

# Initial Application Part I

Received 4/13/21

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

RECEIVED: <b>4/13/21</b>	REVIEWER:	TYPE: <b>SWD</b>	APP NO: <b>pBL2110450284</b>
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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

**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

**Applicant:** NGL WATER SOLUTIONS PERMIAN LLC **OGRID Number:** 372338  
**Well Name:** BYRD SWD #1 **API:** TBD  
**Pool:** SWD;DELAWARE **Pool Code:** 96100

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION  
 INDICATED BELOW**

**1) TYPE OF APPLICATION:** Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL      ☐ NSP (PROJECT AREA)      ☐ NSP (PRORATION UNIT)      ☐ SD

B. Check one only for [ I ] or [ II ]

[ I ] Commingling – Storage – Measurement

☐ DHC    ☐ CTB    ☐ PLC    ☐ PC    ☐ OLS    ☐ OLM

[ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX    ☐ PMX    ☒ SWD    ☐ IPI    ☐ EOR    ☐ PPR
**SWD-2415****2) NOTIFICATION REQUIRED TO:** Check those which apply.

- A. ☒ Offset operators or lease holders  
 B. ☐ Royalty, overriding royalty owners, revenue owners  
 C. ☒ Application requires published notice  
 D. ☒ Notification and/or concurrent approval by SLO  
 E. ☒ Notification and/or concurrent approval by BLM  
 F. ☒ Surface owner  
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,  
 H. ☐ No notice required

**FOR OCD ONLY**

- ☐ Notice Complete  
☐ Application Content 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.

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

JOSEPH VARGO

Print or Type Name

Signature

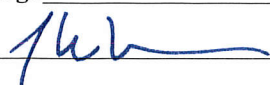
3-10-21  
Date(303) 815-1010, extension 3652

Phone Number

Joseph.Vargo@nglep.com

e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance   X   Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? \_\_\_\_\_ Yes \_\_\_\_\_ No
- II. OPERATOR: **NGL Water Solutions Permian, LLC**  
ADDRESS: **865 North Albion Street, Suite 400, Denver, CO 80220**  
CONTACT PARTY: **Joseph Vargo, Regulatory Director** PHONE: **(303) 815-1010**
- 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? \_\_\_\_\_ 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:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. 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 belief.
- NAME: **Joseph Vargo** TITLE: **Regulatory Director**
- SIGNATURE:  DATE: 3-10-21
- E-MAIL ADDRESS: **Joseph.Vargo@nglep.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.

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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.



## INJECTION WELL DATA SHEET

OPERATOR: NGL Water Solutions Permian, LLC

WELL NAME &amp; NUMBER: Byrd SWD No. 1

WELL LOCATION: 220' FNL, 220' FWL D 22 24-S 35-E  
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

Geologic Tops (MD ft)		Section
Cenozoic Alluvium	25'	<b>Surface</b> Drill 17-1/2" 0' - 950'. Set and Cement 13-3/8" Casing
Triassic	153'	
Permian Dewey Lake	705'	
Rustler Anhydrite	815'	
<b>Surface TD - 950'</b>		
<b>DV Tool 1000'</b>		<b>Intermediate</b> Drill 4395' of 12-1/4" Hole 950' -5345' Set 9-5/8" Casing
Salado Anh (base Silic)	1185'	
Top Salt (Tx) NM	1185'	
Castile	2650'	
Base Salt (Bx) NM	4705'	
Delaware	5238'	
Lamar Limestone	5290'	<b>Injection Interval</b> Drill 3405' of 8-1/2" Hole 5345'-8750' Open Hole
<b>Perm Packer - 5305'</b>		
<b>Intermediate - 5345'</b>		
<b>Bell Canyon 5335'</b>		
<b>Cherry Canyon 6365'</b>		
<b>Brushy Canyon 7785'</b>		
<b>Injection TD - 8750'</b>		

WELL CONSTRUCTION DATASurface CasingHole Size: 17-1/2" Casing Size: 13-3/8"Cemented with: 882 sx. **or**  ft<sup>3</sup>Top of Cement: Surface Method Determined: Calculated Intermediate CasingHole Size: 12-1/4" Casing Size: 9-5/8"Cemented with: 1778 sx. **or**  ft<sup>3</sup>Top of Cement: Surface Method Determined: Calculated Production CasingHole Size:  Casing Size: Cemented with:  sx. **or**  ft<sup>3</sup>Top of Cement:  Method Determined: Total Depth: 8,750'Injection IntervalOpen Hole, 5,345' feet to 8,750'(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 7" Lining Material: TK-805

Type of Packer: 9-5/8" x 7" Permanent Packer w/ Stainless Trim

Packer Setting Depth: 5,305'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_\_ Yes \_\_\_\_\_

If no, for what purpose was the well originally drilled? \_\_\_\_\_

\_\_\_\_\_

2. Name of the Injection Formation: Bell Canyon, Cherry Canyon, Brushy Canyon

3. Name of Field or Pool (if applicable): SWD;Delaware

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

\_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: \_\_\_\_\_

Bone Spring Sand – 10,253' TVD

Wolfcamp – 12,449' TVD

\_\_\_\_\_

NGL Water Solutions Permian, LLC  
Byrd SWD No.1  
Form C-108 Supplemental Information

III. Well Data

A. Wellbore Information

1.

Well Information	
Lease Name	Tap 10 Ranch
Well Name	Byrd SWD No. 1
County	Lea
Location	NWNW 22-T24S-R35E
Footage Location	220' FNL, 220' FWL

2. Casing Data

a.

Casing Information		
Type	Surface	Intermediate
OD	13.375"	9.625"
WT	.458"	.473"
ID	12.615"	8.835"
Drift ID	12.459"	8.679"
COD	14.375"	10.625"
Weight	54.5#	40#
Grade	J-55	L-80
Hole Size	17.5"	12.25"
Depth Set	950'	5,345'

\*Please note that based on regional mapping, we expect the Byrd SWD No. 1 to be west of the reef trend, and don't expect to encounter Capitan Reef facies. If the reef is encountered, the salt section will be isolated behind an additional cemented casing before drilling through the Capitan.

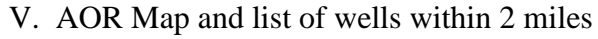
b.

Cement Information		
Casing String	Surface	Intermediate
Cement Type	Class A	Class A
Cement Yield	1.595 ft3/sk	1.468 ft3/sk
Total Cement Volume	882 sks	1778 sks
Cement Excess	100%	30% Over Caliper
TOC	Surface	Surface
Method	Circulate to Surface	DV Tool, Circulate to Surface

3. Tubing Description

Tubing Information	
OD	7"
WT	0.425"
ID	6.276"
Drift ID	6.151"
COD	7.656"
Weight	26#
Grade	P-110
Depth Set	5,305'

Lining Material: TK-805





#	API	Well Name	Well Type	Well Status	Operator Name
1	30-025-30062	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
2	30-025-43779	VIKING HELMET STATE COM #024H	Oil	Active	COG OPERATING LLC
3	30-025-42783	VIKING HELMET STATE COM #002H	Oil	Active	COG OPERATING LLC
4	30-025-45048	COONSKIN FEE #028H	Oil	Active	COG OPERATING LLC
5	30-025-44376	ANGUS STATE 24 35 16 #451C	Oil	Cancelled	COG OPERATING LLC
6	30-025-42782	VIKING HELMET STATE COM #001H	Oil	Active	COG OPERATING LLC
7	30-025-45051	COONSKIN FEE #603H	Oil	Active	COG OPERATING LLC
8	30-025-44378	ANGUS STATE 24 35 16 #601C	Oil	Cancelled	COG OPERATING LLC
9	30-025-45053	COONSKIN FEE #702H	Oil	Active	COG OPERATING LLC
10	30-025-30214	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
11	30-025-45052	COONSKIN FEE #701H	Oil	Active	COG OPERATING LLC
12	30-025-20756	CUSTER MOUNTAIN UNIT #001	Gas	Plugged (site released)	CHESAPEAKE OPERATING, INC.
13	30-025-45050	COONSKIN FEE #602H	Oil	Active	COG OPERATING LLC
14	30-025-45049	COONSKIN FEE #601H	Oil	Active	COG OPERATING LLC
15	30-025-43722	ANGUS STATE 24 35 16 #454H	Oil	Active	COG OPERATING LLC
16	30-025-24412	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
17	30-025-44379	ANGUS STATE 24 35 16 #602C	Oil	Cancelled	COG OPERATING LLC
18	30-025-44377	ANGUS STATE 24 35 16 #452H	Oil	Never Drilled	COG OPERATING LLC
19	30-025-44606	ANGUS STATE 24 35 16 #605H	Oil	Active	COG OPERATING LLC
20	30-025-43683	COONSKIN FEE #025H	Oil	Active	COG OPERATING LLC
21	30-025-44607	ANGUS STATE 24 35 16 #456H	Oil	Active	COG OPERATING LLC
22	30-025-08681	PRE-ONGARD WELL #002	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
23	30-025-43721	BRAHMAN STATE 24 35 15 #601H	Oil	Active	COG OPERATING LLC
24	30-025-45030	BRAHMAN 15 10 STATE COM #452C	Oil	Cancelled	COG OPERATING LLC
25	30-025-26080	CINTA ROJO 10 #001	Gas	Active	COG OPERATING LLC
26	30-025-08684	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
27	30-025-45032	BRAHMAN STATE 24 35 15 #602C	Oil	Cancelled	COG OPERATING LLC
28	30-025-45031	BRAHMAN 15 10 STATE COM #453C	Oil	Cancelled	COG OPERATING LLC
29	30-025-42549	WOOLWORTH 11 SWD #001C	Salt Water Disposal	Cancelled	OWL SWD OPERATING, LLC

30	30-025-27167	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR
31	30-025-46276	PORK PIE STATE COM #704H	Oil	Active	COG OPERATING LLC
32	30-025-47027	BRECKENRIDGE FEDERAL COM #302H	Oil	New	Franklin Mountain Energy LLC
33	30-025-47028	BRECKENRIDGE FEDERAL COM #705H	Oil	New	Franklin Mountain Energy LLC
34	30-025-47029	BRECKENRIDGE FEDERAL COM #706H	Oil	New	Franklin Mountain Energy LLC
35	30-025-47054	GOLDEN FEDERAL COM #603H	Oil	New	Franklin Mountain Energy LLC
36	30-025-47055	GOLDEN FEDERAL COM #704H	Oil	New	Franklin Mountain Energy LLC
37	30-025-47117	BRECKENRIDGE FEDERAL COM #604H	Oil	New	Franklin Mountain Energy LLC
38	30-025-47173	OURAY FEDERAL COM #702H	Oil	New	Franklin Mountain Energy LLC
39	30-025-47263	GEORGETOWN FEDERAL COM #301H	Oil	New	Franklin Mountain Energy LLC
40	30-025-47264	GEORGETOWN FEDERAL COM #601H	Oil	New	Franklin Mountain Energy LLC
41	30-025-47265	GEORGETOWN FEDERAL COM #701H	Oil	New	Franklin Mountain Energy LLC
42	30-025-47266	OURAY FEDERAL COM #602H	Oil	New	Franklin Mountain Energy LLC
43	30-025-47267	OURAY FEDERAL COM #703H	Oil	New	Franklin Mountain Energy LLC
44	30-025-47289	MAN HANDS FEDERAL COM #131H	Oil	New	TAP ROCK OPERATING, LLC
45	30-025-47290	MAN HANDS FEDERAL COM #135H	Oil	New	TAP ROCK OPERATING, LLC
46	30-025-47291	MAN HANDS FEDERAL COM #211H	Oil	New	TAP ROCK OPERATING, LLC
47	30-025-47292	MAN HANDS FEDERAL COM #215H	Oil	New	TAP ROCK OPERATING, LLC
48	30-025-47341	MULVA FEDERAL COM #111H	Oil	New	TAP ROCK OPERATING, LLC
49	30-025-47342	MULVA FEDERAL COM #131H	Oil	New	TAP ROCK OPERATING, LLC
50	30-025-47343	MULVA FEDERAL COM #211H	Oil	New	TAP ROCK OPERATING, LLC
51	30-025-47344	MULVA FEDERAL COM #215H	Oil	New	TAP ROCK OPERATING, LLC
52	30-025-47740	MULVA FEDERAL COM #112H	Oil	New	TAP ROCK OPERATING, LLC
53	30-025-47743	MULVA FEDERAL COM #132H	Oil	New	TAP ROCK OPERATING, LLC
54	30-025-47744	MULVA FEDERAL COM #133H	Oil	New	TAP ROCK OPERATING, LLC
55	30-025-47746	MULVA FEDERAL COM #135H	Oil	New	TAP ROCK OPERATING, LLC
56	30-025-47787	MULVA FEDERAL COM #212H	Oil	New	TAP ROCK OPERATING, LLC

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57	30-025-47788	MULVA FEDERAL COM #217H	Oil	New	TAP ROCK OPERATING, LLC
58	30-025-47798	MAN HANDS FEDERAL COM #112H	Oil	New	TAP ROCK OPERATING, LLC
59	30-025-47831	MULVA FEDERAL COM #137H	Oil	New	TAP ROCK OPERATING, LLC
60	30-025-47832	MULVA FEDERAL COM #213H	Oil	New	TAP ROCK OPERATING, LLC
61	30-025-47834	MULVA FEDERAL COM #216H	Oil	New	TAP ROCK OPERATING, LLC

VI. There are no completed or plugged wells in the proposed injection interval within the ½ mile AOR. All horizontal wells which would have penetrated the injection interval in the ½ mile AOR are now cancelled locations. Please see list below.

API No.	Well Name	Status
30-025-45030	BRAHMAN 15 10 STATE COM #452C	Cancelled
30-025-45032	BRAHMAN STATE 24 35 15 #602C	Cancelled
30-025-45031	BRAHMAN 15 10 STATE COM #453C	Cancelled

#### VII. Proposed Operation Data

1. Average Daily Rate: 15,000 bpd  
Max Daily Rate: 19,500 bpd
2. Closed System
3. Average Surface Injection Pressure: 950 psi  
Maximum Surface Injection Pressure: 1,069 psi
4. The injection fluid is to be locally produced water. Representative water analysis data is attached.
5. The disposal interval is non-productive. No water samples are available from the surrounding area.

#### VIII. Geological Data

The Delaware Mountain Group (DMG) of the Delaware Basin consists of interbedded Guadalupian-age arkosic to subarkosic sandstone, siltstone, shale, and detrital limestone that was deposited in deep water as a series of submarine fans, channel, overbank, and pelagic suspension deposits, mainly during lowstand and early transgressive sea-level changes. Stratigraphic divisions within the Delaware Mountain Group are well understood and have been documented in the recent geologic literature (e.g., Gardner, 1997a, 1997b, Montgomery, et al., 2000a, Montgomery, et al., 2000b, Dutton, et al., 2000, and Dutton et al., 2003, and many other publications).

The Delaware basin was a restricted, deep water basin, bounded by carbonate ramp (San Andres and Grayburg formations) and carbonate rim (Goat Seep and Capitan reefs) that developed on the western margin of the Central Basin Platform, the Northwest Shelf, and the Diablo Platform that surrounded the Delaware Basin portion of the Permian Basin in West Texas and SE New Mexico.

The Delaware Mountain Group is approximately 3762' thick in the vicinity of the proposed SWD wells (Table 1). The Delaware Mountain Group is formally divided into the Brushy Canyon, Cherry Canyon, and Bell Canyon

Formations in ascending order (Exhibits 1 – 4). This succession is capped by the Lamar Limestone Member of the Bell Canyon Formation, a 45’ - 100’ thick interval overlying the sandstones of the Bell Canyon, which is comprised of an upper shale (“Delaware Shale”), underlain by organic-rich, detrital limestone, interbedded with shale, siltstone, and sparse, very fine, arkosic to subarkosic sandstone (Exhibit 1). The Bell Canyon formation consists of clean, very fine to fine grained, friable to moderately well cemented, massive to medium and thin bedded sandstone, interbedded with carbonaceous siltstone and shale, and thin to medium bedded, detrital limestone (Exhibit 1 and Exhibit 2). The Cherry Canyon and Brushy Canyon formations consist of the following: (1) very fine to fine-grained, arkosic to subarkosic sandstones, mostly massive to locally finely laminated in character, (2) very fine-grained sandstones microlaminated with siltstone and carbonaceous shale, (3) dark-colored organic-rich siltstones (lutites), (4) carbonate beds (limestone or dolomite), which are thicker and more prevalent in the Bell Canyon and Cherry Canyon, and near the basin margins, and (5) black to dark gray, calcareous, organic-rich shales (Exhibit 2 and Exhibit 3). Carbonates are moderately abundant in the Bell Canyon and upper Cherry Canyon but decrease in thickness and abundance in the lower portion of the Cherry Canyon and in the Brushy Canyon formations. Shale beds tend to be thin and sparse within the main body of the individual formations but become thicker and more abundant at the base of each formation. This is particularly evident at the base of the Brushy Canyon formation, where the underlying shales have been informally designated as the Avalon Shale, the uppermost shale of the Bone Spring Formation (Exhibit 4).

Porosity and permeability of the Bell Canyon, Cherry Canyon, and Brushy Canyon range from 12% to 25%, and 1 – 5 mD, respectively, but locally, streaks of permeability can reach up to 200 md (Dutton, 2008, Montgomery, et al., 2000a and 2000b, Spain, 1992). These reservoir parameters, together with good to excellent lateral continuity of the sand bodies within the Delaware Mountain Group indicate that sandstone within the Delaware Mountain Group is highly capable of taking water injection.

Upward vertical migration of injected salt water from the Delaware Mountain Group will be inhibited by the extremely low permeability of the shale, detrital limestone, and tightly cemented siltstone of the Lamar Limestone Member at the top of the Delaware Mountain Group (Exhibit 1). This impermeable interval extends beneath the Capitan Reef to the East and will prevent the migration of injected salt water into the overlying Capitan Reef regional aquifer (Cross Section A-A’). The Capitan Reef is overlain by approximately 2,400’ of interbedded anhydrite and salt (Cross section A-A’). To the west of the Capitan Reef in the Delaware basin, the Delaware Mountain Group is overlain by approximately 4,500’ of interbedded anhydrite, salt, and thin shales (Cross Section A-A’), which will provide an additional effective barrier to upward migration of injected salt water. The locations of wells used for Cross Section A – A’ are shown on the Cross Section Index map, both of which are located in Appendix A-1. The shales and tightly cemented siltstone and sandstone of the basal Brushy Canyon will isolate the underlying Avalon Shale and Sandstone from invasion by injected salt water. We have proposed a buffer zone of approximately 250’ above the top of the Leonardian Avalon shale (Top Bone Spring formation) from the bottom of the proposed injection zone in the lower Brushy Canyon (Exhibit 4).

- A. Injection zone - Bell Canyon, Cherry Canyon, and Brushy Canyon Formations, Delaware Mountain Group, illustrated on Cross Section A – A’.

Table 1 - Local formation tops and anticipated drilling depths to the injection zone (pale blue):

Formation	Depth
Rustler Anhydrite	815'
Salado	1,185'
Delaware Mountain Group	5,238'
Lamar Limestone	5,290'
Bell Canyon	5,335'
Cherry Canyon	6,365'
Brushy Canyon	7,785'
Base Brushy Canyon Injection Zone	8,800'



Bone Spring, Leonardian (Avalon Shale)	9,000'
Bone Spring 1st Limestone	9,107'

## Underground Sources of Drinking Water

The most closely offsetting water wells are drilled to 1,250' or shallower, generally producing from the Santa Rosa, Chinle, and Ogallala formations. Fresh water depth varies from 40' to 585' (300' on average) in the area in the form of sporadic alluvial sources and the Santa Rosa. In general, any USDWs (i.e., Upper Rustler) would be expected to fall above the salt and anhydrite of the Rustler/Salado/Castile evaporites and will be protected. The top of the Rustler is estimated at approximately 815'. An independent, third party review was conducted to confirm these findings and can be found in Appendix A-1. Regional mapping indicates the location to be west of the Capitan Reef facies.

## References:

- Dutton, S.P., W.A. Flanders, and H.H. Zirczy, 2000, Application of Advanced Reservoir Characterization, Simulation, and Production Optimization Strategies to Maximize Recovery in Slope and Basin Clastic Reservoirs, West Texas (Delaware Basin), DOE/BC/14936-15, OSTI-ID—755452, 60 p.
- Dutton, S.P., W.A. Flanders, and M.D. Barton, 2003, Reservoir characterization of Permian deep water sandstone, East Ford Field, Delaware basin, Texas, *Bull. Amer. Assoc. of Petrol. Geol.*, v. 87, no. 4, pp. 609-627.
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- Montgomery S.L., Dean Hamilton, Tim Hunt, and John Worrall, 2000b, Delaware Mountain Group, West Texas, A case of refund opportunity: Part 2 – Cherry Canyon Formation, *Bull. Amer. Assoc. of Petrol. Geol.*, v. 84, no. 1, pp. 1-11.
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IX. No proposed stimulation program planned at this time.

X. There are no logs or test data on the well. During the process of drilling and completion, the following logging program will be used: Gamma Ray, Caliper, Resistivity, Neutron, and Density for intermediate and injection interval, 200' correlation cased hole neutron from shoe up into casing, CBL for intermediate and surface.

XI. There are no producing freshwater wells within one mile of the location.

XII. Affirmative Statement of Examination of Geologic and Engineering Data

Based on the available engineering and geologic data we find no evidence of open faults or any other hydrologic connection between the disposal zone (in the **Byrd SWD #1**) and any underground sources of drinking water.

NAME: John C. Webb

TITLE: Sr. Geologist

SIGNATURE: \_\_\_\_\_

A handwritten signature in cursive script, appearing to read "John C. Webb", written over a horizontal line.

DATE: \_\_\_\_\_

3/10/2021

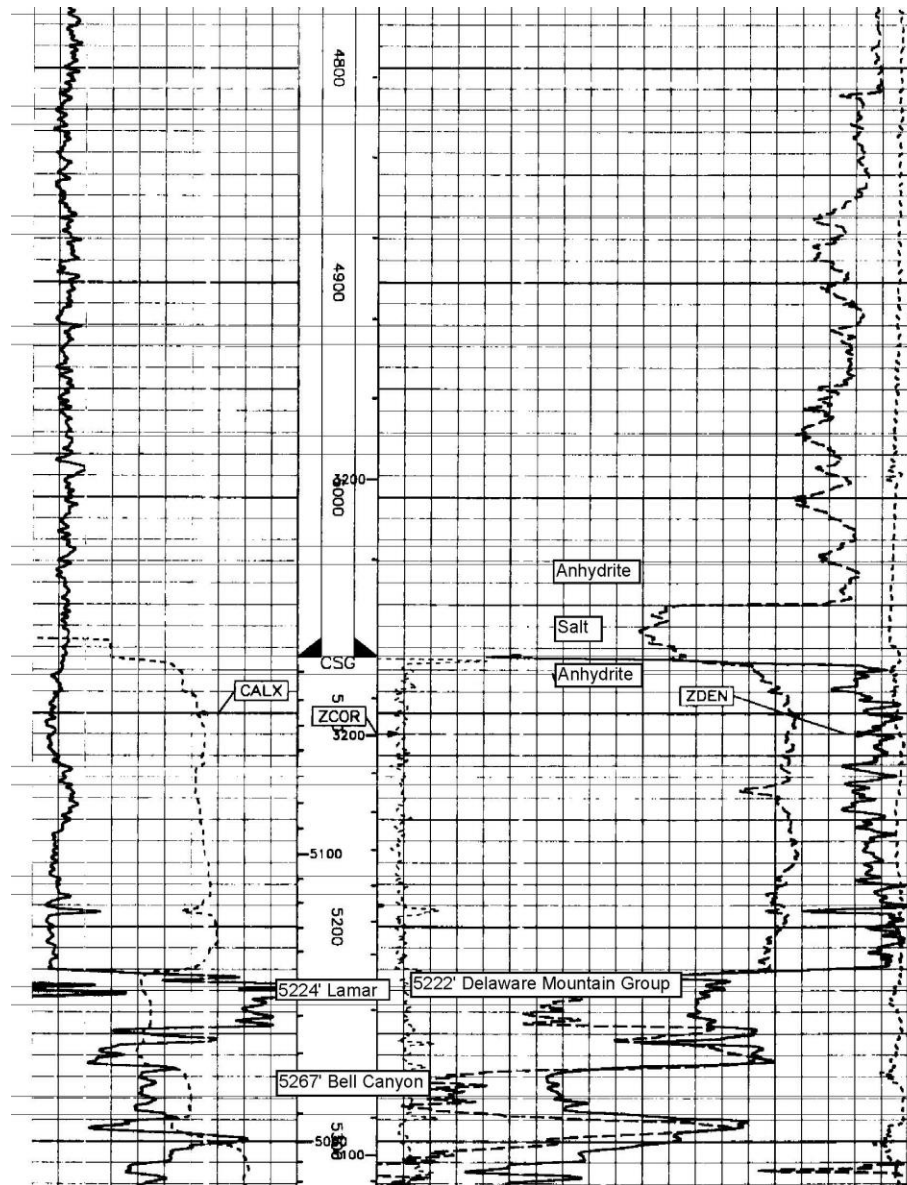
Offset Produced Water Analysis																		
wellname	api	section	township	range	unit	county	formation	ph	tds_mgL	sodium_mgL	calcium_mgL	iron_mgL	magnesium_mgL	manganese_mgL	chloride_mgL	bicarbonate_mgL	sulfate_mgL	co2_mgL
FIGHTING OKRA 18 FEDERAL COM #001H	3002540382	18	26S	34E	E	Lea	AVALON UPPER	8	201455.9	66908.6	9313	10	1603	1.6	121072.7	1024.8	940	1950
ICHABOD 7 FEDERAL #001H	3002540043	7	26S	34E	P	Lea	AVALON UPPER	8.25	1508.7	317.4	90.7	0	55.4	0	242.4	125	675	0
ICHABOD 7 FEDERAL #001H	3002540043	7	26S	34E	P	Lea	AVALON UPPER	5.97	220260.7	66687.9	13470	121.8	2827	3.42	134969.6	440	910	1400
FIGHTING OKRA 18 FEDERAL COM #001H	3002540382	18	26S	34E	E	Lea	AVALON UPPER	7.5	163025.9	58095.8	4006	28.5	648.2	0.76	96978.1	915	2000	6
ICHABOD 7 FEDERAL #001H	3002540043	7	26S	34E	P	Lea	AVALON UPPER	7	225003.5	76053.3	8718	159.9	1414	3.26	136469.2	231.8	1395	900
FIGHTING OKRA 18 FEDERAL COM #001H	3002540382	18	26S	34E	E	Lea	AVALON UPPER	7	196841.4	66599.5	7587	25.7	1213	1.25	118673.2	976	1300	1820
FIGHTING OKRA 18 FEDERAL COM #001H	3002540382	18	26S	34E	E	Lea	AVALON UPPER	7	196841.4	66599.5	7587	25.7	1.2	1.25	118673.2	976	1300	1820
ICHABOD 7 FEDERAL #001H	3002540043	7	26S	34E	P	Lea	AVALON UPPER	6.7	211246.6	71749.9	7064	68	1291	2	125645	1049.2	2840	50
THISTLE UNIT #071H	3002542425	27	23S	33E	A	Lea	BONE SPRING 1ST SAND	5.6	171476.3	55363.2	9140	40.4	1023	1.1	104576.4	244	560	770
BELL LAKE 19 STATE #001H	3002541024	19	24S	33E	M	Lea	BONE SPRING 2ND SAND	6.77	134649.2	44572.9	6215	37.9	759.3	0.93	81681.6	244	765	200
BELL LAKE 19 STATE #002H	3002541515	19	24S	33E	O	Lea	BONE SPRING 2ND SAND	7.01	128413.3	44427.6	4207	41.9	705.9	0.78	77482.5	366	910	300
BELL LAKE 19 STATE #003H	3002541516	19	24S	33E	O	Lea	BONE SPRING 2ND SAND	6.67	138617.2	46648.4	5778	41.1	731.5	1.1	84081	244	710	300
BELL LAKE 19 STATE #004H	3002541517	19	24S	33E	O	Lea	BONE SPRING 2ND SAND	6.68	133460.5	44483.1	5917	30.5	718.2	0.83	80981.7	244	675	300
SALADO DRAW 6 FEDERAL #001H	3002541293	6	26S	34E	M	Lea	BONE SPRING 3RD SAND	6.6	99401.9	34493.3	3295	0.4	396.8	0.37	59986.5	109.8	710	70
SALADO DRAW 6 FEDERAL #001H	3002541293	6	26S	34E	M	Lea	BONE SPRING 3RD SAND	6.5	99612.7	34586.5	3244	10.3	417.7	0.39	59986.5	158.6	820	50
SALADO DRAW 6 FEDERAL #001H	3002541293	6	26S	34E	M	Lea	BONE SPRING 3RD SAND	6.7	95604	31066	3196	10	394	0.5	59071	183	0	100
SALADO DRAW 6 FEDERAL #001H	3002541293	6	26S	34E	M	Lea	BONE SPRING 3RD SAND	7	98321.4	33892.3	3267	9.5	534.7	0.39	59386.6	219.6	635	300
SNAPPING 2 STATE #014H	3001542688	2	26S	31E	P	EDDY	WOLFCAMP	7.3	81366.4	26319.4	2687.4	26.1	326.7		50281.2		399.7	100
BELLOQ 2 STATE #002H	3001542895	2	23S	31E	C	EDDY	WOLFCAMP	6.8	119471.8	37359.2	5659.1	22.4	746.1		73172.5		1035.5	250



## Appendix A-1

# Exhibit 1: Top Delaware Mountain Group and Bell Canyon Formation

30-025-35322 Gamma Ray, Caliper, Density - Neutron Porosity Log



← **Castile Formation, 2620' - 5222'**  
Anhydrite and Salt

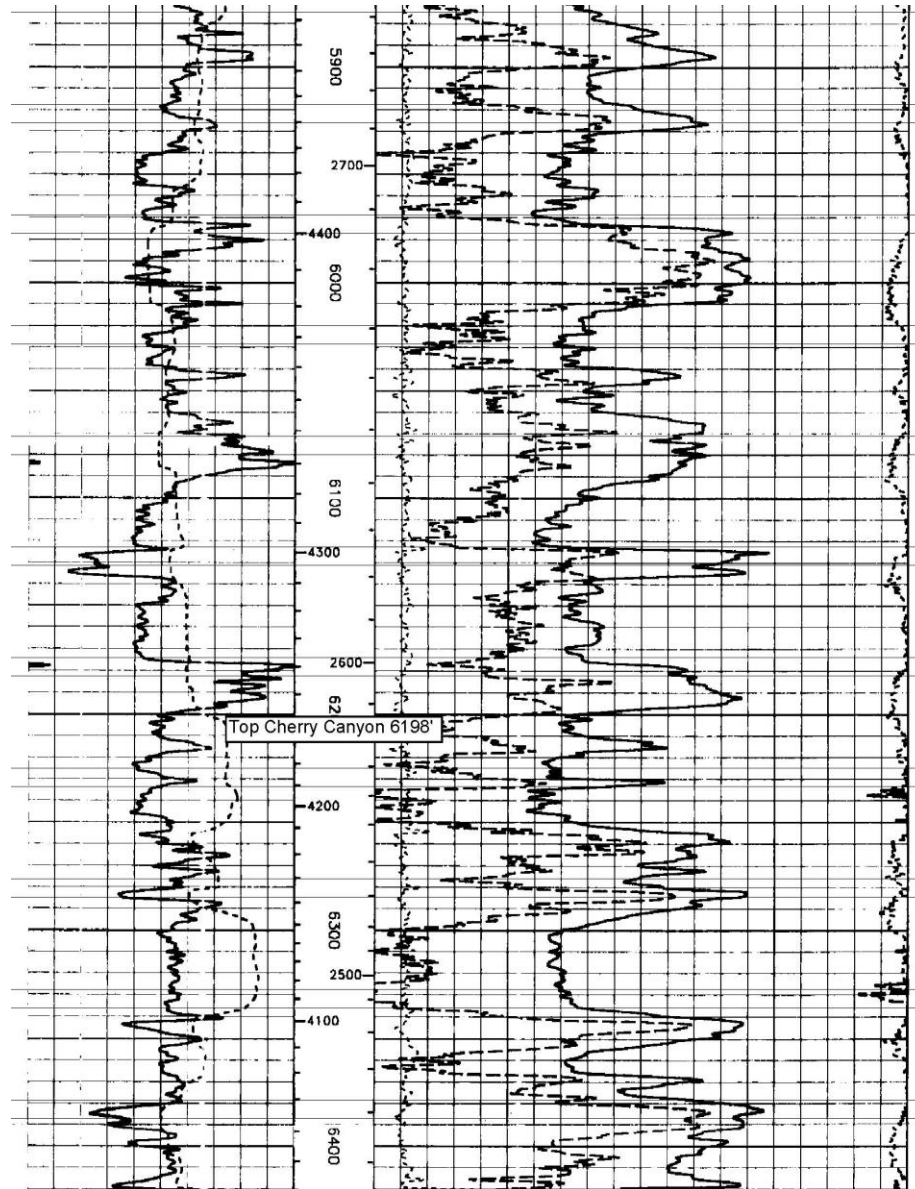
← **Delaware Mountain Group, 5222' – 8948'**  
Sandstone, interbedded Shale and Limestone

← **Lamar Limestone, 5224' – 5267'**  
Limestone, interbedded Shale and Siltstone

← **Bell Canyon Formation, 5267' – 6198'**  
Sandstone, interbedded Shale and Limestone

## Exhibit 2: Top Cherry Canyon Formation

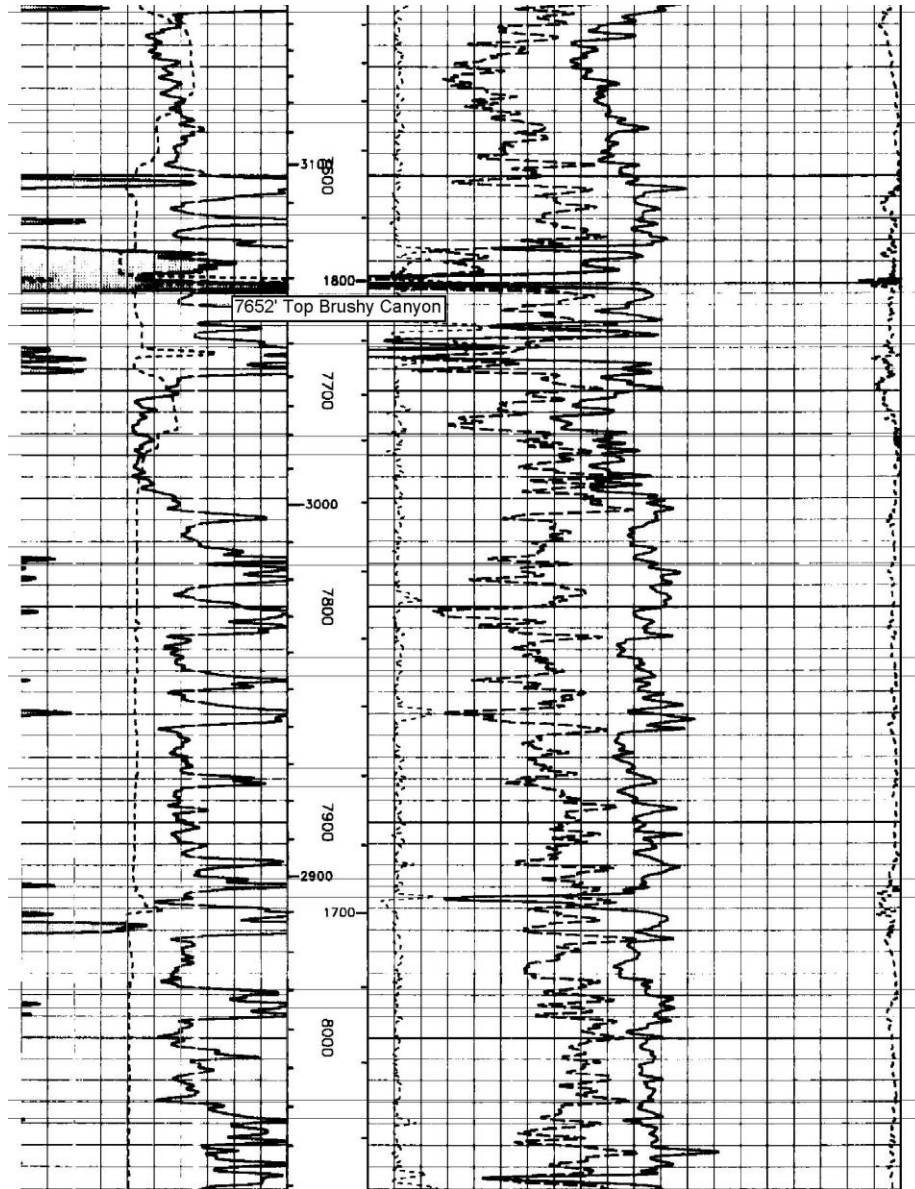
30-025-35322 Gamma Ray, Caliper, Density - Neutron Porosity Log



← **Cherry Canyon Formation, 6198' – 7652'**  
Sandstone, interbedded Shale and Limestone

# Exhibit 3: Top Brushy Canyon Formation

30-025-35322 Gamma Ray, Caliper, Density - Neutron Porosity Log

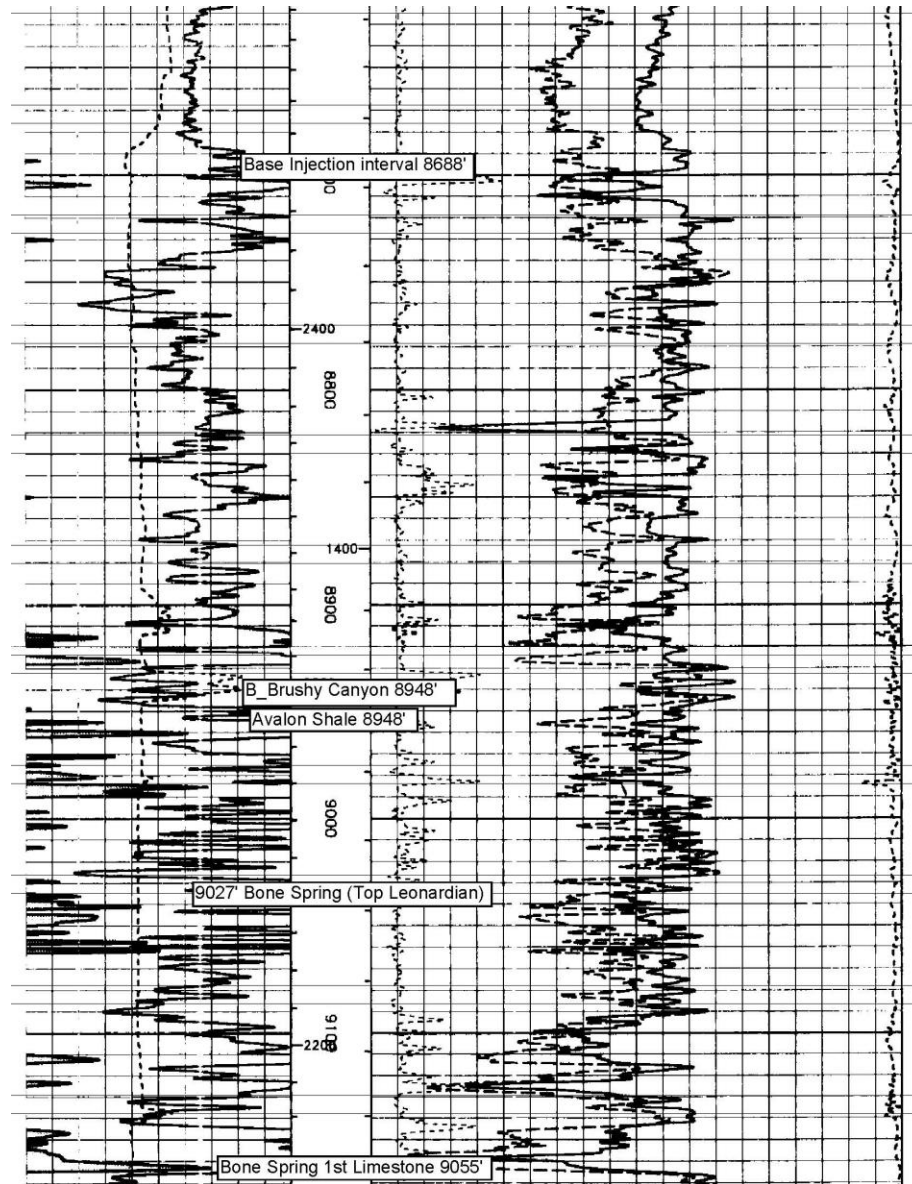


**Brushy Canyon Formation, 7652' – 8948'**  
Sandstone, interbedded Shale and Limestone



# Exhibit 4: Base Brushy Canyon Formation, Top Avalon Shale, and Bone Spring Formation

30-025-35322 Gamma Ray, Caliper, Density - Neutron Porosity Log



← **Base of DMG Injection zone 5267' – 8688'**  
Limestone, interbedded Shale and Siltstone

**Isolation interval 8688' – 8948'**  
Siltstone and Shale, interbedded Limestone

**Base of Brushy Canyon Formation, 8948' – 8948'**  
Sandstone, interbedded Siltstone, Shale, and Limestone

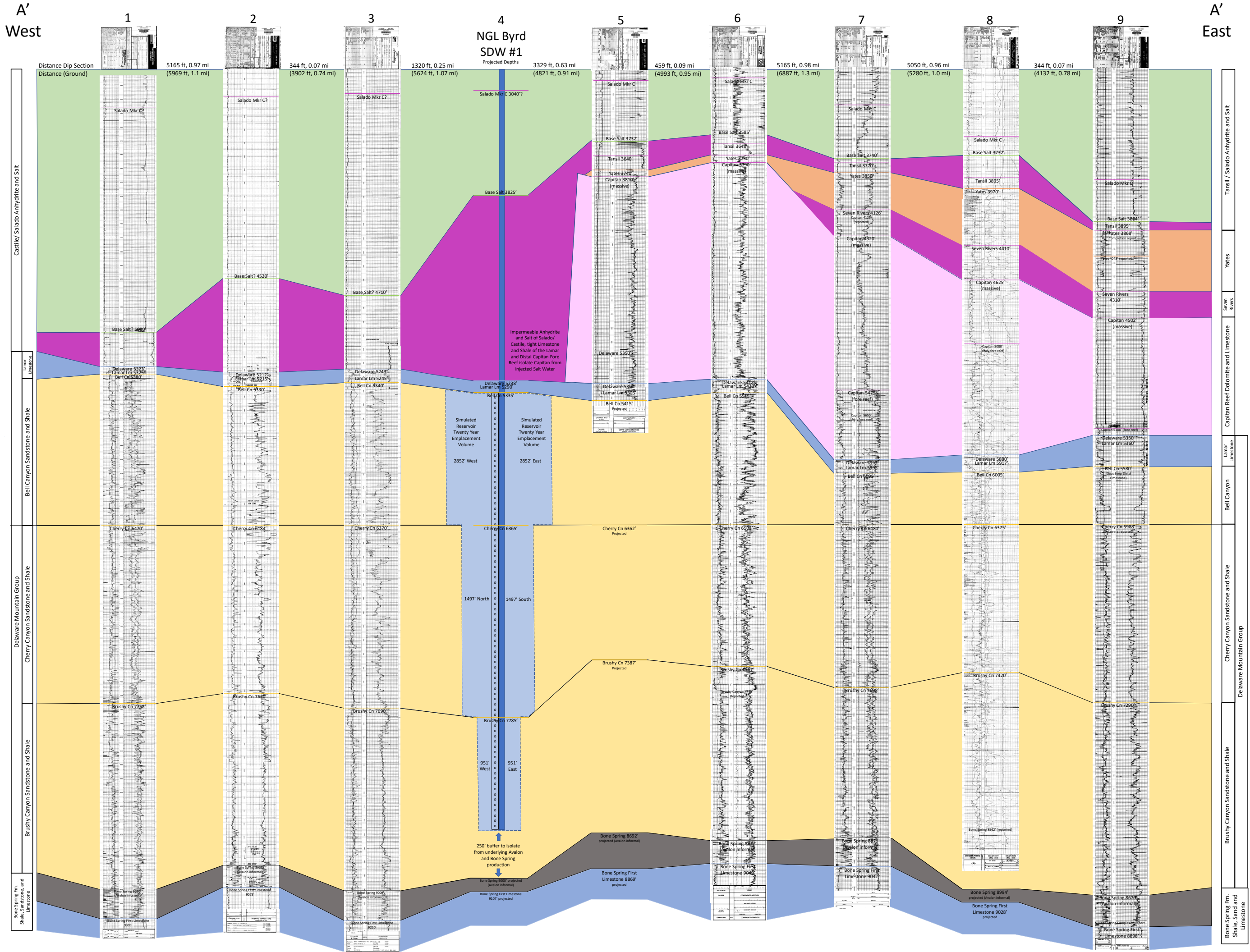
← **Avalon Shale, 8948' – 9055'**  
Shale, interbedded Limestone and Sandstone

← **Bone Spring Formation (Top Leonardian), 9027' - 12,397'**  
Limestone, interbedded Sandstone and Shale

← **Bone Spring 1<sup>st</sup> Limestone, 9055' - 10,212'**  
Limestone, interbedded Sandstone and Shale



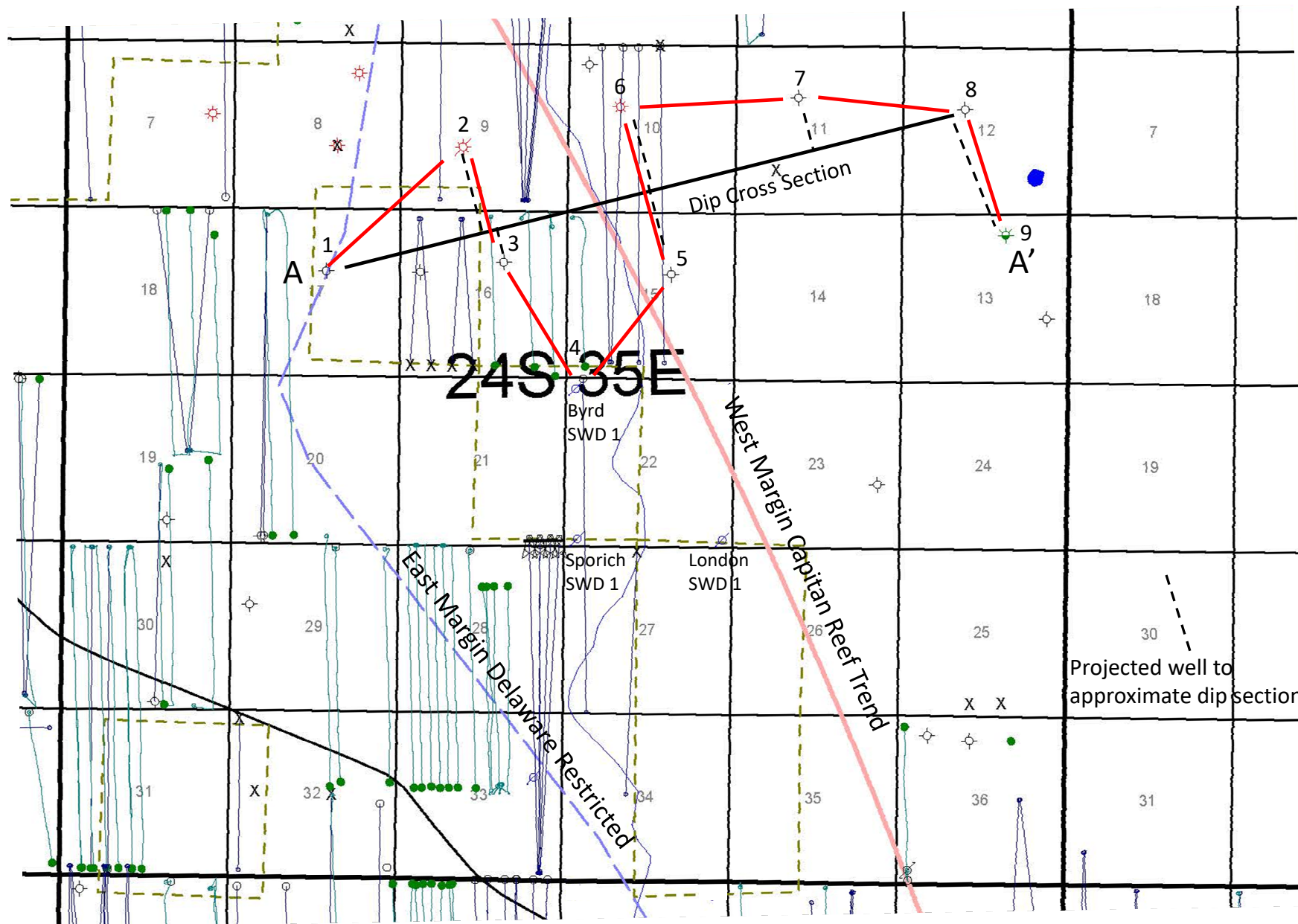
A'  
West



A'  
East



Byrd SWD 1 Index Map Cross Section A – A'





**Zeigler Geologic Consulting, LLC**  
13170 Central Ave. SE, B-137  
Albuquerque, NM 87123  
zeiglergeo@gmail.com  
zeiglergeo.com  
(505) 263-5448 (575) 207-7826

**TAP 10 Groundwater Statement Verification**  
**January 29, 2021**

The following items are related to the proposed C-108 statement for groundwater resources in the area surrounding the proposed TAP 10 SWD wells. This memo summarizes observations regarding static water levels and general water quality in the area based on data from the USGS, OSE and from relevant literature sources.

- Based on USGS and OSE data, static water levels in T24S, R35E vary between 10' and 560' below ground surface (bgs). The aquifer identification codes from the USGS range from Quaternary/bolson/surficial to Chinle to Santa Rosa and these are reasonable identifications for this area (two wells are misidentified as "surficial" with water tables greater than 100' bgs, and these may be Ogallala or Chinle wells).
- The USGS data table provided to ZGC by IPT includes three wells that are exceptionally deep for water wells: one listed at 1,250' TD, one at 5,713' TD and one at 5,300' TD.
  - o The 1,250' well has a water table at ~270' bgs and is coded as a Santa Rosa aquifer. This well may include a groundwater contribution from the underlying Dewey Lake and Rustler Formations and water quality may be correspondingly poor.
  - o The 5,713' well has a water table at ~1,050 bgs. This well is located in sec. 20, T24S, R36E. Nearby producing wells (e.g., 30-025-43779) list a Rustler top around 770' suggesting the local water table occurs in the upper Rustler.
  - o The 5,300' well has a water table at ~480-540' bgs and the well is located in sec. 28, T23S, R35E. This is probably a Santa Rosa well, but may also include contributions from Permian strata.
  - o These deeper wells are most likely wells drilled for hydrocarbon production or potash mining that proved to not be useable and were turned over for either use or monitoring. For example, the 1,250' deep well has a note in the associated OSE record that states: "This well will be used for livestock watering purpose also". It was originally drilled by Gulf, then turned over to a private individual (J. Post).
- The OSE data lists two wells drilled to ~5,390' TD with standing water recorded at ~4,400' and 4,365' bgs and one well drilled to ~1,570' TD with no water level recorded. Because the data recorded and presented by OSE represents a one-time water level measurement recorded immediately after the well was completed, there is no information about the current static water level. Both driller records indicate these wells encountered "limestone/dolostone/chalk" from ~4,400' to TD. It is highly unlikely that water sourced from this deep and from limestone or dolostone will be potable, even by livestock standards, but without chemistry data, it's not clear if this water may meet the (lower) standards for livestock water. All three of these wells appear to have been drilled by or for Intercontinental Potash Corporation and so were presumably not drilled for drinking or livestock water use.

Water quality notes from Jones (1973) for a study area, Los Medaños, just northwest of the Tap 10 area:

- The Santa Rosa Sandstone supplies most stock well water in the Los Medaños area and surrounding townships.
- The Rustler yields greater quantities of water than the Santa Rosa, but much of the Rustler water contains excessive dissolved material.
  - o Rustler water is probably from the Culebra Dolomite and/or the Magenta Dolomite
  - o Some specific conductance measurements for Rustler water were as high as 15,000 micromhos/centimeter (this is extremely high) although most values ranged from 1,000 to 5,000 micromhos/centimeter.
- The local groundwater is a more complex aquifer system that includes lower Chinle sandstone beds, the Santa Rosa Sandstone, and horizons within the Dewey Lake and Rustler Formations.
- The quantity of water is variable throughout the area, but other than Rustler wells, generally ranged from 5 to 10 gallons per minute (gpm). Rustler wells can be 100 gpm or higher.

Jones, C.L., 1973, Salt deposits of the Los Medaños area, Eddy and Lea County, with sections on ground water hydrology (M.E. Cooley) and surficial geology (G.O. Bachman): USGS Open-file Report 73-135, 73 p.

Respectfully submitted,

Kate Zeigler, Ph.D., CPG  
Noah Jemison, Ph.D.

Certificate No. CHAD HARCROW 17777  
W.O. # 20-1468 DRAWN BY: AH



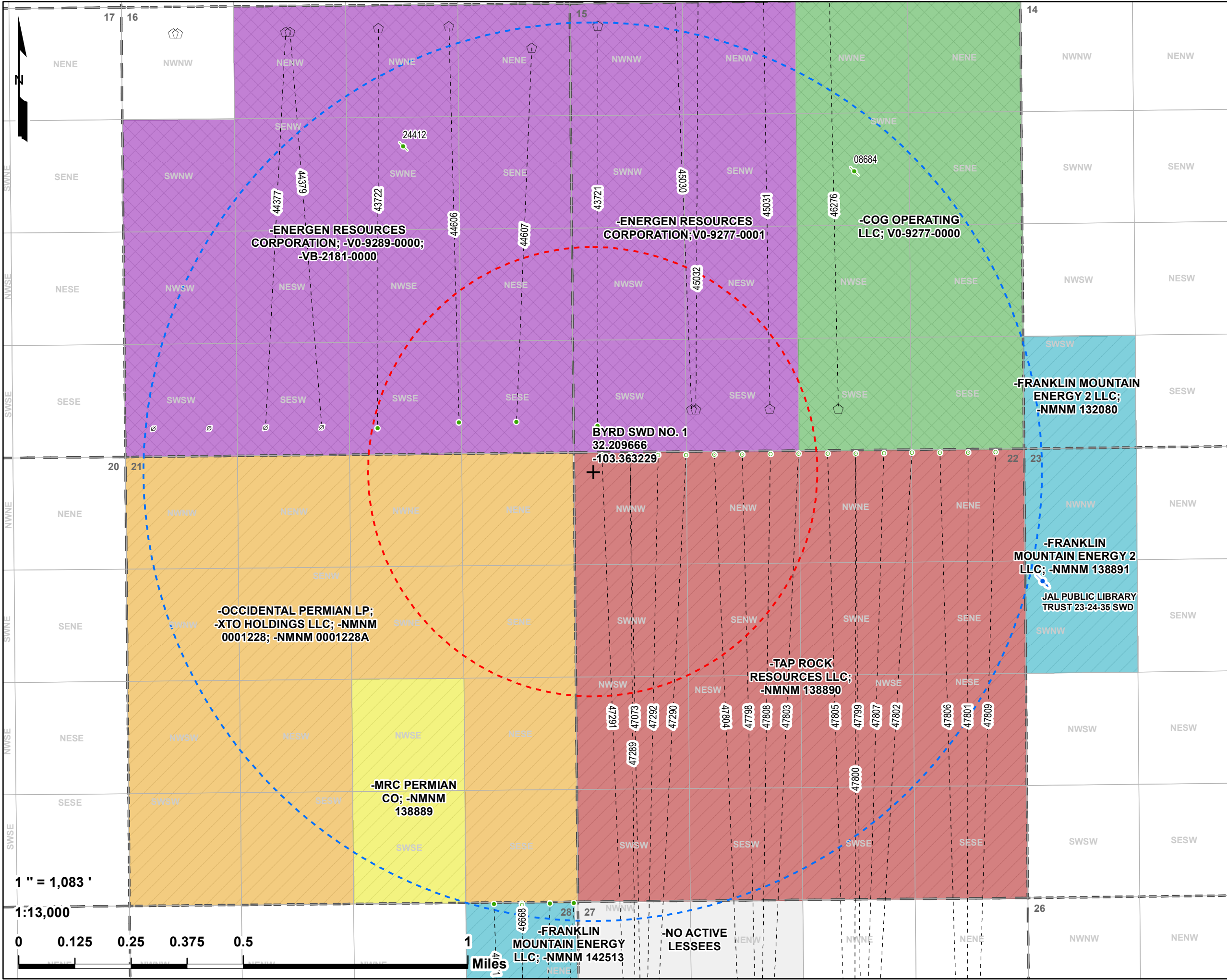




Byrd SWD No. 1  
1/2 Mile Area of Review List

API (30-025-...)	WELL NAME & #	WELL TYPE	STATUS	OPERATOR	TVD (FT.)	LATITUDE (NAD83 DD)	LONGITUDE (NAD83 DD)	DATE DRILLED
43721	BRAHMAN STATE 24 35 15 #601H	Oil	Active	COG OPERATING LLC	12321	32.2240720000	-103.362880000	7/19/2017
43722	ANGUS STATE 24 35 16 #454H	Oil	Active	COG OPERATING LLC	12059	32.2240720000	-103.371223000	6/12/2017
44606	ANGUS STATE 24 35 16 #605H	Oil	Active	COG OPERATING LLC	12279	32.2241002000	-103.368539200	5/1/2018
44607	ANGUS STATE 24 35 16 #456H	Oil	Active	COG OPERATING LLC	12070	32.2233871000	-103.365398200	5/2/2018
45030	BRAHMAN 15 10 STATE COM #452C	Oil	Cancelled	COG OPERATING LLC	-	32.2116622000	-103.359448600	-
45031	BRAHMAN 15 10 STATE COM #453C	Oil	Cancelled	COG OPERATING LLC	-	32.2116608000	-103.356474300	-
45032	BRAHMAN STATE 24 35 15 #602C	Oil	Cancelled	COG OPERATING LLC	-	32.2116620000	-103.359286900	-
47073	MAN HANDS FEDERAL COM #111H	Oil	New	TAP ROCK OPERATING, LLC	-	0.0000000000	0.000000000	-
47289	MAN HANDS FEDERAL COM #131H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1812780000	-103.361804400	-
47290	MAN HANDS FEDERAL COM #135H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1812779000	-103.361723600	-
47291	MAN HANDS FEDERAL COM #211H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1812092000	-103.361804400	-
47292	MAN HANDS FEDERAL COM #215H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1812092000	-103.361723600	-
47798	MAN HANDS FEDERAL COM #112H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1818872000	-103.357051900	-
47803	MAN HANDS FEDERAL COM #137H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1805817000	-103.357311200	-
47804	MAN HANDS FEDERAL COM #212H	Oil	New	TAP ROCK OPERATING, LLC	-	32.1805817000	-103.357392000	-
47808	MAN HANDS FEDERAL COM #217H	Oil	New	TAP ROCK OPERATING, LLC	-	32.18051300000	-103.35731130000	-





Byrd SWD No. 1

1-Mile Lessee(s) - BLM/SLO

NGL Water Solutions Permian, LLC

Lea Co., NM

PCS: NAD 1983 SPCS NM-E FIPS 3001 (US Ft.)

Drawn by: ASG

Date: 11/24/2020

Approved by: ELR

LONQUIST & CO. LLC

PETROLEUM ENGINEERS

ENERGY ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

+

Byrd SWD No. 1

1/2-Mile

1-Mile

Copy of Pending 2018-2020

NM-BLM

NM-SLO

QQ-Section (NM-PLSS 2nd Div.)

Section (NM-PLSS 1st Div.)

Township/Range (NM-PLSS)

Lateral

API (30-025-...) SHL Status-Type (Count)

Horizontal Surface Location (34)

Plugged (site released), - Oil (2)

API (30-025-...) BHL Status-Type (Count)

Active - Oil (9)

Cancelled - Oil (7)

Permitted - Oil (18)

Lessee

-COG OPERATING LLC; V0-9277-0000

-TAP ROCK RESOURCES LLC; -NMNM 138890

-FRANKLIN MOUNTAIN ENERGY LLC; -NMNM 142513

-FRANKLIN MOUNTAIN ENERGY 2 LLC; -NMNM 138891

-MRC PERMIAN CO; -NMNM 138889

-ENERGEN RESOURCES CORPORATION; -V0-9289-0000; -VB-2181-0000

-ENERGEN RESOURCES CORPORATION;V0-9277-0001

-FRANKLIN MOUNTAIN ENERGY 2 LLC; -NMNM 132080

-OCCIDENTAL PERMIAN LP; -XTO HOLDINGS LLC; -NMNM 0001228; -NMNM 0001228A

-NO ACTIVE LESSEES

Source: Well SHL Data - NM-OCD (2020)

62

EDDY

LEA

ANDREWS

LOVING

WINKLER

TEXAS

NEW MEXICO

Map Extent

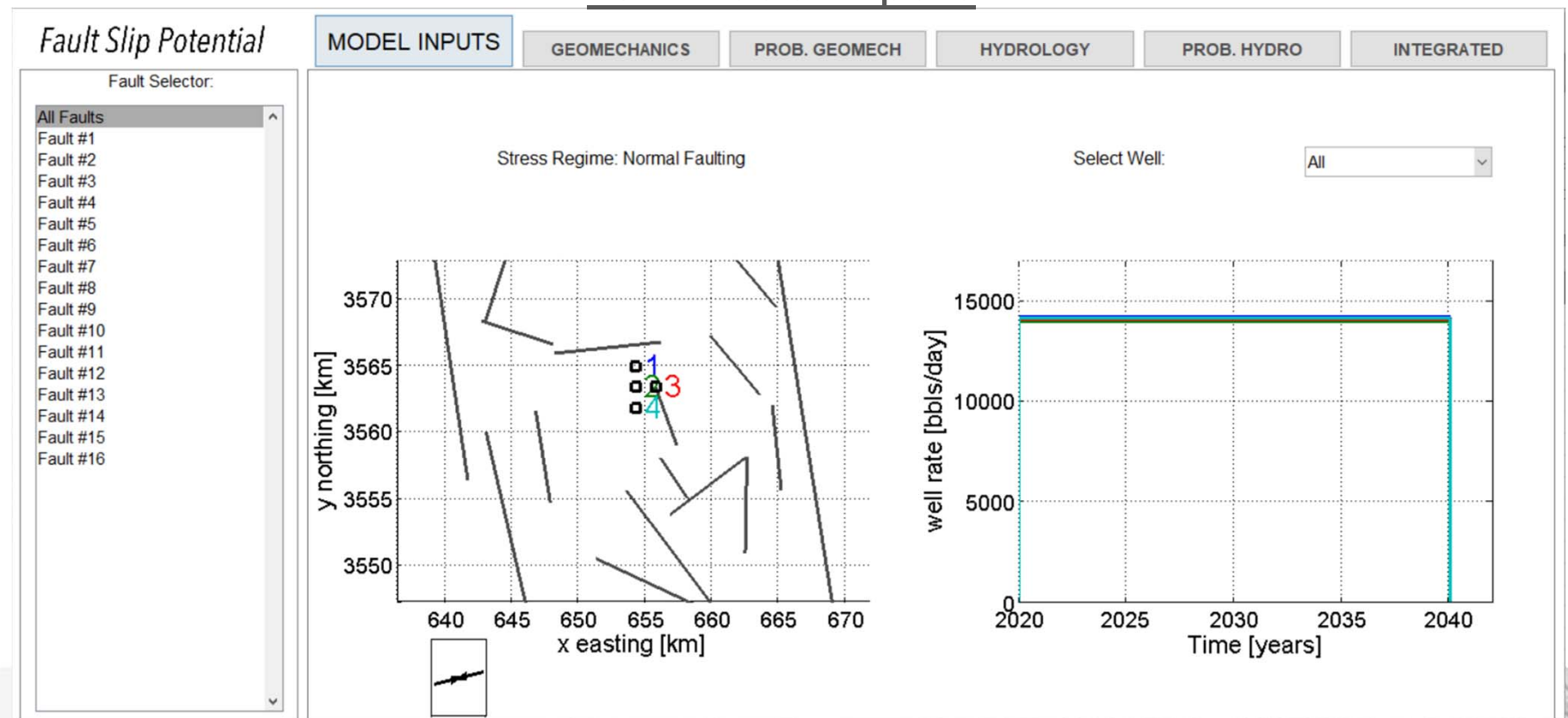
# Tap 10 Fault Slip Potential (FSP)

## Basement fault slip potential simulation

- 16 simplified basement faults sourced from Horne et al., 2020.
- Faults do not extend into injection strata, this simulation is a representation of the worst-case scenario

Horne et al. (2020) Basement-Rooted Faults of the Delaware Basin and Central Basin Platform, Permian Basin, West Texas and Southeastern New Mexico, Texas Data Repository Dataverse, V1.

## FSP Model Inputs





# Bell Canyon: 0.00 FSP

Fault Slip Potential vFSP 2.0

File Data Inputs Export Image Zoom

Fault Slip Potential

Fault Selector:

All Faults  
Fault #1, 0.00 FSP  
Fault #2, 0.00 FSP  
Fault #3, 0.00 FSP  
Fault #4, 0.00 FSP  
Fault #5, 0.00 FSP  
Fault #6, 0.00 FSP  
Fault #7, 0.00 FSP  
Fault #8, 0.00 FSP  
Fault #9, 0.00 FSP  
Fault #10, 0.00 FSP  
Fault #11, 0.00 FSP  
Fault #12, 0.00 FSP  
Fault #13, 0.00 FSP  
Fault #14, 0.00 FSP  
Fault #15, 0.00 FSP  
Fault #16, 0.00 FSP

Calculate

MODEL INPUTS

GEOMECHANICS

PROB. GEOMECH

HYDROLOGY

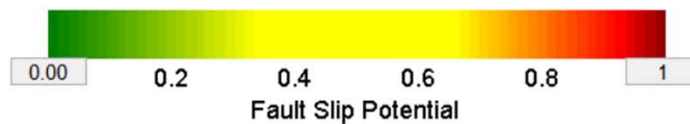
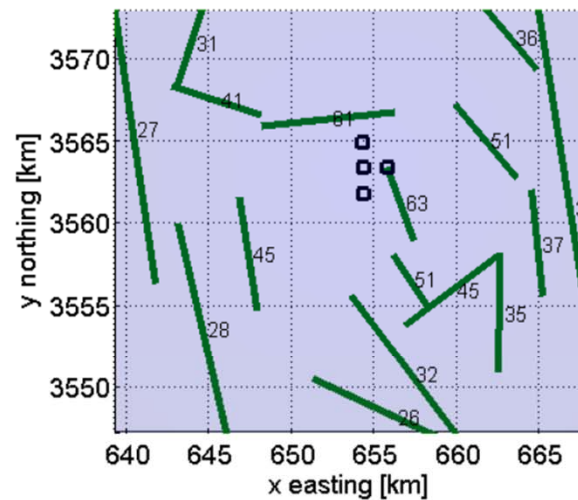
PROB. HYDRO

INTEGRATED

Export

b) PP Change at fault [psi]

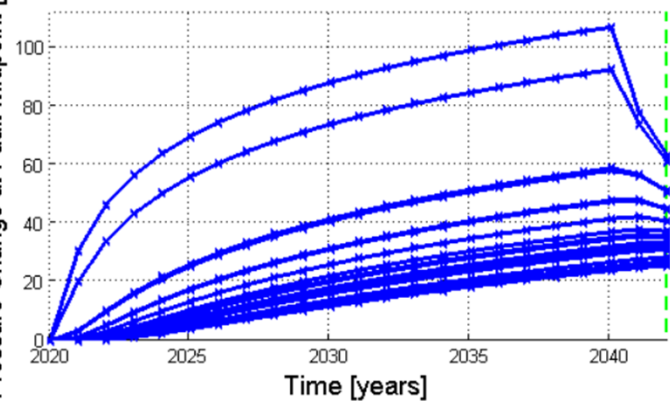
Summary Plots



Year: 2042

Pressure Change at Fault Midpoint [psi]

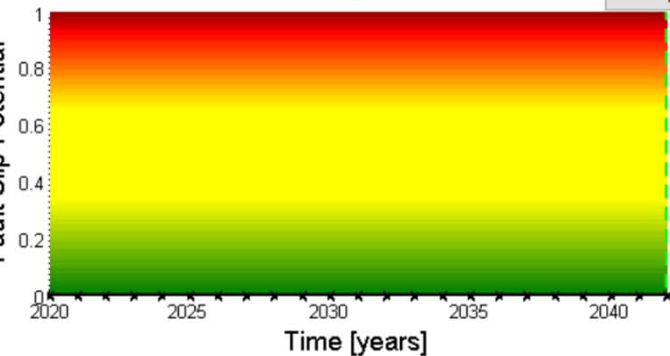
Select Fault to Plot Pressures



Fault Slip Potential

FSP

Export



# Cherry Canyon: 0.00 FSP

Fault Slip Potential vFSP 2.0

File Data Inputs Export Image Zoom

Fault Slip Potential

Fault Selector:

All Faults  
Fault #1, 0.00 FSP  
Fault #2, 0.00 FSP  
Fault #3, 0.00 FSP  
Fault #4, 0.00 FSP  
Fault #5, 0.00 FSP  
Fault #6, 0.00 FSP  
Fault #7, 0.00 FSP  
Fault #8, 0.00 FSP  
Fault #9, 0.00 FSP  
Fault #10, 0.00 FSP  
Fault #11, 0.00 FSP  
Fault #12, 0.00 FSP  
Fault #13, 0.00 FSP  
Fault #14, 0.00 FSP  
Fault #15, 0.00 FSP  
Fault #16, 0.00 FSP

Calculate

MODEL INPUTS

GEOMECHANICS

PROB. GEOMECH

HYDROLOGY

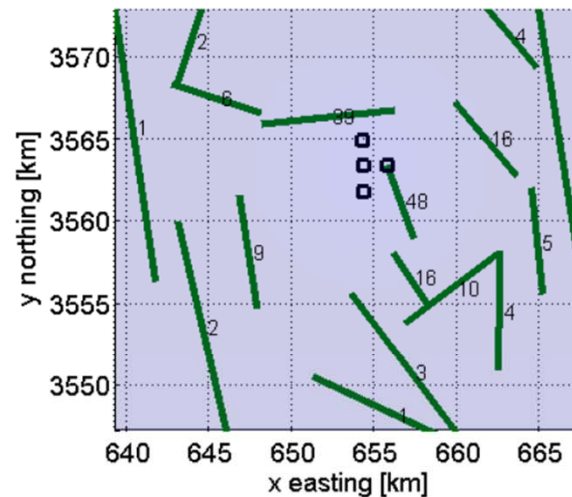
PROB. HYDRO

INTEGRATED

Export

b) PP Change at fault [psi]

Summary Plots

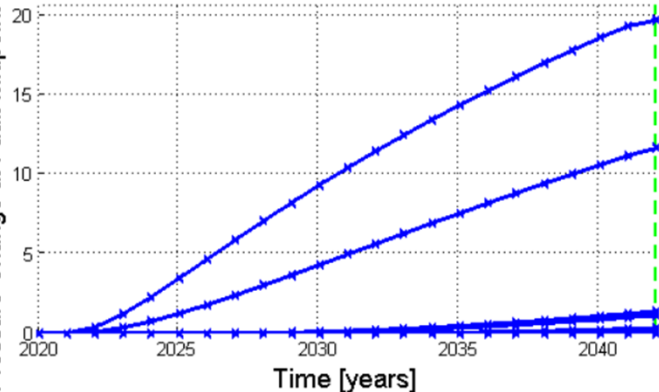


Year:

2042

Pressure Change at Fault Midpoint [psi]

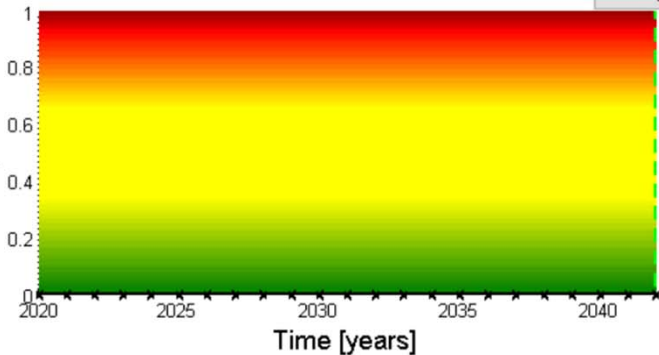
Select Fault to Plot Pressures



Fault Slip Potential

FSP

Export





# Brushy Canyon: 0.00 FSP

Fault Slip Potential vFSP 2.0

File Data Inputs Export Image Zoom

Fault Slip Potential

Fault Selector:

All Faults

Fault #1, 0.00 FSP  
Fault #2, 0.00 FSP  
Fault #3, 0.00 FSP  
Fault #4, 0.00 FSP  
Fault #5, 0.00 FSP  
Fault #6, 0.00 FSP  
Fault #7, 0.00 FSP  
Fault #8, 0.00 FSP  
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Fault #10, 0.00 FSP  
Fault #11, 0.00 FSP  
Fault #12, 0.00 FSP  
Fault #13, 0.00 FSP  
Fault #14, 0.00 FSP  
Fault #15, 0.00 FSP  
Fault #16, 0.00 FSP

Calculate

MODEL INPUTS

GEOMECHANICS

PROB. GEOMECH

HYDROLOGY

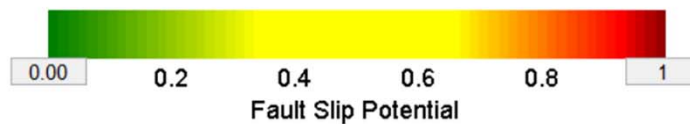
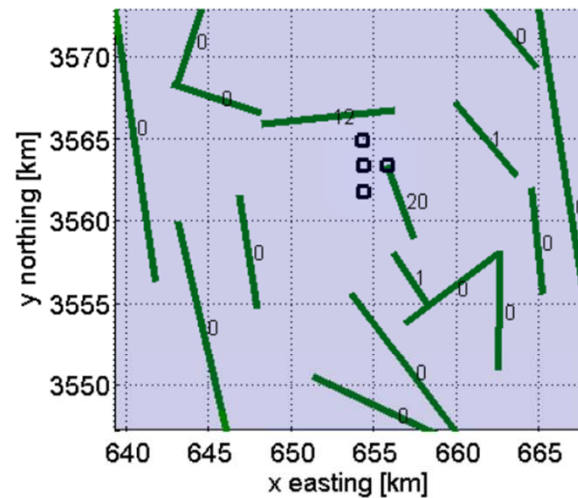
PROB. HYDRO

INTEGRATED

Export

b) PP Change at fault [psi]

Summary Plots

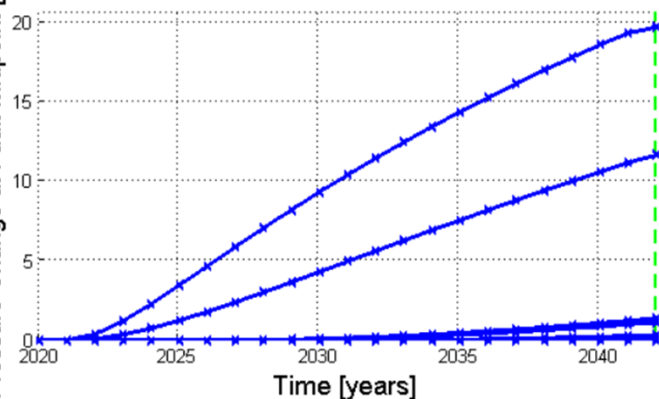


Year:

2042

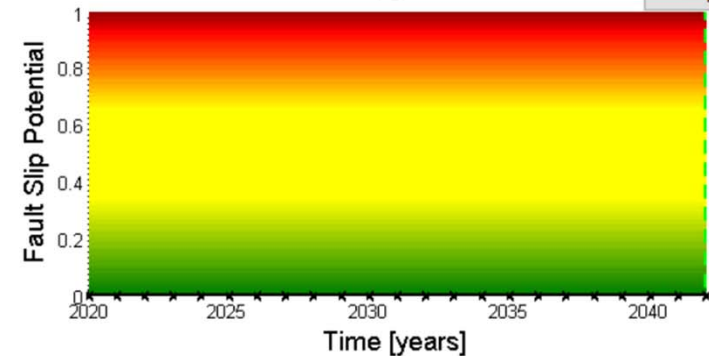
Pressure Change at Fault Midpoint [psi]

Select Fault to Plot Pressures



FSP

Export



# Affidavit of Publication

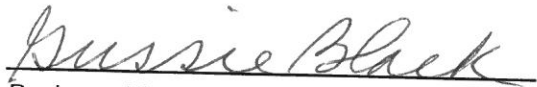
STATE OF NEW MEXICO  
COUNTY OF LEA

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).

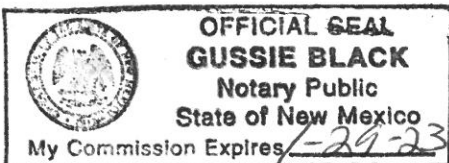
Beginning with the issue dated  
March 12, 2021  
and ending with the issue dated  
March 12, 2021.

  
Publisher

Sworn and subscribed to before me this  
12th day of March 2021.

  
Business Manager

My commission expires  
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

## LEGALS

### LEGAL NOTICE March 12, 2021

NGL Water Solutions Permian, LLC, located at 865 North Albion Street, Suite 400, Denver, Colorado 80220, is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for administrative approval for its salt water disposal well Byrd SWD No. 1. The proposed well will be located at 220' FNL and 220' FWL in Section 22, Township 24S, Range 35E in Lea County, New Mexico. Disposal water will be sourced from area production, and will be injected into the Bell, Cherry and Brushy Canyon Formations (determined by offset log analysis) through an open hole completion between an applied for top of 5,345 feet to a maximum depth of 8,750 feet. The maximum surface injection pressure will not exceed 1,069 psi with a maximum rate of 19,500 BWP. Interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days. Additional information can be obtained from the applicant, Joe Vargo, at (303) 815-1010, extension 3652. #36286

67112661

00251940

LONQUIST & CO., LLC  
12912 HILL COUNTRY BLVD, STE F200  
AUSTIN, TX 78738



## DETERMINATION AND NOTICE OF AFFECTED PARTIES – NEW MEXICO

If an operator or mineral lessee has legal acreage or leases within one-half mile of the proposed salt water disposal well, their contact information is collected for notification purposes. Legal acreage of offset operators is gathered from the New Mexico Oil Conservation District's Permitting website. Minerals leased from the federal government are determined by referencing the Bureau of Land Management's Land and Mineral System Reports database. Minerals leased from the state government are determined by referencing the New Mexico State Land Office's Data Access database. Contact information for the affected parties is then extracted from the reports that were filed with the appropriate regulatory agency.

Notices were sent for the Byrd SWD No. 1 application by mailing them a copy of Form C-108, C-108 supplemental information, and plat. The individual tracking numbers and delivery confirmations are documented in the subsequent pages.

A handwritten signature in blue ink, appearing to read "J. Vargo", is written over a horizontal line.

Joseph Vargo  
Regulatory Director

Project: NGL Water Solutions Permian, LLC  
Byrd SWD No. 1

Byrd SWD No. 1 Notice List - Sec. 22-T24S-R35E						
S-T-R	Lease	Notice Party Type	Notice Party	Address	Tracking No.	Carrier
			Oil Conservation Division District IV	Submitted Online	N/A	N/A
			Oil Conservation Division District I - Hobbs	1625 N. French Drive, Hobbs, New Mexico 88240	7733 0098 5794	FedEx
		SURFACE - SWD TRACT	TAP ROCK NM 10 MINERALS LLC	602 PARK POINT DRIVE, SUITE 200, GOLDEN, CO 80401		
Mineral Owners						
Multiple	-	ADJACENT TRACT MINERAL OWNER	BUREAU OF LAND MGMT	301 Dinosaur Trail Santa Fe, NM 87508	7733 0101 0088	FedEx
Multiple		ADJACENT TRACT MINERAL OWNER	NEW MEXICO STATE LAND OFFICE	P.O. Box 1148, Santa Fe, NM 87504	931486990430008023944E	USPS
Notice Parties - 1/2-Mile						
S15-24S-35E S16-24S-35E	V0-9289-0000 V0-9277-0001 VB-2181-0000	LESSEE	ENERGEN RESOURCES CORPORATION	500 W TEXAS AVE, STE 1200, MIDLAND TX 79701	7733 0345 3886	FedEx
S21-24S-35E	NMNM 0001228 NMNM 0001228A	LESSEE	OCCIDENTAL PERMIAN LP	5 E GREENWAY PLAZA #110, HOUSTON TX 77046-0521	9314869904300080239462	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	LESSEE	XTO HOLDINGS LLC	22777 SPRINGWOODS VILLAGE PKWY, SPRING TX 77389-1425	9314869904300080239479	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	RSE PARTNERS I LP	3141 HOOD ST #700, DALLAS TX 75219	7733 0178 4387	FedEx
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	OXY Y-1 CO	5 GREENWAY PLZ STE 110, HOUSTON TX 77046-0521	9314869904300080239493	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	OXY USA WTP LP	5 GREENWAY PLZ STE 110, HOUSTON TX 77046-0521	9314869904300080239493	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	CHEVRON USA INC	6301 DEAUVILLE, MIDLAND TX 79706-2964	7733 0113 3806	FedEx
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	OXY USA INC	5 GREENWAY PLZ STE 110, HOUSTON TX 77046-0521	9314869904300080239493	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	ADVANCE ENERGY PARTNERS LLC	11490 WESTHEIMER RD STE 950, HOUSTON TX 77077-6841	9314869904300080239516	USPS
S21-24S-35E	NMNM 0001228 NMNM 0001228A	OPERATING RIGHTS	CHEVRON MIDCONTINENT LP	6301 DEAUVILLE, MIDLAND TX 79706-2964	7733 0113 3806	FedEx
S21-24S-35E	NMNM 0001228	OPERATING RIGHTS	FRANKLIN MOUNTAIN ENERGY LLC	44 COOK ST STE 1000, DENVER, CO 80206-5827	9314869904300080239523	USPS
S21-24S-35E	NMNM 0001228	OPERATING RIGHTS	CHESAPEAKE EXPL LLC	PO BOX 18496, OKLAHOMA CITY, OK 73154-0496	9314869904300080239530	USPS
S21-24S-35E	NMNM 138889	LESSEE	MRC PERMIAN CO	5400 LBJ FWY STE 1500, DALLAS TX 75240-1017	9314869904300080239547	USPS
S15-24S-35E	V0-9277-0000	LESSEE	COG OPERATING LLC	600 W Illinois Ave, Midland, TX 79701	9314869904300080239554	USPS
S14-24S-35E	NMNM 132080	LESSEE/OPERATING RIGHTS	FRANKLIN MOUNTAIN ENERGY 2 LLC	123 W MILLS AVE STE 600, EL PASO TX 79901-1577	9314869904300080239561	USPS
S23-24S-35E	NMNM 138891	LESSEE	FRANKLIN MOUNTAIN ENERGY LLC	123 W MILLS AVE STE 600, EL PASO TX 79901-1577	9314869904300080239561	USPS
S15-24S-35E S16-24S-35E		OPERATOR	COG OPERATING LLC	600 W Illinois Ave, Midland, TX 79701	9314869904300080239554	USPS
S22-24S-35E S26-24S-35E S27-24S-35E		OPERATOR	TAP ROCK OPERATING, LLC	523 Park Point Drive Suite 200, Golden, CO 80401	9314869904300080239578	USPS



March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 78.**

#### Item Details

<b>Status:</b>	Delivered to Agent for Final Delivery
<b>Status Date / Time:</b>	March 22, 2021, 01:17 p.m.
<b>Location:</b>	GOLDEN, CO 80401
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	TAP ROCK OPERATING LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:  
(Authorized Agent)

Address of Recipient:

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**Reference Number:** 2376-BYRD SWD #1/SPORICH SWD #1



March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 61.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	March 22, 2021, 12:59 p.m.
<b>Location:</b>	EL PASO, TX 79901
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	FRANKLIN MOUNTAIN ENERGY LLC FRANKLIN MOUNTAIN E

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Destination Delivery Address

<b>Street Address:</b>	123 W MILLS AVE STE 600
<b>City, State ZIP Code:</b>	EL PASO, TX 79901-1577

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 54.**

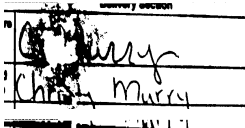

#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	March 22, 2021, 08:41 a.m.
<b>Location:</b>	MIDLAND, TX 79702
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	COG OPERATING LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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March 22, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 47.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	March 20, 2021, 10:52 a.m.
<b>Location:</b>	DALLAS, TX 75240
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	MRC PERMIAN CO

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Destination Delivery Address

<b>Street Address:</b>	5400 LYNDON B JOHNSON FWY STE 1500
<b>City, State ZIP Code:</b>	DALLAS, TX 75240-1017

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

*[Handwritten Signature]*  
4802C19  
#1500  
Kulu

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 30.**

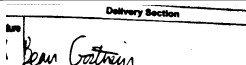
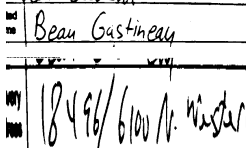
#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	March 25, 2021, 07:40 a.m.
<b>Location:</b>	OKLAHOMA CITY, OK 73118
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	CHESAPEAKE EXPL LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 23.**

#### Item Details

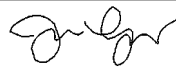
<b>Status:</b>	Delivered
<b>Status Date / Time:</b>	March 25, 2021, 03:31 p.m.
<b>Location:</b>	DENVER, CO 80246
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	FRANKLIN MOUNTAIN ENERGY LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:

  
Jessica Grey

Address of Recipient:

44 Cook St 100C

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2395 16.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	March 22, 2021, 04:25 p.m.
<b>Location:</b>	HOUSTON, TX 77077
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	ADVANCE ENERGY PARTNERS LLC

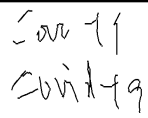
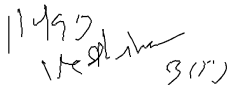
#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Destination Delivery Address

<b>Street Address:</b>	11490 WESTHEIMER RD
<b>City, State ZIP Code:</b>	HOUSTON, TX 77077-6800

#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2394 93.**

#### Item Details

<b>Status:</b>	Delivered to Agent for Final Delivery
<b>Status Date / Time:</b>	March 22, 2021, 10:57 a.m.
<b>Location:</b>	HOUSTON, TX 77046
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	OXY Y 1 CO OXY USA INC OXY USA WTP LP

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:  
(Authorized Agent)

CV/9  
CH

Address of Recipient:

\_\_\_\_\_

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2394 79.**

#### Item Details

<b>Status:</b>	Delivered to Agent for Final Delivery
<b>Status Date / Time:</b>	March 22, 2021, 09:30 a.m.
<b>Location:</b>	SPRING, TX 77389
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	XTO HOLDINGS LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
----------------	-------

#### Recipient Signature

Signature of Recipient: (Authorized Agent)	<i>M 8906 COV-9</i> <i>M 8906 COV-9</i>
Address of Recipient:	<i>Exxon</i> <i>22777 Springville</i> <i>VMage</i>

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**Reference Number:** 2376-BYRD SWD #1/SPORICH SWD #1



March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2394 62.**

#### Item Details

<b>Status:</b>	Delivered to Agent for Final Delivery
<b>Status Date / Time:</b>	March 22, 2021, 10:57 a.m.
<b>Location:</b>	HOUSTON, TX 77046
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	OCCIDENTAL PERMIAN LP

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:  
(Authorized Agent)

CV/9  
CH

Address of Recipient:

\_\_\_\_\_

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March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2394 48.**

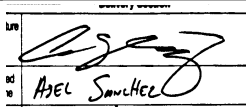
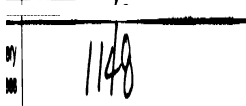
#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	March 22, 2021, 07:00 a.m.
<b>Location:</b>	SANTA FE, NM 87501
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	NEW MEXICO STATE LAND OFFICE

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Information in this section provided by Covius Document Services, LLC.

**Reference Number:** 2376-BYRD SWD #1/SPORICH SWD #1



March 29, 2021

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9314 8699 0430 0080 2394 24.**

#### Item Details

<b>Status:</b>	Delivered to Agent for Final Delivery
<b>Status Date / Time:</b>	March 22, 2021, 01:17 p.m.
<b>Location:</b>	GOLDEN, CO 80401
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	TAP ROCK NM 10 MINERALS LLC

#### Shipment Details

<b>Weight:</b>	4.0oz
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#### Recipient Signature

Signature of Recipient:  
(Authorized Agent)

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

---

Information in this section provided by Covius Document Services, LLC.

**Reference Number:** 2376-BYRD SWD #1/SPORICH SWD #1

**Shipment Receipt****Address Information****Ship to:**

OIL CONSERVATION DIVISION  
DISTRICT I  
1625 N FRENCH DRIVE

HOBBS, NM  
88240  
US  
5753936161

**Ship from:**

Chris Weyand  
Lonquist Field Service  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX  
77002  
US  
5126001764

**Shipment Information:**

Tracking no.: 773300985794

Ship date: 03/30/2021

Estimated shipping charges: 19.87 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-Byrd #1, Sporich #1

P.O. no.:

Invoice no.:

Department no.:

**Thank you for shipping online with FedEx ShipManager at [fedex.com](https://www.fedex.com).**

**Please Note**

FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1000, e.g., jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits; Consult the applicable FedEx Service Guide for details. The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.

**Shipment Receipt****Address Information****Ship to:**

BUREAU OF LAND MGMT

301 DINOSAUR TRAIL

SANTA FE, NM

87508

US

5059542000

**Ship from:**

Chris Weyand

Lonquist Field Service

1415 Louisiana St

Ste 1415

HOUSTON, TX

77002

US

5126001764

**Shipment Information:**

Tracking no.: 773301010088

Ship date: 03/30/2021

Estimated shipping charges: 20.10 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-Byrd #1, Sporich #1

P.O. no.:

Invoice no.:

Department no.:

**Thank you for shipping online with FedEx ShipManager at [fedex.com](https://www.fedex.com).****Please Note**

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The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.

**Shipment Receipt****Address Information****Ship to:**

RSE PARTNERS LP

3141 HOOD ST #350

DALLAS, TX

75219

US

5126001764

**Ship from:**

Chris Weyand

Longquist Field Service

1415 Louisiana St

Ste 3800

HOUSTON, TX

77002

US

5126001764

**Shipment Information:**

Tracking no.: 773301095569

Ship date: 03/30/2021

Estimated shipping charges: 15.72 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-BYRD #1, SPORICH #1

P.O. no.:

Invoice no.:

Department no.:

**Thank you for shipping online with FedEx ShipManager at [fedex.com](https://www.fedex.com).****Please Note**

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The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.



**Shipment Receipt****Address Information****Ship to:**

CHEVRON USA INC  
CHEVRON MID CONTINENT  
6301 DEAUVILLE

MIDLAND, TX  
79706  
US  
4326877723

**Ship from:**

Chris Weyand  
Lonquist Field Service  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX  
77002  
US  
5126001764

**Shipment Information:**

Tracking no.: 773301133806

Ship date: 03/30/2021

Estimated shipping charges: 19.87 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-BYRD #1, SPORICH #1

P.O. no.:

Invoice no.:

Department no.:

**Thank you for shipping online with FedEx ShipManager at [fedex.com](https://www.fedex.com).**

**Please Note**

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**Shipment Receipt****Address Information****Ship to:**

Energen Resources Corp

500 W TEXAS AVE

STE 1200

MIDLAND, TX

79701

US

4326871155

**Ship from:**

Chris Weyand

Lonquist Field Service

1415 LOUISIANA ST

STE 3800

HOUSTON, TX

77002

US

5126001764

**Shipment Information:**

Tracking no.: 773303453886

Ship date: 03/30/2021

Estimated shipping charges: 16.52 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-Byrd #1, Sporich #1

P.O. no.:

Invoice no.:

Department no.:

**Thank you for shipping online with FedEx ShipManager at fedex.com.****Please Note**

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## Shipment Receipt

**Address Information****Ship to:**

RSE PARTNERS LP

3141 HOOD ST  
STE 700  
DALLAS, TX  
75219  
US  
5126001764

**Ship from:**

Chris Weyand  
Lonquist Field Service  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX  
77002  
US  
5126001764

**Shipment Information:**

Tracking no.: 773301784387

Ship date: 03/30/2021

Estimated shipping charges: 15.72 USD

**Package Information**

Pricing option: FedEx Standard Rate

Service type: FedEx Ground

Package type: Your Packaging

Number of packages: 1

Total weight: 2 LBS

Declared Value: 0.00 USD

Special Services: Direct signature required

Pickup/Drop-off: Drop off package at FedEx location

**Billing Information:**

Bill transportation to: Houston-089

Your reference: 2376-BYRD #1, SPORICH #1

P.O. no.:

Invoice no.:

Department no.:

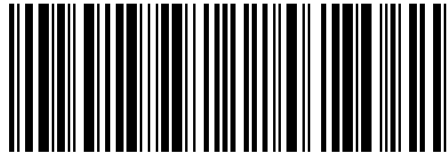
**Thank you for shipping online with FedEx ShipManager at [fedex.com](https://www.fedex.com).**

**Please Note**

FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1000, e.g., jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits; Consult the applicable FedEx Service Guide for details.

The estimated shipping charge may be different than the actual charges for your shipment. Differences may occur based on actual weight, dimensions, and other factors. Consult the applicable [FedEx Service Guide](#) or the FedEx Rate Sheets for details on how shipping charges are calculated.

Lonquist & CO LLC  
1415 Louisiana St.  
Ste 3800  
Houston, TX 77002



**9314 8699 0430 0080 6460 62**

RETURN RECEIPT (ELECTRONIC)



Total Postage: \$7.95

RSE PARTNERS  
3141 HOOD STREET #700  
2376 BYRD SWD #1, SPORICH SWD #1  
DALLAS, TX 75219

Reference Number:



TRACK ANOTHER SHIPMENT

773300985794

[ADD NICKNAME](#)

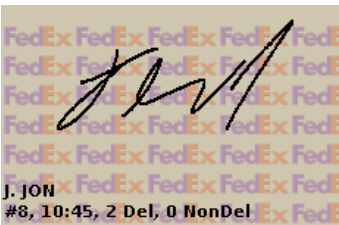


Delivered  
Monday, April 5, 2021 at 10:45 am



DELIVERED

Signed for by: JJON



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Direct signature required

FROM

Longquist Field Service  
Chris Weyand  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX US 77002  
512-600-1764

TO

OIL CONSERVATION DIVISION  
DISTRICT I  
1625 N FRENCH DRIVE  
Hobbs, NM US 88240  
575-393-6161

Travel History

TIME ZONE

Local Scan Time

Monday, April 5, 2021

10:45 AM

Hobbs, NM

Delivered

5:33 AM

CARLSBAD, NM

On FedEx vehicle for delivery

5:16 AM

CARLSBAD, NM

At local FedEx facility

Saturday, April 3, 2021

4/8/2021

## Detailed Tracking

4:00 AM CARLSBAD, NM At local FedEx facility

Friday, April 2, 2021

7:41 AM CARLSBAD, NM Delivery exception  
Customer not available or business closed

7:03 AM CARLSBAD, NM On FedEx vehicle for delivery

7:02 AM CARLSBAD, NM At local FedEx facility

Thursday, April 1, 2021

9:15 PM FORT WORTH, TX Departed FedEx location

2:44 AM FORT WORTH, TX Arrived at FedEx location

Wednesday, March 31, 2021

9:26 PM HOUSTON, TX Left FedEx origin facility

6:41 PM HOUSTON, TX Arrived at FedEx location

3:57 PM HOUSTON, TX Picked up

Tuesday, March 30, 2021

9:45 PM HOUSTON, TX In FedEx possession  
Package received after final location pickup has occurred. Scheduled for pickup next business day.

7:46 AM Shipment information sent to FedEx

## Shipment Facts

## TRACKING NUMBER

773300985794

## SERVICE

FedEx Ground

## REFERENCE

2376-Byrd #1, Sporich #1

## WEIGHT

2 lbs / 0.91 kgs

## DELIVERY ATTEMPTS

2

## TOTAL PIECES

1

## TERMS

Shipper

## PACKAGING

Package

## SPECIAL HANDLING SECTION

Direct Signature Required

## SHIP DATE

3/31/21 ?

## SIGNATURE SERVICES

Direct signature required ?

## STANDARD TRANSIT

4/5/21 ?

## ACTUAL DELIVERY

4/5/21 at 10:45 am ?



TRACK ANOTHER SHIPMENT

773301010088

[ADD NICKNAME](#)

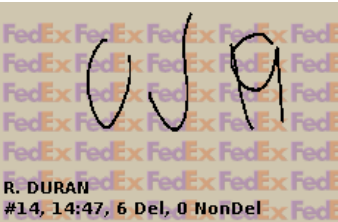


Delivered  
Monday, April 5, 2021 at 2:47 pm



DELIVERED

Signed for by: RDURAN



[GET STATUS UPDATES](#)

[OBTAIN PROOF OF DELIVERY](#)

Direct signature required

FROM

Longquist Field Service  
Chris Weyand  
1415 Louisiana St  
Ste 1415  
HOUSTON, TX US 77002  
512-600-1764

TO

BUREAU OF LAND MGMT  
BUREAU OF LAND MGMT  
301 DINOSAUR TRAIL  
Santa Fe, NM US 87508  
505-954-2000

Travel History

TIME ZONE

Local Scan Time

Monday, April 5, 2021

2:47 PM

Santa Fe, NM

Delivered

7:37 AM

SANTA FE, NM

On FedEx vehicle for delivery

4:04 AM

SANTA FE, NM

At local FedEx facility

Sunday, April 4, 2021



4/8/2021

## Detailed Tracking

4:46 AM SANTA FE, NM At local FedEx facility

Saturday, April 3, 2021

8:30 AM SANTA FE, NM At local FedEx facility

Friday, April 2, 2021

9:47 PM HENDERSON, CO Departed FedEx location

Thursday, April 1, 2021

11:27 PM HENDERSON, CO Arrived at FedEx location

3:20 PM AMARILLO, TX In transit

3:20 AM SCHERTZ, TX Departed FedEx location

12:47 AM SCHERTZ, TX Arrived at FedEx location

Wednesday, March 31, 2021

6:56 PM HOUSTON, TX Left FedEx origin facility

6:33 PM HOUSTON, TX Arrived at FedEx location

3:57 PM HOUSTON, TX Picked up

Tuesday, March 30, 2021

9:45 PM HOUSTON, TX In FedEx possession  
Package received after final location pickup has occurred. Scheduled for pickup next business day.

7:46 AM Shipment information sent to FedEx

## Shipment Facts

## TRACKING NUMBER

773301010088

## SERVICE

FedEx Ground

## REFERENCE

2376-Byrd #1, Sporich #1

## WEIGHT

2 lbs / 0.91 kgs

## DELIVERY ATTEMPTS

1

## TOTAL PIECES

1

## TERMS

Shipper

## PACKAGING

Package

## SPECIAL HANDLING SECTION

Direct Signature Required

## SHIP DATE

3/31/21 ?

## SIGNATURE SERVICES

Direct signature required ?

## STANDARD TRANSIT

4/5/21 ?

## ACTUAL DELIVERY

4/5/21 at 2:47 pm ?



TRACK ANOTHER SHIPMENT

773301133806

[ADD NICKNAME](#)

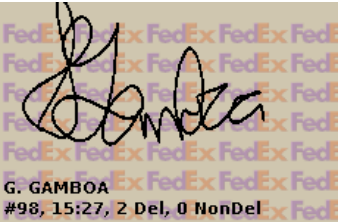


Delivered  
Friday, April 2, 2021 at 3:27 pm



DELIVERED

Signed for by: GGAMBOA



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[OBTAIN PROOF OF DELIVERY](#)

Direct signature required

FROM

Longquist Field Service  
Chris Weyand  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX US 77002  
512-600-1764

TO

CHEVRON USA INC  
CHEVRON MID CONTINENT  
6301 DEAUVILLE  
Midland, TX US 79706  
432-687-7723

Travel History

TIME ZONE

Local Scan Time

</

4/8/2021

## Detailed Tracking

8:54 PM	FORT WORTH, TX	Departed FedEx location
2:44 AM	FORT WORTH, TX	Arrived at FedEx location

Wednesday, March 31, 2021

9:26 PM	HOUSTON, TX	Left FedEx origin facility
6:41 PM	HOUSTON, TX	Arrived at FedEx location
3:57 PM	HOUSTON, TX	Picked up

Tuesday, March 30, 2021

9:45 PM	HOUSTON, TX	In FedEx possession Package received after final location pickup has occurred. Scheduled for pickup next business day.
8:01 AM		Shipment information sent to FedEx

## Shipment Facts

### TRACKING NUMBER

773301133806

### SERVICE

FedEx Ground

### REFERENCE

2376-BYRD #1, SPORICH #1

### WEIGHT

2 lbs / 0.91 kgs

### DELIVERY ATTEMPTS

1

### TOTAL PIECES

1

### TERMS

Shipper

### PACKAGING

Package

### SPECIAL HANDLING SECTION

Direct Signature Required

### SHIP DATE

3/31/21 ?

### SIGNATURE SERVICES

Direct signature required ?

### STANDARD TRANSIT

4/2/21 ?

### ACTUAL DELIVERY

4/2/21 at 3:27 pm ?



TRACK ANOTHER SHIPMENT

773301784387

[ADD NICKNAME](#)

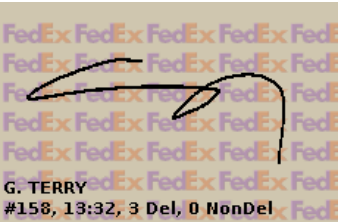


Delivered  
Thursday, April 1, 2021 at 1:32 pm



DELIVERED

Signed for by: GTERRY



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[OBTAIN PROOF OF DELIVERY](#)

Direct signature required

FROM

Longquist Field Service  
1415 Louisiana St  
Ste 3800  
HOUSTON, TX US 77002  
512-600-1764

TO

RSE PARTNERS LP  
RSE PARTNERS LP  
3141 HOOD ST  
STE 700  
Dallas, TX US 75219  
512-600-1764

Travel History

TIME ZONE

Local Scan Time

Thursday, April 1, 2021

1:32 PM

Dallas, TX

Delivered

8:29 AM

HUTCHINS, TX

On FedEx vehicle for delivery

7:52 AM

HUTCHINS, TX

At local FedEx facility

5:07 AM

DALLAS, TX

Departed FedEx location

2:56 AM

DALLAS, TX

Arrived at FedEx location

Wednesday, March 31, 2021

9:17 PM	HOUSTON, TX	Left FedEx origin facility
8:07 PM	HOUSTON, TX	Arrived at FedEx location
3:57 PM	HOUSTON, TX	Picked up

Tuesday, March 30, 2021

9:45 PM	HOUSTON, TX	In FedEx possession Package received after final location pickup has occurred. Scheduled for pickup next business day.
9:01 AM		Shipment information sent to FedEx

Shipment Facts

<b>TRACKING NUMBER</b> 773301784387	<b>SERVICE</b> FedEx Ground	<b>REFERENCE</b> 2376-BYRD #1, SPORICH #1
<b>WEIGHT</b> 2 lbs / 0.91 kgs	<b>DELIVERY ATTEMPTS</b> 2	<b>TOTAL PIECES</b> 1
<b>TERMS</b> Shipper	<b>PACKAGING</b> Package	<b>SPECIAL HANDLING SECTION</b> Direct Signature Required
<b>SHIP DATE</b> 3/31/21 ?	<b>SIGNATURE SERVICES</b> Direct signature required ?	<b>STANDARD TRANSIT</b> 4/1/21 ?
<b>ACTUAL DELIVERY</b> 4/1/21 at 1:32 pm ?		