVONIAN - SILURIAN	Pool Code: 97869
1) TYPE OF APPLICATION: Check those which apply for [A] A. Location – Spacing Unit – Simultaneous Dedication NSL NSP(PROJECT AREA) NSP	
B. Check one only for [1] or [11] [1] Commingling - Storage - Measurement DHC CTB PC OL [11] Injection - Disposal - Pressure Increase - Enhar WFX PMX SWD IPI CO	nced Oil Recovery
	FOR OCD ONLY
2) NOTIFICATION REQUIRED TO: Check those which apply. A. Offset operators or lease holders	Notice Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

G. For all of the above, proof of notification or publication is attached, and/or,

B. Royalty, overriding royalty owners, revenue owners

D. Notification and/or concurrent approval by SLO

E. Notification and/or concurrent approval by BLM

C. Application requires published notice

F. Surface owner

No notice required

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

	9-10-2019	
Nate Alleman	Date	
Print or Type Name	918-382-7581	
1. Th	Phone Number	-
Nothen Allema	nalleman@all-llc.com	
iignature	e-mail Address	



September 10, 2019

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Subject: Goodnight Midstream Permian, LLC – Elway SWD 1

Application for Authorization to Inject

To Whom It May Concern,

On behalf of Goodnight Midstream Permian, LLC (Goodnight), ALL Consulting, LLC (ALL) is submitting the enclosed Application for Authorization to Inject for the Elway SWD 1, a proposed salt water disposal well, in Lea County, NM.

Should you have any questions regarding the enclosed application, please contact Nate Alleman at (918) 382-7581 or nalleman@all-llc.com.

Sincerely,

ALL Consulting

Nate Alleman

Sr. Regulatory Specialist

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I.	PURPOSE:Secondary RecoveryPressure MaintenanceXDisposalStorage Application qualifies for administrative approval?YesNo
II.	OPERATOR: Goodnight Midstream Permian, LLC
	ADDRESS: 5910 N Central Expressway, Suite 850, Dallas, TX 75206
	CONTACT PARTY: Grant Adams PHONE: 214-444-7388(0)
III.	WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project?YesNo If yes, give the Division order number authorizing the project:
V.	Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
*VIII.	Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
IX.	Describe the proposed stimulation program, if any.
*X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
	Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
XIII.	Applicants must complete the "Proof of Notice" section on the reverse side of this form.
XIV.	Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and
	belief. Nate Alleman
	SIGNATURE: Nothern Albuma DATE: 9-10-2019
	E-MAIL ADDRESS: nalleman@all-llc.com If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
 - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
 - (3) A description of the tubing to be used including its size, lining material, and setting depth.
 - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
 - (1) The name of the injection formation and, if applicable, the field or pool name.
 - (2) The injection interval and whether it is perforated or open-hole.
 - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
 - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
 - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Application for Authorization to Inject

Well Name: Elway SWD 1

III - Well Data (The Wellbore Diagram is included as Attachment 1)

A.

(1) General Well Information:

Operator: Goodnight Midstream Permian, LLC (OGRID No. 372311)

Lease Name & Well Number: Elway SWD 1 Location Footage Calls: 2,512' FNL & 315' FWL Legal Location: Unit Letter E, S13 T22S R33E

Ground Elevation: 3,527'

Proposed Injection Interval: 14,630' - 16,225'

County: Lea

(2) Casing Information:

Туре	Hole Size	Size Si		Sacks of Cement	Estimated TOC	Method Determined	
Surface	24"	20"	133.0 lb/ft	1,975'	2,010	Surface	Circulation
Intermediate 1	14-3/4"	13-3/8"	68.0 lb/ft	5,230'	1,170	Surface	Circulation
Intermediate 2	12-1/4"	9-5/8"	53.5 lb/ft	11,775'	3,905	Surface	Circulation
Liner	8-1/2"	7-5/8"	39.0 lb/ft	14,630'	290	11,575'	CBL

(3) Tubing Information:

4-1/2" (composite weight string) of fiberglass-coated tubing with setting depth of 14,610'

(4) Packer Information: Lok-set or equivalent packer set at 14,610'

В.

(1) Injection Formation Name: Devonian and Silurian-Fusselman formations

Pool Name: SWD; DEVONIAN - SILURIAN

Pool Code: 97869

- (2) Injection Interval: Open-hole injection between 14,630′ 16,225′
- (3) Drilling Purpose: New Drill for Salt Water Disposal
- (4) Other Perforated Intervals: No other perforated intervals exist.
- (5) Overlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.
 - Delaware (5,230')
 - Bone Springs (8,570')
 - Wolfcamp (11,260')
 - Atoka (12,085')
 - Morrow (12,855')

Underlying Oil and Gas Zones: No underlying oil and gas zones exist.

V – Well and Lease Maps

The following maps are included in **Attachment 2**:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1.5-mile Deep SWD Map (Devonian/Silurian SWDs)
- 1-mile Well Detail List
- Potash Lease Map

VI – AOR Well List

There are no wells within the 1-mile AOR that penetrate the proposed injection zone.

A list of the wells within the 1-mile AOR is included in Attachment 2.

VII – Proposed Operation

(1) Proposed Maximum Injection Rate: 30,000 bpd Proposed Average Injection Rate: 15,000 bpd

- (2) A closed system will be used.
- (3) Proposed Maximum Injection Pressure: 2,926 psi (surface)
 Proposed Average Injection Pressure: approximately 1,500 2,000 psi (surface)
- (4) Source Water Analysis: It is expected that the injectate will consist of produced water from production wells completed in the Wolfcamp and Bone Springs formations. Analysis of water from these formations is included in *Attachment 3*.
- (5) Injection Formation Water Analysis: The proposed SWD will be injecting water into the Devonian and Silurian-Fusselman formations which is a non-productive zone known to be compatible with formation water from the Wolfcamp and Bone Springs formations. Water analyses from the Devonian-Silurian formation in the area are included in *Attachment 4*.

VIII – Geologic Description

The proposed injection interval includes the Devonian and Silurian-Fusselman formations from 14,630 - 16,225 feet. These formations consist of carbonates including light colored dolomite and chert intervals interspersed with some tight limestone intervals. Several thick sections of porous dolomite capable of taking water are present within the subject formations in the area.

The base od the USDW is at a depth of approximately 1,950 feet. Water well depths in the area range from approximately 613 - 820 feet below ground surface.

IX - Proposed Stimulation Program

A small cleanup acid job may be used to remove mud and drill cuttings from the formation. However, no other formation stimulation is currently planned.

X – Logging and Test Data

Logs will be submitted to the Division upon completion of the well.

XI – Fresh Groundwater Samples

Based on a review of data from the New Mexico Office of the State Engineer, two groundwater wells are located within 1-mile of the proposed SWD location; however, according to state water well data and conversations with water well owners only one (CP-00591 POD 1) of the water wells is currently active. A water sample was collected on 08/06/2019.

A water well map of the area is included in **Attachment 5**.

XII - No Hydrologic Connection Statement

No faulting is present in the area that would provide a hydrologic connection between the injection interval and overlying USDWs. Additionally, the casing program has been designed to ensure there will be no hydrologic connection between the injection interval and overlying USDWs. A letter from a knowledgeable and qualified expert stating that there is a low risk of seismic activity from the proposed injection activities is included in **Attachment 6**.

XIII – Proof of Notice

A Public Notice was filed with the Hobbs News-Sun newspaper and an affidavit is included in **Attachment 7**.

A copy of the application was mailed to the OCD District Office, landowner, and leasehold operators within 1-mile of the proposed SWD location. A list of the recipients, as well as delivery confirmations, are included in *Attachment 7*.

Attachments

Attachment 1: Wellbore Diagram

Attachment 2: Area of Review Information:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1.5-mile Deep SWD Map (Devonian/Silurian SWDs)
- 1-mile Well Detail List
- Potash Lease Map

Attachment 3: Source Water Analyses

Attachment 4: Injection Formation Water Analyses

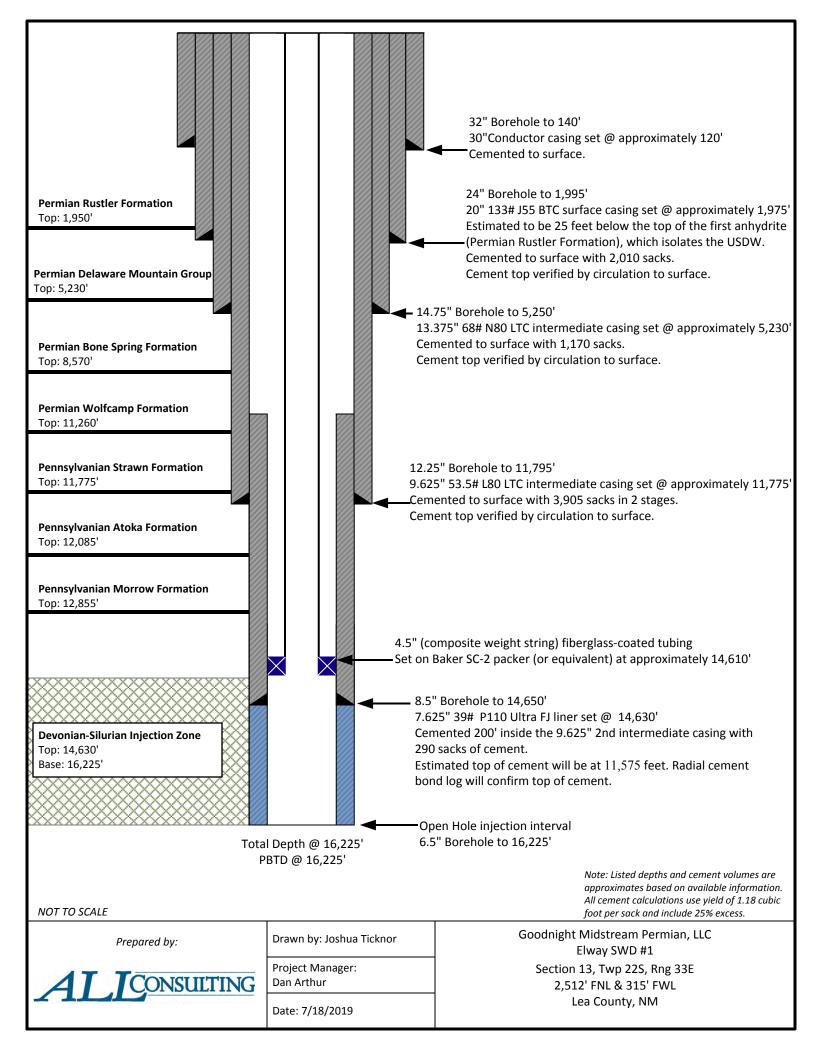
Attachment 5: Water Well Map and Well Data

Attachment 6: Induced Seismicity Assessment Letter

Attachment 7: Public Notice Affidavit and Notice of Application Confirmations

Attachment 1

Wellbore Diagram



A-3 and AL-2 LOK-SET Retrievable Casing Packers

Product Family No. H64630 and H64628

APPLICATION

The A-3™ LOK-SET™ packer combines advantages of a retrievable packer with the features of a permanent packer. An ability to lock down tubing forces makes the A-3 suitable for a broad range of applications, including production, injection, zone isolation, and remedial operations. The AL-2™ LOK-SET packer is similar to the A-3, and has a larger bore.

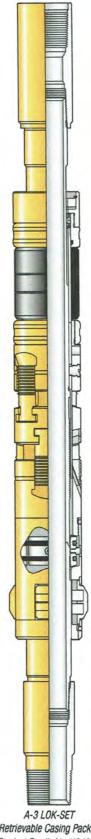
Advantages

- Holds pressure from above and below, without relying on set-down weight, tubing tension, or hydraulic hold down
- Provides tubing anchoring with tension applied, suitable for pumping wells or injection, controlling tubing forces related to change fluid temperatures
- Opposed, non-transferring, dovetail slips prevent packer movement associated with changing differential pressures, while allowing the landing of the tubing in tension, neutral or compression
- Right-hand tubing rotation controls setting and releasing
- Packing element compression locks in by ratcheting action of lock segments, which restricts rotation to one direction

Accessories

To provide a simple and reliable injection system for retrieving an injection string without having to unseat the packer:

L-10 or L-316 on-off sealing connectors, Product Family Nos. H68420 and H68422. Baker Hughes blanking plug can be used in the seating nipple profile of the on-off sealing connector to provide a means of plugging the lower zone while the tubing is being pulled.



Retrievable Casing Packer Product Family No. H64630

SPECIFICATION GUIDES

A-3™ LOK-SET Retrievable Casing Packer, Product Family No. H64630

	Casing				Packer		
01	0	Weight *	Size	Nom	ID	Max G Ring	
in.	mm	lb/ft		in.	mm	in.	mm
4	101.6	9.5-12.9	41A2	1.500	38.1	3.244	82.4
4-1/2	144.3	21.6-23.6	41A2	1.500	38.1	3.244	82.4
4	101.6	9.5	41A4	1.500	38.1	3.423	112.4
-	10110	18.8	41A4	4.500	20.4	3.423	112.4
		13.5-17.7	41B	1.500	38.1	3.578	90.9
4-1/2	114.3	11.6-13.5	43A2			3.786	96.2
		9.5-10.5	43A4	1.978	50.2	3.786	96.2
		15–18	438			4.140	105.2
5	127.0	11.5-15	43C	1.978	50.2	4.265	108.3
		26	43C		10 00 11	4.265	108.3
		20-23	45A2			4.515	114.7
5-1/2	139.7	15.5 –20	45A4	1.978	50.2	4.656	118.3
		13-15.5	45B			4.796	121.8
		26	45B			4.796	121.8
6	152.4	20-23	45C	1.978	50.2	5.078	129.0
u	TOLIT	15–18	45D		3.73	5.171	131.3
		34	45E			5.421	137.7
		24-32	45F	1.978	50.2	5.499	139.7
6-5/8	168.3	24	47A2	1.978	62.0	5.671	144.0
0 0/0	100.0	17-24	45G	1.978	50.2	5.796	147.2
		17-20	47A4	2.441	62.0	5.827	148.0
		38	47A2			5.671	144.0
		32-35	47A4	1		5.827	148.0
7	177.8	26-29	47B2	2.441	62.0	5.983	152.0
		23-26	47B4	1		6.093	154.8
		17-20	47C2	1		6.281	159.5
		33.7–39	47C4	1		6.468	164.3
7-5/8	193.7	24-29.7	47D2	2.441	62.0	6.687	169.9
		20-24	47D4			6.827	173.4
		44-49	49A2			7.327	186.1
8-5/8	219.1	32-40	49A4	3.500	88.9	7.546	191.7
		20-28	49B		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.796	198.0
		47-53.5	51A2			8.234	209.1
9-5/8	244.5	40-47	51A4	3.500	88.9	8.452	214.7
2000	13444	29.3-36	51B			8.608	218.6

AL-2™ Large Bore LOK-SET Retrievable Casing Packer Product Family No. H64628

Cas	ing		Packer										
OD		Weight *	Size	Non	n ID	Max Gage	e Ring OD	Max Dlar Compressed					
in.	mm	lb/ft		in.	mm	in.	mm	in.	mm				
		20	45A2 x 2-3/8			4.562	115.9	4.592	116.6				
5-1/2	139.7	15.5-17	45A4 x 2-3/8	2.375	60.3	4.656	118.3	4.750	120.7				
		13	45B x 2-3/8			4.796	121.8	4.902	124.5				
6	152.4	26	45B x 2-3/8	2.375	60.3	4.796	121.8	4.902	124.5				

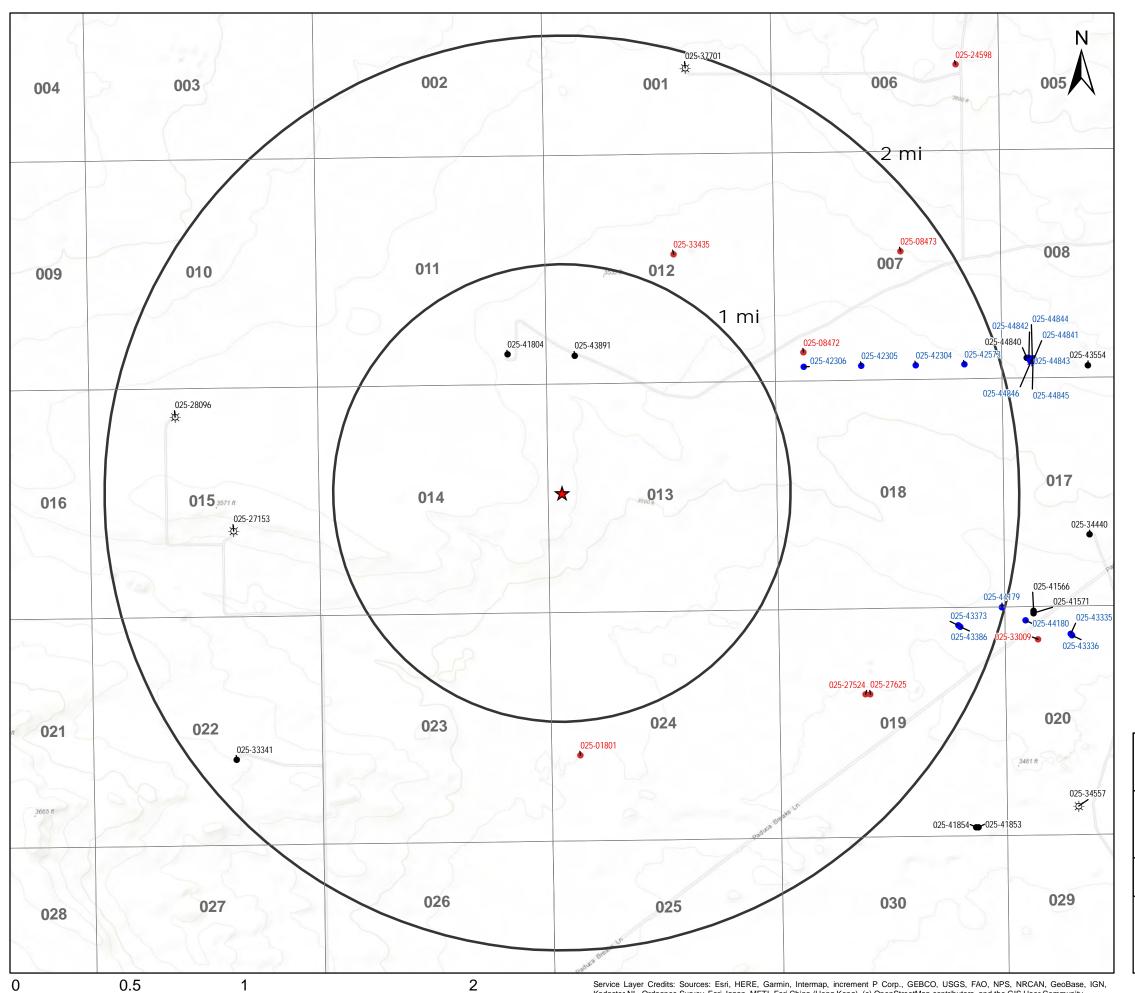
[•] When selecting a packer for a casing weight common to two weight ranges (same OD), choose the packer size shown for the lighter of the two weight ranges. Example: for 7-in. (177.8 mm) OD 26 lb/ft casing use packer size 4784. Under certain circumstances the other packer size may be run, such as when running in mixed casing strings.

Repair kits, including such items as packing elements, seal rings, etc., are available for redressing Baker Retrievable Packers. Contact your Baker Hughes representative. Use only Baker Hughes repair parts.

Attachment 2

Area of Review Information:

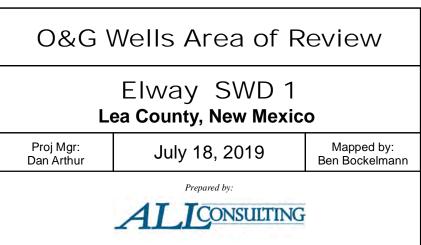
- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1.5-mile Deep SWD Map (Devonian/Silurian SWDs)
- 1-mile Well Detail List
- Potash Lease Map



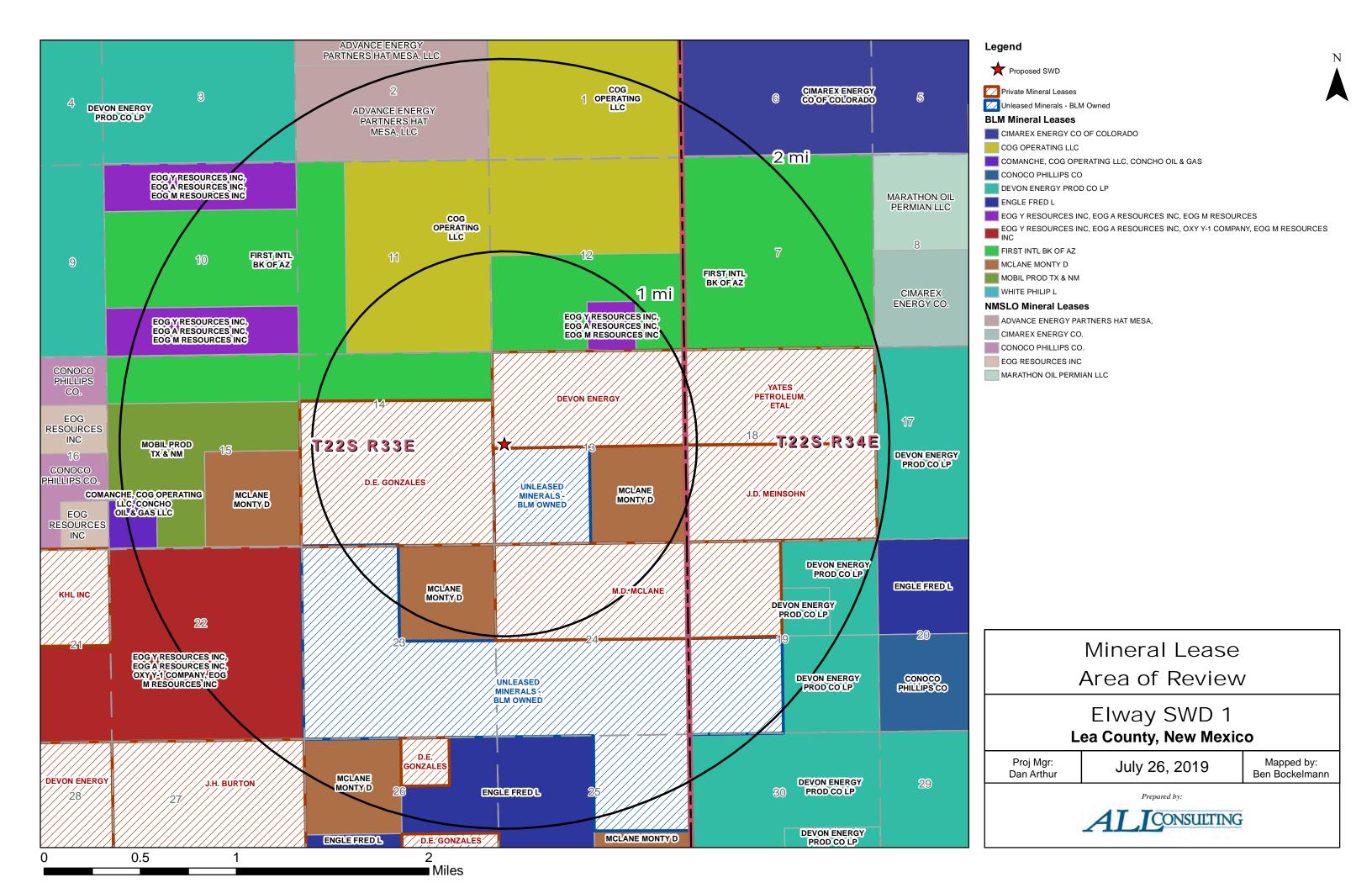
Miles

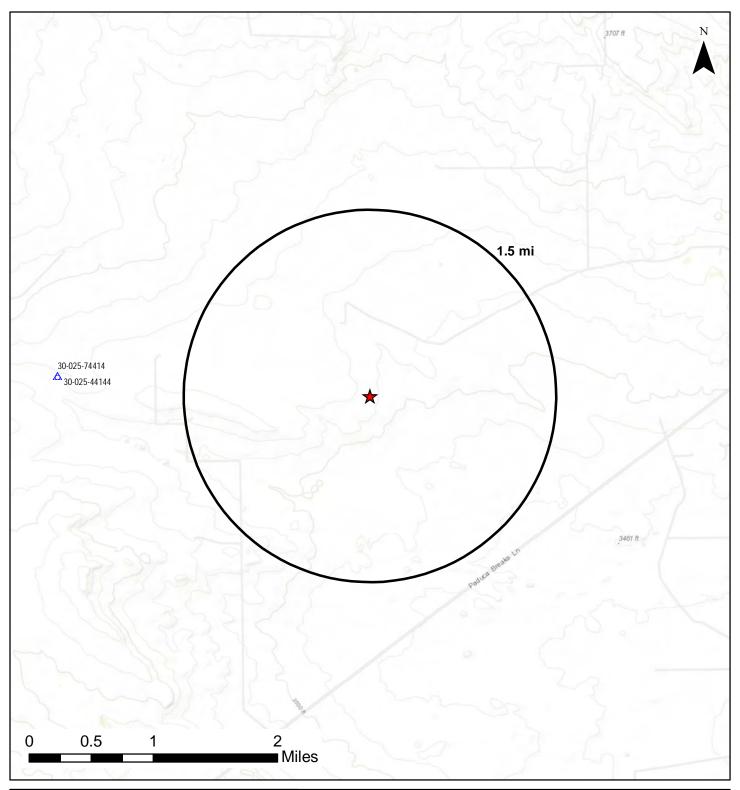
Legend

- Proposed SWD
- Gas, Active (4)
- Gas, New (3)
- Oil, Active (10)
- Oil, New (13)
- Oil, Plugged (8)



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community







Legend

*

Proposed SWD

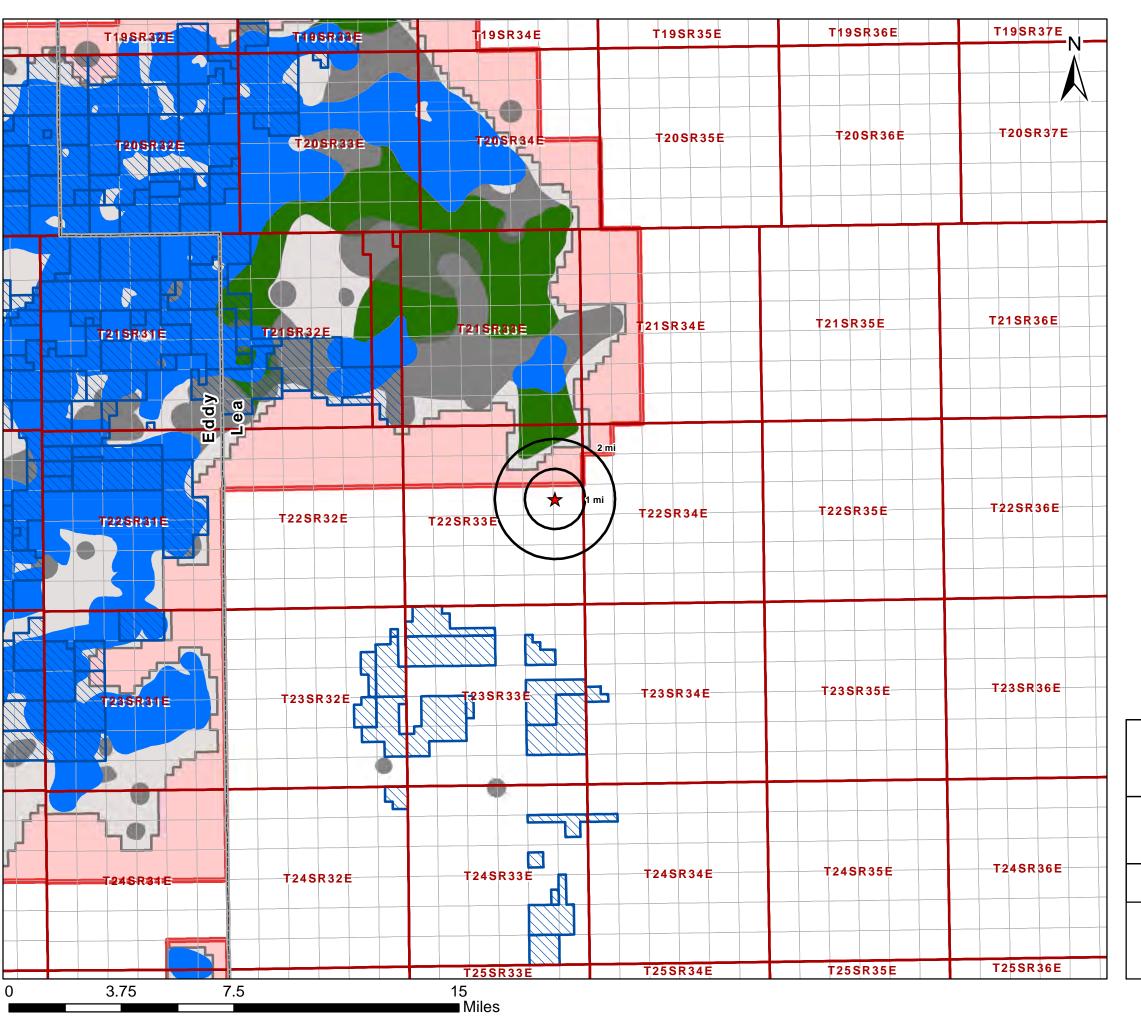
Devonian/Silurian SWDs

- △ Salt Water Injection, Active (0)
- △ Salt Water Injection, New (2)

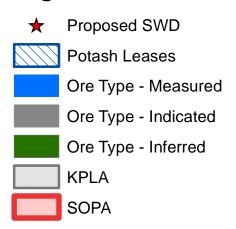
Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

	AOR Tabulation for Elway SWD 1 (Top of Injection Interval: 14,630')												
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?						
TENDERLOIN FEDERAL COM #004H	30-025-43891	0	COG OPERATING LLC	10/1/2017	M-12-22S-33E	10878	No						
BEVO 11 FEDERAL #004H	30-025-41804	0	COG OPERATING LLC	10/25/2014	P-11-22S-33E	10914	No						

Notes: No wells within the 1-mile AOR penetrate the injection interval.



Legend





Attachment 3

Source Water Analyses

PRDUCED WATER FROM BONE SPRING, DELAWARE, DEVONIAN, WOLFCAMP

API	SECTION	TOWNSHIP	RANGE	FORMATION	tds mgL	chloride mgL	bicarbonate mgL	sulfate mgL
3002502424	11	205	34E	BONE SPRING	29436	16720	634	1142
3002502427	12	205	34E	BONE SPRING	15429			
3002502427	12	205	34E	BONE SPRING	180701	108300	1016	670
3002502429	12	205	34E	BONE SPRING	202606	118100	5196	992
3002502429	12	205	34E	BONE SPRING	121800			
3002502431	12	205	34E	BONE SPRING	147229	89640	108	1038
3002531696	2	205	34E	DELAWARE	152064	102148	404	691
3002532105	2	205	34E	DELAWARE	296822	215237	143	294
3002532466	2	205	34E	DELAWARE	340838	245270	229	147
3002502427	12	205	34E	DELAWARE	214787	132700	208	1816
3002502431	12	205	34E	DEVONIAN	33414	18570	227	1961
3002502432	13	205	34E	DEVONIAN	45778	26440	1145	729
3002501912	16	165	34E	WOLFCAMP	164004	102500	4204	1249
3002501922	20	165	34E	WOLFCAMP	104541	64290	280	541
3002501922	20	165	34E	WOLFCAMP	104033	64080	268	515
3002501922	20	165	34E	WOLFCAMP	105175	65570	207	192
3002501925	21	165	34E	WOLFCAMP	86355	51800	610	665
3002501928	21	165	34E	WOLFCAMP	119102	73300	227	454
3002501928	21	165	34E	WOLFCAMP	35422	19170	979	1949
3002501930	22	165	34E	WOLFCAMP	30015	14800	750	3300
3002501931	22	165	34E	WOLFCAMP	87680	53000	301	681
3002501933	28	165	34E	WOLFCAMP	59960	35100	515	1500
3002501933	28	168	34E	WOLFCAMP	60309	35350	586	1297
3002501940	30	165	34E	WOLFCAMP	82422	49890	361	787
3002501944	30	165	34E	WOLFCAMP	83960	51410	418	641
3002520222	27	165	34E	WOLFCAMP	85457	51020	544	1201
3001542895	2	235	31E	WOLFCAMP	119472	73173		1036

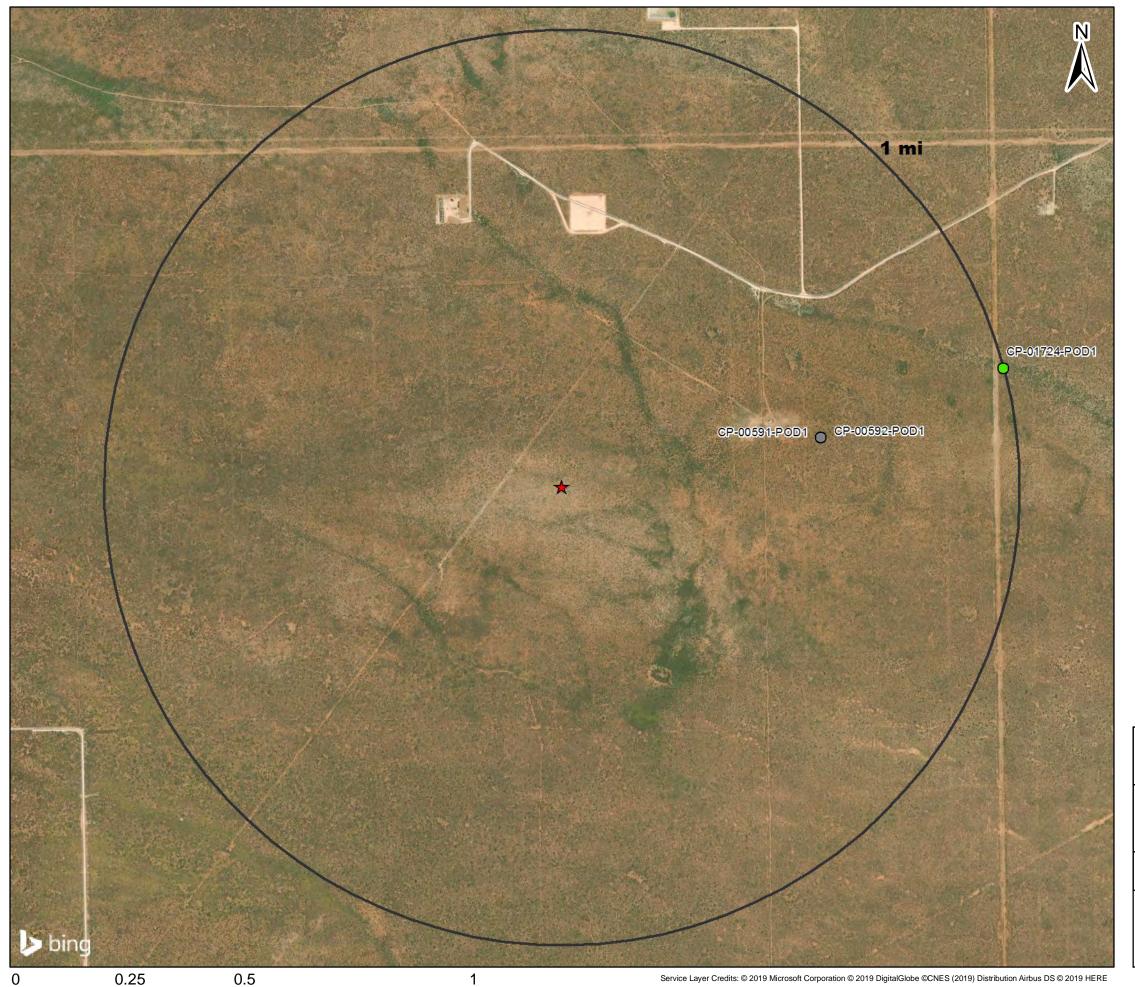
Attachment 4

Injection Formation Water Analyses

	Injection Formation Water Analysis																		
	Goodnight Midstream Permian, LLC - Devonian, Fusselman & Silurian formations																		
Wellname	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgew	County	State	Field	Formation	Sample Date	рН	Tds_mgL	Chloride_mgL	Bicarbonate_mgL	Sulfate_mgL
E O CARSON #016	3002506987	32.4407959	-103.1737061	33	215	37E	D	660N	860W	LEA	NM	BRUNSON	FUSSELMAN			100,876	59,330	878	2,929
BELL LAKE UNIT #006	3002508483	32.3282585	-103.507103	6	23S	34E	0	660S	1980E	LEA	NM	BELL LAKE NORTH	DEVONIAN		7	71,078	42,200	500	1,000
CLINE FEDERAL #001	3002510717	32.3025551	-103.1358261	14	235	37E	K	1980S	1980W	LEA	NM	CLINE	DEVONIAN			118,979	71,280	462	2,593
E C HILL B FEDERAL #001	3002510945	32.2658463	-103.1443634	34	23S	37E	Α	810N	660E	LEA	NM	TEAGUE	DEVONIAN			112,959	67,390	288	2,765
E C HILL D FEDERAL #001	3002510947	32.2622147	-103.1443634	34	235	37E	Н	2131N	660E	LEA	NM	TEAGUE	DEVONIAN			35,639			
E C HILL D FEDERAL #004	3002510950	32.2653503	-103.1443634	34	23S	37E	Α	990N	660E	LEA	NM	TEAGUE	DEVONIAN			236,252	147,000	129	781
ANTELOPE RIDGE UNIT #003	3002521082	32.2593155	-103.4610748	34	235	34E	K	1980S	1650W	LEA	NM	ANTELOPE RIDGE	DEVONIAN	11/14/67	6.9	80,187	47,900	476	900
STATE B COM #001	3002509716	32.1794052	-103.2212524	36	245	36E	С	600N	1880W	LEA	NM	CUSTER	DEVONIAN			176,234	107,400	128	1,004
ELLIOTT H FEDERAL #001	3002512272	32.1756325	-103.0931931	31	245	38E	Н	1980N	660E	LEA	NM	DOLLARHIDE	DEVONIAN			58,687			
ELLIOTT H FEDERAL #001	3002512272	32.1756325	-103.0931931	31	245	38E	Н	1980N	660E	LEA	NM	DOLLARHIDE	DEVONIAN			57,018			
WEST DOLLARHIDE DEVONIAN UNIT #104	3002512297	32.1720123	-103.0761032	32	245	38E		1980S	660E	LEA	NM	DOLLARHIDE	DEVONIAN			50,858	30,200	183	980
Source:	http://gotech.i	nmt.edu/gotech,	/Water/produce	dwater.asp:	x														

Attachment 5

Water Well Map and Well Data



Miles

Legend

★ Proposed SWD

NMOSE PODs

Status

- Active (1)
- Pending (1)
- Change Location of Well (0)
- Capped (0)
- Plugged (0)
- Incomplete (0)
- Unknown (1)

Water Wells Area of Review

Elway SWD 1 Lea County, New Mexico

Proj Mgr: Dan Arthur

August 12, 2019

Prepared by:

Mapped by: Ben Bockelmann



			Water Well Sampling I	Rationale							
	Goodnight Midstream Permian, LLC - Elway SWD 1										
SWD	Water Wells	Owner	Available Contact Information	Use	Sampling Required	Notes					
			P.O. Box 548								
Elway SWD 1	CP-00591 POD 1	The Merchant Livestock	Carlsbad, NM	Livestock watering	Yes	Sampled on 8-6-2019. Results are shown below.					
Liway SVVD 1	Cr-0033110D1	Company	Landowner:	Livestock watering	163	Sampled on 8-0-2013. Results are shown below.					
			Spencer@merchantlivestock.com								
			P.O. Box 548								
Elway SWD 1	CP-00592 POD 1	The Merchant Livestock	Carlsbad, NM	Livestock watering	No	Well was not in an operational state, and as					
Elway SWD 1	CF-00392 POD 1	Company	Landowner:	Livestock Watering	INU	such, no water sample was collected.					
			Spencer@merchantlivestock.com								



August 27, 2019

NATE ALLEMAN
ALL CONSULTING, LLC
1718 S. CHEYENNE AVE.
TULSA, OK 74119

RE: GOODNIGHT MIDSTREAM

Enclosed are the results of analyses for samples received by the laboratory on 08/06/19 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Reported:

27-Aug-19 10:22



Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Project Number: EUNICE NM

Project Manager: NATE ALLEMAN

Fax To: NA

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CP 00591 POD 1	H902694-01	Water	06-Aug-19 09:00	06-Aug-19 12:15

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Celey D. Keine



Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Project Number: EUNICE NM

E INIYI

Project Manager: NATE ALLEMAN

Fax To: NA

Reported: 27-Aug-19 10:22

CP 00591 POD 1 H902694-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	nal Laborat	ories					
Inorganic Compounds										
Alkalinity, Bicarbonate	229		5.00	mg/L	1	9080208	AC	07-Aug-19	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	9080208	AC	07-Aug-19	310.1	
Chloride*	204		4.00	mg/L	1	9080707	AC	07-Aug-19	4500-Cl-B	
Conductivity*	2090		1.00	uS/cm	1	9080705	AC	07-Aug-19	120.1	
pH*	7.83		0.100	pH Units	1	9080705	AC	07-Aug-19	150.1	
Resistivity	4.78			Ohms/m	1	9080705	AC	07-Aug-19	120.1	
Sulfate*	731		250	mg/L	25	9080802	AC	08-Aug-19	375.4	
TDS*	1510		5.00	mg/L	1	9080518	AC	09-Aug-19	160.1	
Alkalinity, Total*	188		4.00	mg/L	1	9080208	AC	07-Aug-19	310.1	
TSS*	2.00		2.00	mg/L	1	9080803	AC	12-Aug-19	160.2	

Green Analytical Laboratories

Total Recoverable Metals by	y ICP (E200.7)							
Barium*	< 0.250	0.250	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Calcium*	52.3	0.500	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Hardness as CaCO3	277	3.31	mg/L	5	[CALC]	AES	14-Aug-19	2340 B
Iron*	0.348	0.250	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Magnesium*	35.5	0.500	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Potassium*	< 5.00	5.00	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Sodium*	392	5.00	mg/L	5	B908110	AES	14-Aug-19	EPA200.7
Strontium*	2.26	0.500	mg/L	5	B908110	AES	14-Aug-19	EPA200.7

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Celey D. Keine

11 35 . 1 1 TOD (DAGGE)



Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Project Number: EUNICE NM

Project Manager: NATE ALLEMAN

Fax To: NA

Reported: 27-Aug-19 10:22

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 9080208 - General Prep - Wet Chem										
Blank (9080208-BLK1)				Prepared &	દે Analyzed:	02-Aug-19)			
Alkalinity, Carbonate	ND	1.00	mg/L							
Alkalinity, Bicarbonate	5.00	5.00	mg/L							
Alkalinity, Total	4.00	4.00	mg/L							
LCS (9080208-BS1)				Prepared &	k Analyzed:	02-Aug-19)			
Alkalinity, Carbonate	ND	2.50	mg/L				80-120			
Alkalinity, Bicarbonate	318	12.5	mg/L				80-120			
Alkalinity, Total	260	10.0	mg/L	250		104	80-120			
LCS Dup (9080208-BSD1)				Prepared &	દે Analyzed:	02-Aug-19)			
Alkalinity, Carbonate	ND	2.50	mg/L				80-120		20	
Alkalinity, Bicarbonate	305	12.5	mg/L				80-120	4.02	20	
Alkalinity, Total	250	10.0	mg/L	250		100	80-120	3.92	20	
Batch 9080518 - Filtration										
Blank (9080518-BLK1)				Prepared:	05-Aug-19	Analyzed: (06-Aug-19			
TDS	ND	5.00	mg/L							
LCS (9080518-BS1)				Prepared:	05-Aug-19	Analyzed: (06-Aug-19			
TDS	531		mg/L	527		101	80-120			
Duplicate (9080518-DUP1)	Sou	rce: H902613	3-05	Prepared:	05-Aug-19	Analyzed: (06-Aug-19			
TDS	8300	5.00	mg/L	·	8370	·		0.840	20	
Batch 9080705 - General Prep - Wet Chem										
LCS (9080705-BS1)				Prepared &	k Analyzed:	07-Aug-19)			
Conductivity	456	<u> </u>	uS/cm	500		91.2	80-120			
pH	7.04		pH Units	7.00		101	90-110			

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keine

%REC



Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Spike

Project Number: EUNICE NM

Source

Reported: 27-Aug-19 10:22

RPD

Project Manager: NATE ALLEMAN

Fax To: NA

Inorganic Compounds - Quality Control

Cardinal Laboratories

Reporting

20.8

10.0

mg/L

20.0

104

80-120

6.90

20

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 9080705 - General Prep - Wet Chem										
Duplicate (9080705-DUP1)	Source	e: H902694	-01	Prepared &	Analyzed:	07-Aug-19				
рН	7.86	0.100	pH Units		7.83			0.382	20	
Conductivity	2080	1.00	uS/cm		2090			0.480	20	
Resistivity	4.81		Ohms/m		4.78			0.480	20	
Batch 9080707 - General Prep - Wet Chem										
Blank (9080707-BLK1)				Prepared &	Analyzed:	07-Aug-19				
Chloride	ND	4.00	mg/L							
LCS (9080707-BS1)				Prepared &	Analyzed:	07-Aug-19				
Chloride	100	4.00	mg/L	100		100	80-120			
LCS Dup (9080707-BSD1)				Prepared &	Analyzed:	07-Aug-19				
Chloride	104	4.00	mg/L	100		104	80-120	3.92	20	
Batch 9080802 - General Prep - Wet Chem										
Blank (9080802-BLK1)				Prepared &	: Analyzed:	08-Aug-19				
Sulfate	ND	10.0	mg/L							
LCS (9080802-BS1)				Prepared &	Analyzed:	08-Aug-19				
Sulfate	19.5	10.0	mg/L	20.0		97.3	80-120			
LCS Dup (9080802-BSD1)				Prepared &	Analyzed:	08-Aug-19				

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Sulfate



Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Spike

Source

DSTREAM Reported: 27-Aug-19 10:22

%REC

RPD

Project Number: EUNICE NM
Project Manager: NATE ALLEMAN

Fax To: NA

Inorganic Compounds - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 9080803 - Filtration										
Blank (9080803-BLK1)				Prepared: 0	8-Aug-19 A	Analyzed: 1	2-Aug-19			
TSS	ND	2.00	mg/L							
Duplicate (9080803-DUP1)	Source:	Н902694-	01	Prepared: (8-Aug-19 A	Analyzed: 1	2-Aug-19			
TSS	3.00	2.00	mg/L		2.00			40.0	52.7	

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Analytical Results For:

ALL CONSULTING, LLC 1718 S. CHEYENNE AVE. TULSA OK, 74119 Project: GOODNIGHT MIDSTREAM

Project Number: EUNICE NM

Project Manager: NATE ALLEMAN

Fax To: NA

Reported: 27-Aug-19 10:22

Total Recoverable Metals by ICP (E200.7) - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch B908110 -	Total Rec. 200.7/200.8/200.2	

Blank (B908110-BLK1)				Prepared: 13-Au	g-19 Analyzed: 1	4-Aug-19			
Iron	ND	0.050	mg/L						
Sodium	ND	1.00	mg/L						
Barium	ND	0.050	mg/L						
Potassium	ND	1.00	mg/L						
Calcium	ND	0.100	mg/L						
Magnesium	ND	0.100	mg/L						
Strontium	ND	0.100	mg/L						
LCS (B908110-BS1)				Prepared: 13-Au	g-19 Analyzed: 1	4-Aug-19			
Strontium	3.94	0.100	mg/L	4.00	98.4	85-115			
Sodium	3.14	1.00	mg/L	3.24	96.8	85-115			
Potassium	7.84	1.00	mg/L	8.00	98.0	85-115			
Magnesium	20.5	0.100	mg/L	20.0	103	85-115			
Iron	4.01	0.050	mg/L	4.00	100	85-115			
Calcium	4.06	0.100	mg/L	4.00	102	85-115			
Barium	1.99	0.050	mg/L	2.00	99.6	85-115			
LCS Dup (B908110-BSD1)				Prepared: 13-Au	g-19 Analyzed: 1	4-Aug-19			
Potassium	7.70	1.00	mg/L	8.00	96.3	85-115	1.82	20	
Iron	4.00	0.050	mg/L	4.00	100	85-115	0.294	20	
Sodium	3.06	1.00	mg/L	3.24	94.4	85-115	2.45	20	
Calcium	3.99	0.100	mg/L	4.00	99.7	85-115	1.89	20	
Strontium	3.94	0.100	mg/L	4.00	98.4	85-115	0.00569	20	
Barium	1.98	0.050	mg/L	2.00	99.1	85-115	0.485	20	
Magnesium	20.5	0.100	mg/L	20.0	102	85-115	0.203	20	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name.	MICHONSULTING CIC	(3	8/14/10	ANALYSIS REQUEST	
Project Manager:	1		P.O. #:	- 1	
Address: / 7/8	S C14548		Company:		
City: Tues pa	State: OK	State: ○ K Zip: 74119	Attn:		
Phone #: (9/8)	382-7581	Fax#: (918) 382-7582	Address:		
Project #:	Project Owner:	ā	City:	?	
Project Name: (GOODLIGHT BIRSTREAM	3	State: Zip:	S	
Project Location:	SUNICE X	2	Phone #:		
Sampler Name:	Course		Fax #:		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	AB OR (C)OMP NTAINERS UNDWATER TEWATER	DGE ER: (BASE: COOL ER:	STAL N	
1100001	CPOSSI PODI	/ # / G / w s	A 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 850	
2		x 10 1	7 7	(
ω		× u 7)/\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	100	
4		7	> 4		
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Car	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lort, shall be limited to the amount paid by the client for the analyses. All claims including those for neitigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days and completion of the applicable service. In no event shall Cardinal be liable for incidental or possequent at means a policy of the production.	any claim arising whether based in controlled the controlled waived unless made in writing a differentiation business interruption.	act or tort, shall be limited to the amount paid by the and received by Cardinal within 30 days after complete the street	client for the	
Relinquished By:	affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Reclinquished By: Received, By: Phone Results Received, By:	Received, By:	m is based upon any of the above stated reasons or Pho	ons or otherwise. Phone Result: ☐ Yes ☐ No Add'I Phone #:	

Relinquished By:

Date:

Received By:

Phone Result:
Fax Result:
REMARKS:

☐ Yes

N 8

Add'l Phone #: Add'l Fax #:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

0.90

Sample Condition Cool Intact

W3C Aves Aves
No No

CHECKED BY: (Initials)

2423

RESUUS

Relleman@all-ile. com

4

Time:

Attachment 6

Induced Seismicity Assessment Letter

August 16, 2019

Mr. Phillip Goetze, P.G. NM EMNRD – Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Subject: Induced Seismicity Potential Statement for the Elway SWD 1

Dear Mr. Goetze,

This letter provides information regarding the seismic potential associated with injection operations associated with Goodnight Midstream Permian, LLC (Goodnight), proposed Elway SWD 1, hereinafter referred to as the "Subject Well."

As outlined herein, based on my experience as an expert on the issue of induced seismicity, it is my opinion that the potential for the proposed injection well to cause injection-induced seismicity is expected to be minimal, at best. This conclusion is based on (1) the lack of historic seismic activity and faulting in the area, (2) the low fault slip potential (FSP) of Precambrian faults in the area, (3) the presence of confining layers, and (4) the overall vertical distance between the proposed injection zone and basement rock.

The Subject Well, is located 2,512 FNL & 315 FWL of Section 13, in T22-S and R33-E of Lea County, New Mexico. Historically, the Eddy and Lea Counties area has experienced very limited recorded seismic activity (per the U.S. Geological Survey [USGS] earthquake catalog database). There has been one known seismic events located within a 25-mile radius of the proposed Subject Well. The closest recorded seismic event was a M2.9 that occurred on December 4th, 1984, and was located approximately 8.8 miles south of the Subject Well (See Exhibit 1). The closest Class IID well injecting into the same formations (Devonian-Silurian) of the Subject Well is approximately 2.5 miles to the west (See Exhibit 1).

Goodnight does not own either 2D or 3D seismic reflection data in the area of the Subject Well. Fault data from USGS indicates that the closest known fault is approximately 1.2 miles northeast of the Subject Well (See Exhibit 1).

In a recent paper written by Snee and Zoback (2018) entitled "State of Stress in the Permian Basin, Texas and New Mexico: Implications for Induced Seismicity,", the authors found that large groups of mostly north-south striking Precambrian basement faults, predominantly located along the Central Basin Platform, the western Delaware Basin, and large parts of the Northwest Shelf (which includes Eddy and Lea counties, New Mexico) have low FSP at the modeled fluid-pressure

perturbation. The map in Exhibit 2 depicts the low probability risk of FSP for the Delaware Basin and Northwest Shelf areas (Snee and Zoback 2018).

Geologic analysis indicates that the proposed Devonian-Silurian injection zone is overlain by approximately 200 to 400 feet of Woodford Shale, which is the upper confining zone and will serve as a barrier for upward injection fluid migration. Additionally, the Simpson Group that lies directly below the Montoya Formation will act as a lower confining zone to prohibit fluids from migrating downward into the underlying Ellenberger Formation and Precambrian basement rock. See the stratigraphic column for the Delaware Basin included in Exhibit 3.

In the Eddy and Lea Counties area of New Mexico, the Simpson Group is comprised of a series of Middle to Upper Ordovician carbonates, several sandstones, and sandy shales that range from approximately 350 to 650 feet thick (Jones 2008). This group of rocks is capped by the limestones of the Bromide Formation, which is approximately 200 feet thick in this area (Jones 2008). The closest deep well drilled into the Precambrian basement was completed by the Skelly Oil Company in 1975. This well is located in Section 17, Range 36E, Township 25S of Lea County (API No.30-025-25046) and encountered 602 feet of Ellenburger Formation before reaching the top of the Precambrian granite at a depth of 18,920 feet. Based on the estimated thickness of the Simpson Group and Ellenburger Formation in this area, the Precambrian basement should be approximately 1,000 to 1,200 feet below the bottom of the proposed injection zones in the Subject Well.

Conclusion

As an expert on the issue of induced seismicity, it is my opinion that the potential for the proposed injection well to cause injection-induced seismicity is expected to be minimal, at best. This conclusion is based on (1) the lack of historic seismic activity and faulting in the area, (2) the low FSP of Precambrian faults in the area, (3) the presence of confining layers, and (4) the overall vertical distance between the proposed injection zone and basement rock.

Sincerely, ALL Consulting

J. Daniel Arthur, P.E., SPEC President and Chief Engineer

Enclosures References Exhibits Induced Seismicity Potential Statement for the Elway FED SWD 1 August 16, 2019

References

Induced Seismicity Potential Statement for the Elway FED SWD 1 August 16, 2019

Ball, Mahlon M. 1995. "Permian Basin Province (044)." In *National Assessment of United States Oil and Gas Resources—Results, Methodology, and Supporting Data*. U.S. Geological Survey. https://certmapper.cr.usgs.gov/data/noga95/prov44/text/prov44.pdf (accessed June 18, 2018).

Green, G.N., and G.E. Jones. 1997. "The Digital Geologic Map of New Mexico in ARC/INFO Format." U.S. Geological Survey Open-File Report 97-0052. https://mrdata.usgs.gov/geology/state/state.php?state=NM (accessed June 14, 2018).

Jones, Rebecca H. 2008. "The Middle-Upper Ordovician Simpson Group of the Permian Basin: Deposition, Diagenesis, and Reservoir Development." http://www.beg.utexas.edu/resprog/permianbasin/PBGSP_members/writ_synth/Simpson.pdf (accessed June 19, 2018).

Snee, Jens-Erik Lund, and Mark D. Zoback. 2018. "State of Stress in the Permian Basin, Texas and New Mexico: Implications for Induced Seismicity." *The Leading Edge* 37, no. 2 (February 2018): 127-34.

U.S. Geological Survey (USGS). No date. Earthquakes Hazard Program: Earthquake Catalog. https://earthquake.usgs.gov/earthquakes/search/ (accessed June 14, 2018).

Induced Seismicity Potential Statement for the Elway FED SWD 1 August 16, 2019

Exhibits

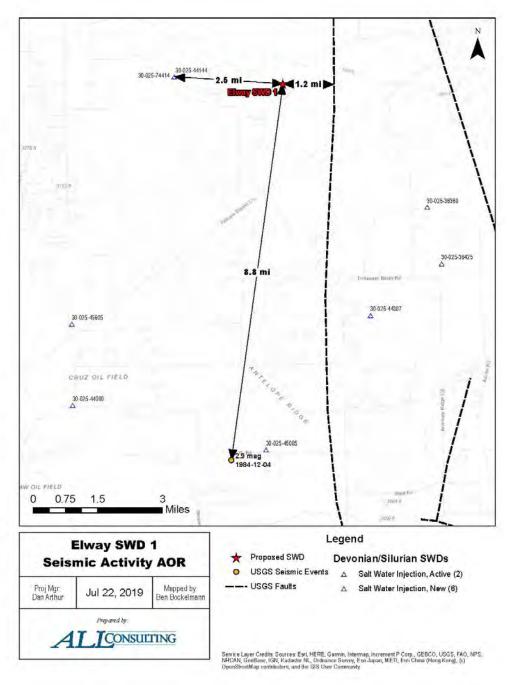


Exhibit 1. Map Showing the Distances from Known and Inferred Faults, Seismic Event, and Closest Deep Injection Well

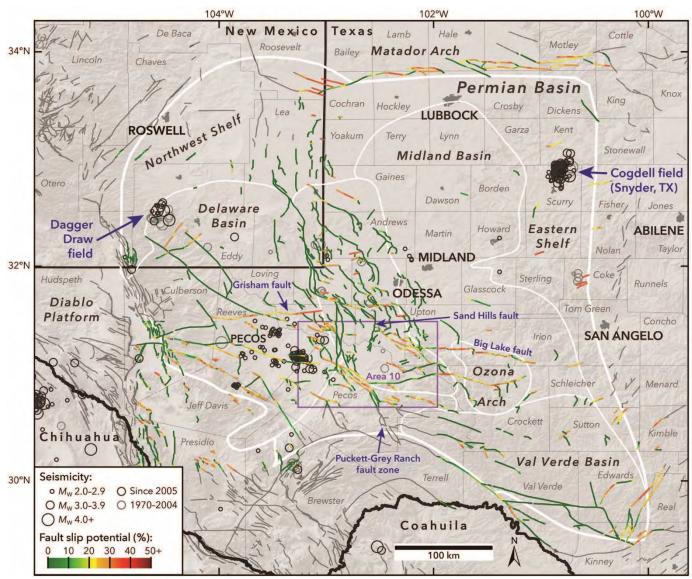


Exhibit 2. Results of the Snee and Zoback (2018) Probabilistic FSP Analysis Across the Permian Basin

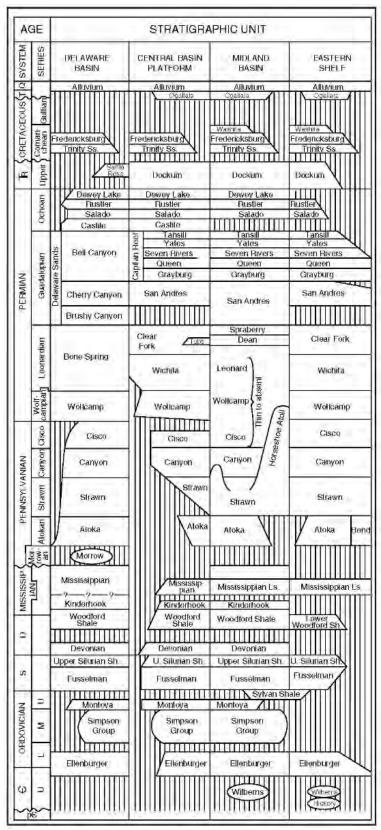


Exhibit 3. Delaware Basin Stratigraphic Chart (Ball 1995)

Attachment 7

Public Notice Affidavit and Notice of Application Confirmations

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated August 17, 2019 and ending with the issue dated August 17, 2019.

Publisher

Sworn and subscribed to before me this 17th day of August 2019.

Business Manager

My commission expires

January 29, 2023

(Seal)

OFFICIAL SEAL

GUSSIE BLACK

Notary Public

State of New Mexico

My Commission Expires 29-23

Black

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL

LEGAL

LEGAL NOTICE AUGUST 17, 2019

APPLICATION FOR AUTHORIZATION TO INJECT

NOTICE IS HEREBY GIVEN: That Goodnight Midstream Permian, LLC, 5910 N Central Expressway, Suite 850, Dallas, TX 75206, is requesting that the New Mexico Oil Conservation Division administratively approve the APPLICATION FOR AUTHORIZATION TO INJECT as follows:

PURPOSE: The intended purpose of the injection well is to dispose of salt water produced from permitted oil and gas wells.

WELL NAME AND LOCATION: Elway SWD 1
Located 22.09 miles West from Eunice, NM
SW ½ NW ½, Section 13, Township 22S, Range 33E
2,512' FNL & 315' FWL
Lea County, NM

NAME AND DEPTH OF DISPOSAL ZONE: Devonian - Silurian (14.630' - 16.225')
EXPECTED MAXIMUM INJECTION RATE: 30.000
Bbls/day
EXPECTED MAXIMUM INJECTION PRESSURE: 2.926 psi
(surface)

Objections or requests for hearing must be filed with the New Mexico Oil Conservation Division within fifteen (15) days. Any objection or request for hearing should be mailed to the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505.

Additional information may be obtained by contacting Nate Alleman at 918-382-7581.

67115320

00232240

DANIEL ARTHUR ALL CONSULTING 1718 S. CHEYENNE AVE. TULSA, OK 74119

Elway SWD 1 - Notice of Application Recipients				
Entity	Address	City	State	Zip Code
Landowner				
Merchant Livestock Co., Inc.	P.O. Box 1105	Eunice	NM	88231
OCD District				
NMOCD District 1	1625 N. French Drive	Hobbs	NM	88240
Mineral Owner				
Bureau of Land Management				
Carlsbad Field Office	620 E. Greene Street	Carlsbad	NM	88220-6292
Attention: Chris Walls				
Leasehold Operators				
COG Operating, LLC (COG OPERATING LLC)	600 W. Illinois Ave.	Midland	TX	79701
Daniel E. Gonzales (D.E. Gonzales)	P.O. Box 2475	Santa Fe	NM	87504
Devon Energy Production Company, LP (DEVON ENERGY)	333 W. Sheridan Ave.	Oklahoma City	ОК	73102
EOG A Resources, Inc. (EOG A RESOURCES INC)	P.O. Box 900	Artesia	NM	88211
EOG M Resources, Inc. (EOG M RESOURCES INC)	P.O. Box 840	Artesia	NM	88211
EOG Y Resources, Inc. (EOG Y RESOURCES INC)	104 S. 4th Street	Artesia	NM	88210
First International Bank & Trust - Arizona	2231 E. Camelback Rd., Suite 107	Phoenix	AZ	85016
(FIRST INTL BK OF AZ)				
J.D. Meinsohn	7138 S. Quince St.	Englewood	СО	80112
Monty D. McLane (MCLANE MONTY D) (M.D. MCLANE)	4527 Shady Oak Ct.	Midland	TX	79707
Yates Petroleum, Etal. (YATES PETROLEUM, ETAL)	105 South Fourth Street	Artesia	NM	88210

Notes: The table above shows the Entities who were identified as parties of interest requiring notification on either the 1-mile well detail list (Attachment 2) or on the 2-mile Mineral Lease Map (Attachment 2). The names listed above in parenthesis, are the abbreviated entity names used on either the 1-mile well detail list (Attachment 2) or on the 2-mile Mineral Lease Map (Attachment 2).

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Chris Walls Carlsbad Field Office Bureau of Land Management 620 E. Greene Street Carlsbad NM 88220-6292

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EOG Y Resources, Inc. 104 S. 4th Street Artesia NM 88210-2123

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