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

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

APPLICATION

Goodnight Midstream Permian, LLC ("Goodnight Midstream") (OGRID No. 372311), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-12(B)(15), for an order authorizing injection of produced salt water for purposes of disposal. In support, Goodnight Midstream states the following:

- 1. Attached is a complete Form C-108 application for authorization to inject which contains all the information necessary to authorize the requested approval to inject and filed with the Division for administrative approval on June 28, 2019. See C-108, attached as **Exhibit A**, and incorporated herein.
- 2. Goodnight Midstream proposes to drill a new commercial salt water disposal well to be named **Nolan Ryan G No. 2 Well** (API No. pending), which will be located 785 feet from the south line and 1,605 feet from the east line (Unit O), Section 13, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico.
- 3. The proposed injection disposal interval will be within the Glorieta formation [SWD; Glorieta (Pool Code 91606)] between 5,200 feet and 5,600 feet below the ground through a perforated completion.

- 4. Disposal fluid will be produced salt water from oil and gas wells in the area producing from the Wolfcamp and Bone Spring formations.
- 5. The estimated average surface injection pressure is expected to be approximately 520 psi. The maximum surface injection pressure will be 1,040 psi.
- 6. The granting of this application will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.
- 7. The administrative application was protested. Accordingly, Goodnight Midstream hereby requests that its application be set for hearing pursuant to 19.15.26.8(E) NMAC.

WHEREFORE, Goodnight Midstream Permian, LLC requests that this application be set for hearing before an Examiner of the Oil Conservation Division on September 5, 2019, and, after notice and hearing as required by law, the Division enter an order approving this application.

Respectfully submitted,

HOLLAND MART LLP

Michael H. Feldewert

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ATTORNEYS FOR GOODNIGHT MIDSTREAM PERMIAN, LLC

CASE : Application of Goodnight Midstream Permian, LLC for Approval of a Salt Water Disposal Well, Lea County, New Mexico. Applicant in the abovestyled cause seeks an order authorizing it to drill and operate an injection well for purposes of disposing produced salt water to be named the Nolan Ryan G No. 2 Well (API No. pending), which will be located 785 feet from the south line and 1,605 feet from the east line (Unit O), Section 13, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico. Injection will be into the Glorieta formation [SWD; Glorieta (Pool Code 91606)] between 5,200 feet and 5,600 feet below the ground through a perforated completion. Disposal fluid will be produced water from producing oil and gas wells in the area. Estimated average surface injection pressure is expected to be approximately 520 psi. The maximum surface injection pressure will be 1,040 psi. The subject well will be located approximately 4 miles northwest of Eunice, N.M.

DATEIN	SUSPENSE	ENGINEER	LOGGEDIN	TYPE	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] [A] Location - Spacing Unit - Simultaneous Dedication □ NSL □ NSP □ SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] □ DHC □ CTB □ PLC □ PC □ OLS □ OLM [C]Injection - Disposal - Pressure Increase - Enhanced Oil Recovery □ WFX □ PMX 区 SWD □ IPI □ EOR □ PPR [D]Other: Specify___ **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [A] [B] X Offset Operators, Leaseholders or Surface Owner [C] X Application is One Which Requires Published Legal Notice [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E]For all of the above, Proof of Notification or Publication is Attached, and/or, [F] Waivers are Attached [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. [4] **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. Note: Statement must be completed by an individual with managerial and/or supervisory capacity. Regulatory Specialist - ALL Consulting 6/28/2019 Nate Alleman Print or Type Name Signature Title Date nalleman@all-llc.com

Date e-mail Address

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 Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? X Yes No
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)
Ш	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? Yes X No 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).
*XI.	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
	NAME: TITLE: Regulatory Specialist - ALL Consulting
	SIGNATURE: Nate Alleman DATE: 06/28/2019
	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: Nolan Ryan G 2

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: Nolan Ryan G 2 Location Footage Calls: 785' FSL & 1,605' FEL Legal Location: Unit Letter O, S13 T21S R36E

Ground Elevation: 3,547'

Proposed Injection Interval: 5,200' - 5,600'

County: Lea

(2) Casing Information:

Туре	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface	12-1/4"	9-5/8"	40.0 lb/ft	1,350'	425	Surface	Circulation
Intermediate 1	8-3/4"	7"	26.0 lb/ft	5,650′	850	Surface	Circulation/ CBL
Tubing	6-3/11"	4-1/2"	20.0 lb/ft	5,180'	N/A	N/A	N/A

(3) Tubing Information:

4-1/2" (composite weight string) of fiberglass-coated tubing with setting depth of 5,180'

(4) Packer Information: Lok-set or equivalent packer set at 5,180'

В.

(1) Injection Formation Name: Glorieta

Pool Name: SWD; GLORIETA

Pool Code: 91606

- (2) Injection Interval: Perforated injection between 5,200′ 5,600′
- (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.
 - Grayburg (3,780')

Underlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

• Tubb (6,250')

V – Well and Lease Maps

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

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List w/ Casing Information for the Penetrating Well
- Potash Lease Map

VI – AOR Well List

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

There is one well that penetrates the injection zone, and it has been properly cased and cemented to isolate the injection zone. Additionally, there is a proposed well that will penetrate the injection zone, and, based on application information, it will be properly cased and cemented to isolate the injection zone. The casing & cementing information for both wells are also included in *Attachment 2*.

VII - Proposed Operation

- (1) Proposed Maximum Injection Rate: 20,000 bpd Proposed Average Injection Rate: 12,500 bpd
- (2) A closed system will be used.
- (3) Proposed Maximum Injection Pressure: 1,040 psi (surface)
 Proposed Average Injection Pressure: approximately 520 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 Glorieta formation which is a non-productive zone known to be compatible with formation water from the Wolfcamp and Bone Springs formations. Water analyses from the Glorieta formation in the area are included in *Attachment 4*.

VIII - Geologic Description

The proposed injection interval includes the Glorieta formations from 5,200 - 5,600 feet. This formation consists of interbedded carbonate rocks including dolomites, siltstones, and sands. Several thick intervals of porous and permeable rock capable of taking water are present within the subject formation in the area.

The freshwater formation is the Rustler at a depth of approximately 1,325 feet. Water well depths in the area range from approximately 95 - 143 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, 7 groundwater wells are located within 1 mile of the proposed SWD location; however, state water well data and previously submitted Goodnight Midstream Permian, LLC injection applications have revealed that two wells (CP-00446 POD 2 & CP-00472 POD 2) were previously sampled. A water sample was collected for both wells on 01/28/2019.

A water well map, details of water wells within 1-mile, and any associated water analyses are 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.

XIII - Proof of Notice

A Public Notice was filed with the Hobbs News-Sun newspaper and an affidavit is included in **Attachment 6**.

A copy of the application was mailed to the OCD District Office, landowner, and leasehold operators within 1/2-mile of the proposed SWD location. A list of the recipients, as well as delivery confirmations, are included in **Attachment 6**.

Attachment 1: Wellbore Diagram

Attachment 2: Area of Review Information:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List w/ Casing Information for the Penetrating Well
- Potash Lease Map

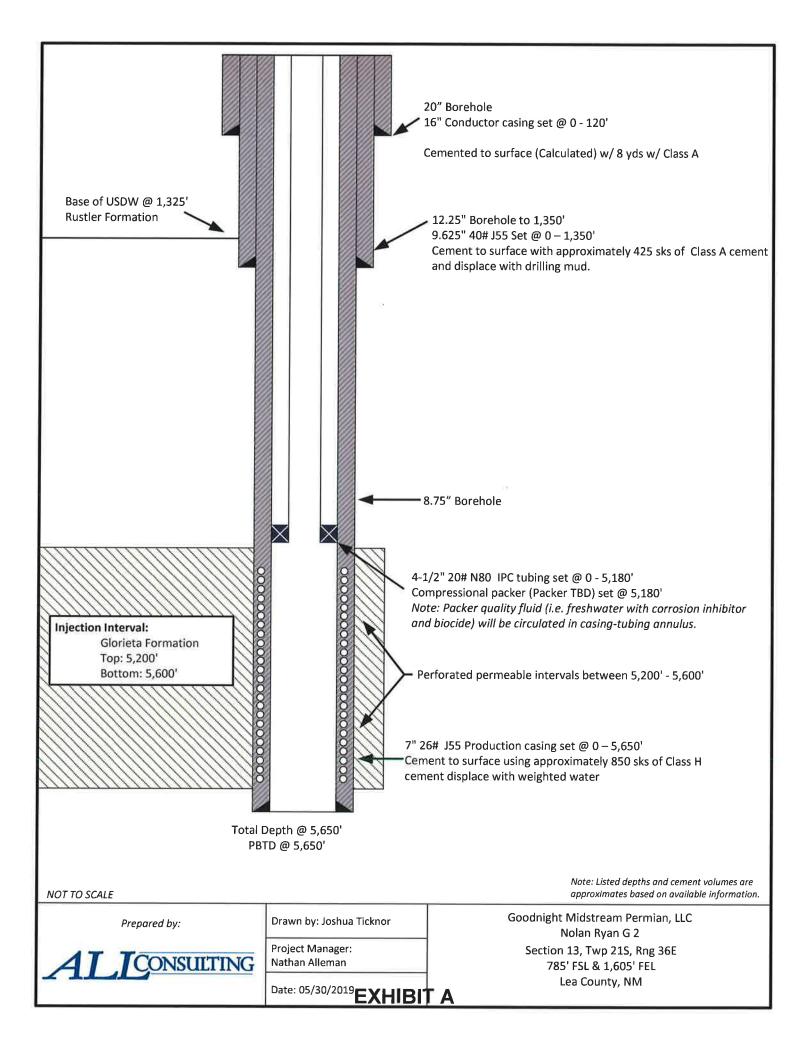
Attachment 3: Source Water Analyses

Attachment 4: Injection Formation Water Analyses

Attachment 5: Water Well Map and Well Data

Attachment 6: Public Notice Affidavit and Notice of Application Confirmations

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-21" LOK-SET packer is similar to the A-3, and has a larger bore.

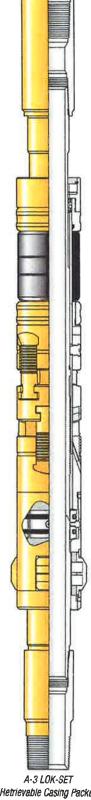
Advantages

- 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.



Hetrievable Casing Packer Product Family No. H64630

SPECIFICATION GUIDES

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

	Gasing				Packer		
0	D	Weight •	Size	Ноп	1D	Max (Ring	
In.	mm	Hb/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
		18.8	41A4	4 500	38.1	3.423	112.4
		13.5-17.7	41B	1.500	30.1	3.578	90.9
4-1/2	114.3	11.6-13.5	43A2		50.0	3.786	96.2
		9.5-10.5	43A4	1.978	50.2	3.786	96.2
		15-18	438		50.0	4.140	105.2
5	127.0	11.5-15	43C	1.978	50.2	4.265	108.3
		26	43C			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	1		4.796	121.8
		26	45B			4.796	121.8
6	152.4	20-23	45C	1.978	50.2	5.078	129.0
		15-18	45D			5.171	131.3
_		34	45E		50.0	5.421	137.7
	l .	24-32	45F	1.978	50.2	5.499	139.7
6-5/8	168.3	24	47A2	2.441	62.0	5.671	144.0
		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			6.093	154.8
		17-20	47C2			6.281	159.5
		33.7-39	47C4			6.468	164.3
7-5/8	193.7	24-29.7	4702	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	498			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
		29.3-36	518			8.608	218.6

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

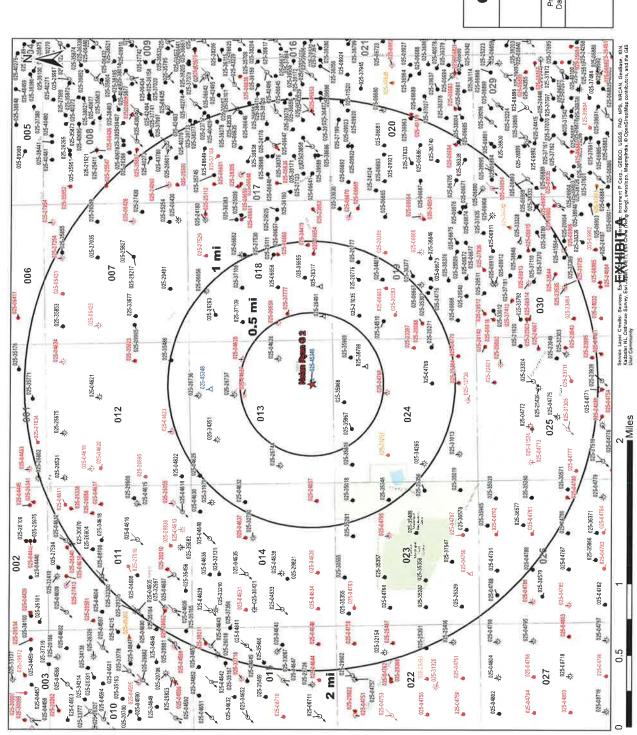
Cas	ing				Pa	cker			
0	0	Weight *	Size	Non	n ID	Max Gage	Ring OO	Max Dia Compressed	
in.	mm	lb/ft		ân.	mm	in.	mm	In.	mm
		20	45A2 x 2-3/8	er.		4.562	115.9	4.592	116.6
5-1/2	139.7	15.5–17	45A4 x 2-3/8	2.375	60.3	4.656	118.3	4.750	120.7
		13	458 x 2-3/8			4.796	121.8	4.902	124.5
6	152.4	26	458 x 2-3/8	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 47B4. 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.

Area of Review Information:

- 2-mile Oil & Gas Well Map
- 2-mile Lease Map
- 1/2-mile Well Detail List w/ Casing Information for the Penetrating Well
- Potash Lease Map



Legend

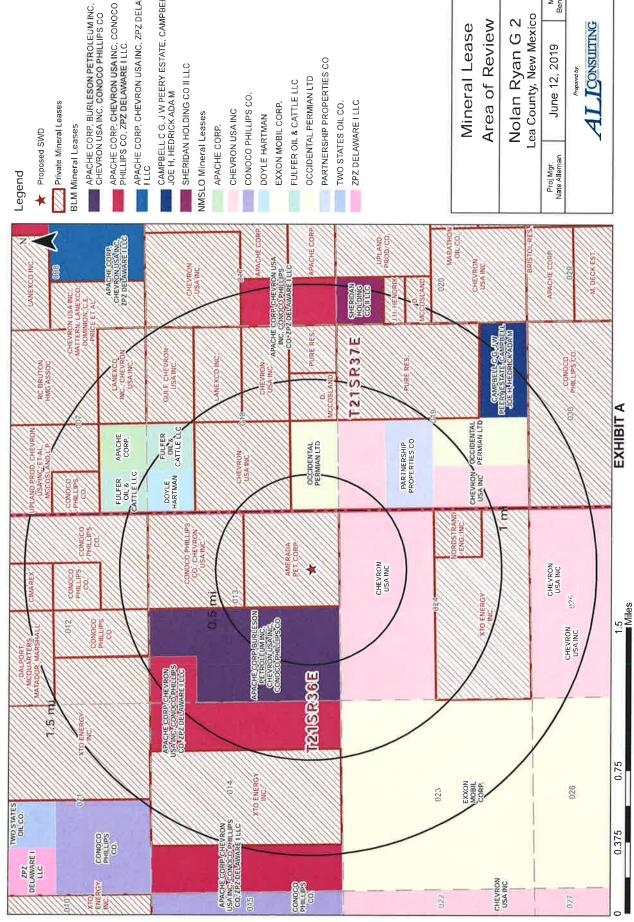
- Proposed SWD
- Gas, Active (68)
- Gas, Plugged (37)
- Injection, Active (75)
- Injection, Plugged (3) Oil, Active (341)
- Oil, Plugged (130)
- Oil, Temporarily Abondoned (6)
 - Salt Water Injection, Active (4)
- Salt Water Injection, New (2)
- Salt Water Injection, Plugged (2)

O&G Wells Area of Review

Nolan Ryan G 2 Lea County, New Mexico

Mapped by: Ben Bockelmann	
May 29, 2019	
Proj Mgr: Dan Arthur	

CONSULTING



APACHE CORP, BURLESON PETROLEUM INC., CHEVRON USA INC, CONOCO PHILLIPS CO

APACHE CORP, CHEVRON USA INC, ZPZ DELAWARE ILLC

CAMPBELL C G, J W PEERY ESTATE, CAMPBELL JOE H, HEDRICK ADA M

FULFER OIL & CATTLE LLC

PARTNERSHIP PROPERTIES CO

Area of Review Mineral Lease

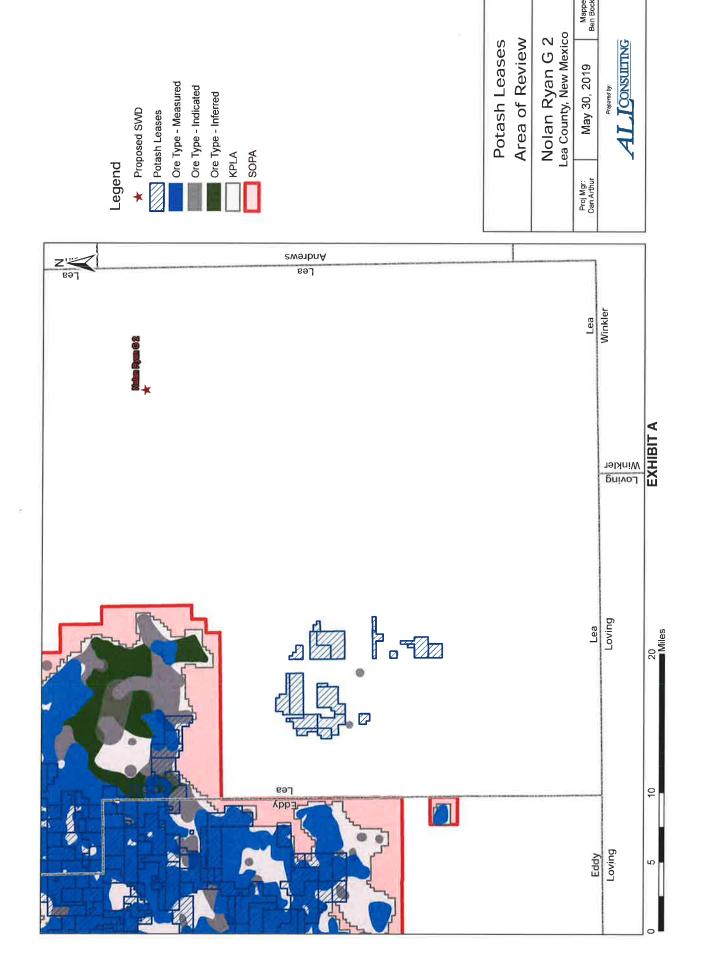
Nolan Ryan G 2

Mapped by: Ben Bockelmann June 12, 2019

A L CONSULTING

	אסט ומחחומה	10110	Ach radination for regard Ayar & (10p of injection interval: 5,200)	afui io doi!	CHON INTERVAL	1007'6	
Well Name	API#	Well	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
MARSHALL #001	30-025-04626	ט	ZACHARY OIL OPERATING CO	12/31/1954	-13-21S-36E	3705	No
LEONARD STATE #003	30-025-35968	0	HORSESHOE OPERATING INC.	1/17/2004	B-24-215-36E	3875	No
LEONARD STATE #002	30-025-35967	0	HORSESHOE OPERATING INC.	10/15/2002	C-24-215-36E	3830	No
LEONARD STATE #004	30-025-35969	0	HORSESHOE OPERATING INC.	5/6/2004	A-24-215-36E	3968	No
H T MATTERN NCT C COM #003	30-025-06659 Plugged	Plugged	XTO ENERGY, INC	9/3/1944	3-18-215-37E	Plugged (3846)	N _O
PENROC STATE E TR 27 #002	30-025-26491	io.	GOODNIGHT MIDSTREAM PERMIAN, LLC	10/19/1979	4-18-215-37E	0069	Yes
NOLAN RYAN #501	30-025-45349	v	GOODNIGHT MIDSTREAM PERMIAN, LLC	Not Drilled	A-24-215-36E	Proposed (5,700)	Yes
PARKER ENERGY SWD #005	30-025-38789	×s.	PARKER ENERGY SUPPORT SERVICES INC.	8/31/2008	A-24-215-36E	4675	No
PRE-ONGARD WELL #001 (Tidewater Associated Oil Company)	30-025-04627	Plugged	PRE-ONGARD WELL OPERATOR	3/5/1937	G-13-215-36E	Plugged (4005)	No

			Surf	ace Casing				In	termed	liate Casing					Production Casing	Casing			Tubing		Packer	ker
Well Name	Set Depth	Casing	T0C	TOC Method Determined	Sks of Cement	Hole size	Set Depth	Casing	TOC 1	Hole size Set Depth Size TOC Determined Cement Size Depth Size Determined Determined Cement Size Depth Size Determined	Sks of Cement	Hole Size	Set C	asing T(TOC C Metho	d Sks of Hole Set Tubing Cement Size Depth Size	Hole	Set Depth	Tubing Size	Hole Set Tubing Lining Packer Size Depth Size Material Type	Packer Type	Packer Set Deoth
ENROC STATE E TR 27 #002	1230	8/56	G.S.	RECORDS	300, 150	12 1/4	N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A 6900 7	,	5' RECORD	RECORDS 1400, 350, 450 8 3/4 3855 27/8	8 3/4	3855	27/8	N/A	N/A	3860
NOLAN RYAN #001*	1350	9 5/8	6.5.	RECORDS	860	12 1/4	N/A	N/A N/A	N/A	N/A	ΝA	A/A	5700	N/A 5700 7 G.S.	S. RECORDS		8 3/4	N/A	725 8 3/4 N/A N/A	N/A	A/A	N/A



Source Water Analyses

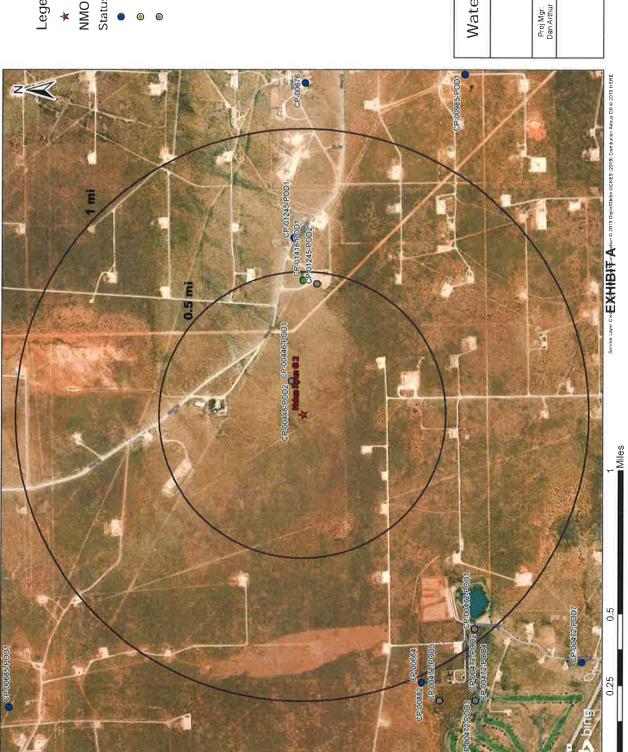
BONE SPRING 29436
BONE SPRING
DELAWARE
DELAWARE
DELAWARE
DELAWARE
DEVONIAN
DEVONIAN
WOLFCAMP
WOIFCAMP

EXHIBIT F

Injection Formation Water Analyses

					1000			njection fo	rmation W	ater Analys	ils						
							Goodnight	Midstream	Permian, i	LC - Glorie	ta Formati	on					
Wellname	API	Latitude	Longitude	Section	Township	Range	Unit	Figns	Ftgew	County	State	Company Fie	f Formation	Tds_mgt	Chloride mgt	flicarbonate_mgl	Sulfate mgi.
V M HENDERSON #002	3002506906	32,4553299	-103.1957474	30	235	376	Α	660N	660E	LEA	NM	DLINES	Y GLORIETA	138153		744	2735
APACHE STATE Q #001	3002506116	32.5712776	-103.255394	36	205	37€	3	19805	2310E	AZI	NM	MONU	ENT GLORIETA	19087	8250	430	3400
C H WEIR A #007	3002506073	32.5858192	-103.2114944	12	205	37E	- 1	19855	660W	LEA	NM	5KAGG5	GLORIETA	135670	79600	1680	3100

Water Well Map and Well Data



Legend

★ Proposed SWD NMOSE PODs

- Active (7) Status
- Pending (1)
- Unknown (8)

Water Wells Area of Review

Nolan Ryan G 2 LEA County, New Mexico

Mapped by: Ben Bockelmann

May 28, 2019



Analysis for CP00472-POD 2 - Attachment XI-3



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington NM, 88260

Project: GOODNIGHT MIDSTREAM

Project Number: NONE GIVEN

Project Manager: LANCE CRENSHAW

Fax To: (575) 396-1429

Sampled: January 28th, 2019

Reported:

05-Feb-19 17:18

CP00472-POD2

H900304-07 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardiı	nal Laborat	orles					
Inorganic Compounds										
Alkalinity, Bicarbonate	273		5,00	mg/L	i	9012407	AC	30-Jan-19	310.1	
Alkalinity, Carbonate	<1.00		1,00	nig/L	1	9012407	AC	30-Jan-19	310.1	
Chloride*	108		4,00	mg/L	1	9012811	AC	31-Jan-19	4500-Cl-B	
Conductivity*	880		1.00	uS/cm	1	9013002	AC	30-Jan-19	120.1	
pH*	8.33		0.100	pH Units	1	9013002	AC	30-Jan-19	150.1	
Resistivity	11.4			Ohms/m	1	9013002	ΛC	30-Jan-19	120.1	
Specific Gravity @ 60° F	0.9997		0.000	[blunk]	1	9013007	AC	30-Jan-19	SM 2710F	
Sulfate*	92.5		25.0	mg/L	2.5	9013006	AC	30-Jan-19	375.4	
TDS*	394		5.00	mg/L	1	9013005	AC	01-Feb-19	160.1	
Alkalinity, Total*	224		4.00	mg/L	l	9012407	AC	30-Jan-19	310.1	
			Green Ana	lytical Labo	oratories					
Total Recoverable Metals by	ICP (E200.7)									
Barium*	0.130		0.050	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Calcium*	55.5		0.100	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Iron*	0.074		0.050	mg/L	1	B901226	AES	04-Fcb-19	EPA200.7	
Magnesium*	20.5		0.100	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Potasslum*	5.88		1.00	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Sodium*	94.5		1,00	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	

Cardinal Laboratories *=Accredited Analyte

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Analysis for CP00446-POD 2 - Attachment XI-2



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington NM, 88260

Project: GOODNIGHT MIDSTREAM

Project Number: NONE GIVEN

CP00446

Project Manager: LANCE CRENSHAW

Fax To: (575) 396-1429

Sampled: January 28th, 2019

Reported:

05-Feb-19 17:18

CP0046-POD2 H900304-06 (Water)

11700504-00 (Willel)										
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Anulyst	Analyzed	Method	Notes
			Cardin	ıal Laborat	orles					
Inorganic Compounds										
Alkalinity, Bicarbonate	215		5.00	mg/L	ľ	9012407	ΛC	30-Jan-19	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	9012407	۸C	30-Jan-19	310.1	
Chloride*	76.0		4.00	mg/L	I.	9012811	ΑC	31-Jun-19	4500-C1-B	
Conductivity*	729		1.00	uS/cm	6	9013002	AC	30-Jan-19	120.1	
pH*	8,65		0.100	pH Units	U.	9013002	AC	30-Jan-19	150.1	
Resistivity	13.7			Ohms/m	1	9013002	۸C	30-Jan-19	120.1	
Specific Gravity @ 60° F	0.9972		0.000	[blank]	1	9013007	AC	30-Jan-19	SM 2710F	
Sulfate*	100		25.0	mg/L	2.5	9013006	AC	30-Jan-19	375.4	
TDS*	368		5.00	mg/L	L	9012801	AC	01-Feb-19	160.1	
Aikalinity, Total*	176		4,00	mg/L	1	9012407	AC	30-Jan-19	310.1	
			Green Anal	lytical Labo	ratories					
Total Recoverable Metals by 1	CP (E200.7)									
Barium*	< 0.050		0.050	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Calcium*	36.1		0.100	mg/L	1	B901226	ΛES	04-Fcb-19	EPA200.7	
Iron*	0.067		0.050	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	
Magnesium*	20.3		0.100	mg/L	ï	B901226	AES	04-Feb-19	EPA200,7	
Potasslum*	5.22		1.00	mg/L	1	B901226	AES	04-l/eb-19	EPA200.7	
Sodium*	83.7		1.00	mg/L	1	B901226	AES	04-Feb-19	EPA200.7	

Cardinal Laboratorles

*=Accredited Analyte

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Public Notice Affidavit and Notice of Application Confirmations

Affidavit of Publication

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I, Todd Bailey, Editor 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 June 05, 2019 and ending with the issue dated June 05, 2019.

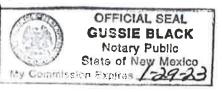
Sworn and subscribed to before me this 5th day of June 2019.

Business Manager

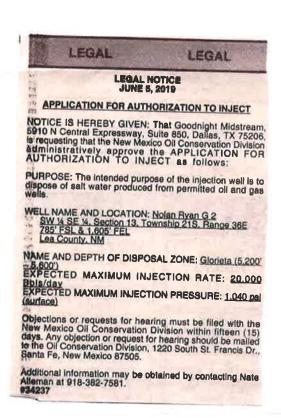
My commission expires Appropriate and the control of the control of the

January 29, 2023

(Seal



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



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

EXHIBIT A

Nolar	Ryan G 2 - Notice of Application Recipients			
Entity	Address	City	State	Zip Code
	Landowner			
Dasco Cattle Company (Atlee Snyder)	P.O. Box 727	Hobbs	NM	88241
	OCD District			
NMOCD District 1	1625 N. French Drive	Hobbs	NM	88240
	Leasehold Operators			
Amerada Pet. Corp.	P.O. Box 591	Midland	TX	79702
Apache Corporation	303 Vet Airpark Lane, Suite 3000	Midland	TX	79705
Bureau of Land Management - Carlsbad Field Office	620 E. Greene St.	Carlsbad	NM	88220-6292
Burleson Petroleum Inc	P.O. Box 2479	Midland	TX	79702
Chevron USA Inc.	6301 Deauville	Midland	TX	79706
Commision of Public Lands - State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87501
Conoco Phillips	P.O. Box 7500	Bartlesville	ОК	74005
Goodnight Midstream Permian, LLC	5910 N. Central Expressway, Suite 850	Dallas	TX	75206
Horseshoe Operating Inc.	110 W. Louisiana Ave Suite 200	Midland	TX	79701
Occidental Permian LTD	5 Greenway Plaza, Suite 110	Houston	TX	77046
Parker Energy Support Services Inc.	P.O. Box 1957	Eunice	NM	88231
Zachary Oil Operating Co	P.O. Box 1969	Eunice	NM	88231
Notes:	**	- 1164		*

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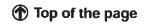


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