

RECEIVED: 08/02/2014	REVIEWER: [Signature]	TYPE: SWD	APP NO: DMA-18244613
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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: Black River Water Management Company, LLC	OGRID Number: 371287
Well Name: Rustler Breaks SWD 6	API: 30-025-45034
Pool: SWD; Devonian	Pool Code: 96101

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

- 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.

Brian Wood

Print or Type Name

[Signature]

Signature

8-2-18

Date

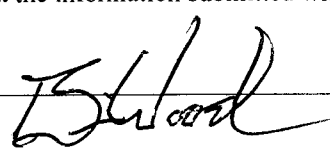
505 466-8120

Phone Number

brian@permitswest.com

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance XXX Disposal _____ Storage
Application qualifies for administrative approval? XXX Yes _____ No
- II. OPERATOR: BLACK RIVER WATER MANAGEMENT COMPANY, LLC
ADDRESS: 5400 LBJ FREEWAY, SUITE 1500, DALLAS TX 75240
CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120
- 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 XXX 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:
- Rustler Breaks SWD 6**
30-015-45034
Devonian (96101)
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: BRIAN WOOD  TITLE: CONSULTANT
SIGNATURE: _____ DATE: JULY 16, 2018
E-MAIL ADDRESS: brian@permitswest.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.

INJECTION WELL DATA SHEET

OPERATOR: BLACK RIVER WATER MANAGEMENT COMPANY, LLC

WELL NAME & NUMBER: RUSTLER BREAKS SWD 6

2515 2230'

WELL LOCATION: 2555' ENL & 720' FEL

4

5

24 S

28 E

FOOTAGE LOCATION

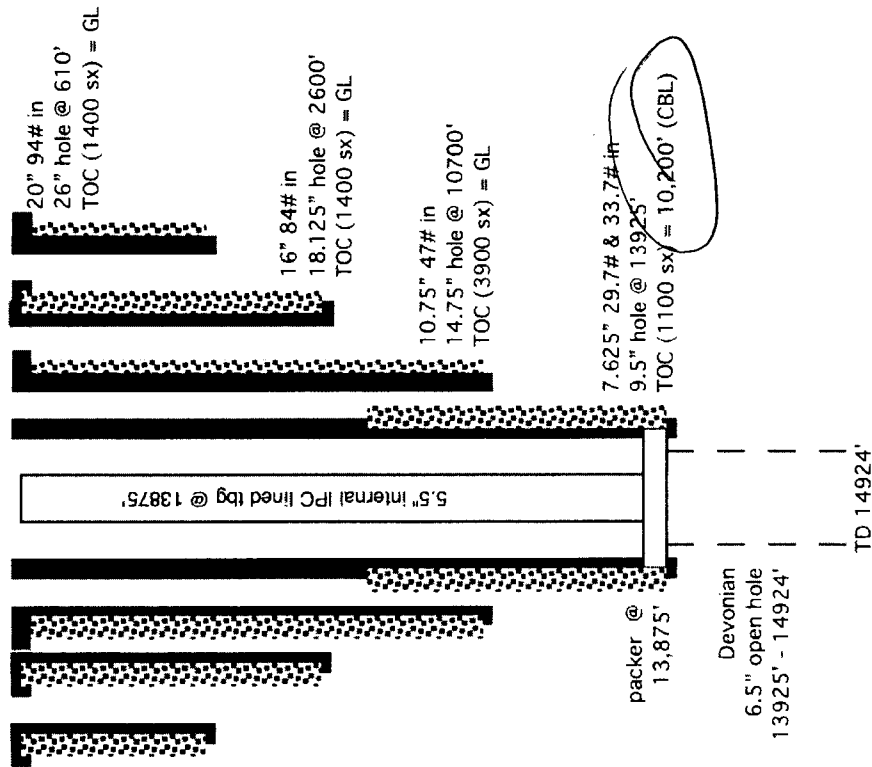
UNIT LETTER

TOWNSHIP

RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

(not to scale)



Hole Size:	26"	Casing Size:	20"
Cemented with:	1400 sx.	or	ft ³
Top of Cement:	SURFACE	Method Determined:	VISUAL
<u>Intermediate Casing</u>			
Hole Size:	18.125" & 14.75"	Casing Size:	16" & 10.75"
Cemented with:	1400 & 3900 sx.	or	ft ³
Top of Cement:	SURFACE	Method Determined:	VISUAL
<u>Production Casing</u>			
Hole Size:	9.5"	Casing Size:	7.625" @ 13,925'
Cemented with:	1100 sx.	or	ft ³
Top of Cement:	10,200'	Method Determined:	CBL
Total Depth:	14,924'		
<u>Injection Interval</u>			
	13,925'	feet to	14,924'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 5.5" Lining Material: IPC

Type of Packer: STAINLESS STEEL &/OR NICKEL

Packer Setting Depth: 13,875'

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

Additional Data

1. Is this a new well drilled for injection? XXX Yes No
 If no, for what purpose was the well originally drilled?
2. Name of the Injection Formation: DEVONIAN
3. Name of Field or Pool (if applicable): SWD; DEVONIAN (POOL CODE 96101)
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:
OVER: DELAWARE (2554'), BONE SPRING (6153'), WOLFCAMP (9373'),
ATOKA (11597'), & MORROW (12116')
UNDER: none

BLACK RIVER WATER MANAGEMENT COMPANY, LLC
RUSTLER BREAKS SWD 6
2595' FNL & 726' FEL
SEC. 5, T. 24 S., R. 28 E., EDDY COUNTY, NM

PAGE 1

30-015-45034

I. Goal is to drill a 14,924' deep commercial saltwater disposal well. Proposed disposal interval will be 13,925' – 14,924' in the SWD; Devonian (96101). See Exhibit A for C-102 and map.

II. Operator: Black River Water Management Company, LLC [OGRID 371287]
Operator phone number: (972) 371-5420
Operator address: 5400 LBJ Freeway, Suite 1500
Dallas TX 75240
Contact for Application: Brian Wood (Permits West, Inc.)
Phone: (505) 466-8120

III. A. (1) Lease name: Rustler Breaks SWD (fee)
Well name and number: Rustler Breaks SWD 6
Location: 2595' FNL & 726' FEL Section 5, T. 24 S., R. 28 E.

A. (2) Surface casing (20", 94#, K-55, BTC) will be set at 610' in a 26" hole and cemented to GL with 1,400 sacks.

First intermediate casing (16", 84#, K-55, BTC) will be set at 2,600' in an 18.125" hole and cemented to GL with 1,400 sacks

Second intermediate casing (10.75", 47#, P-110 HC) will be set at 10,700' in a 14.75" hole and cemented to GL with 3,900 sacks.

Production casing (7.625", 29.7# P-110 HC, BTC from GL to 9400' and 7.625", 33.7# P110 EC, BTC from 9400' to 13,925') will be set at 13,925' in a 9.5" hole and cemented to 10,200' (CBL) with 1,100 sacks.

A 6.5" open hole will be drilled to 14,924'.

A. (3) Tubing will be IPC lined, 5.5", 20#, P-110, IC, BTC. Setting depth will be ≈13,875'. (Disposal interval will be 13,925' to 14,924'.)

- A. (4) A stainless steel and/or nickel packer will be set at $\approx 13,875'$ (or $\leq 100'$ above the top of the open hole which will be at 13,925').
- B. (1) Disposal zone will be the Devonian (SWD; Devonian (96101) pool). Estimated fracture gradient is ≈ 0.62 to ≈ 0.68 psi per foot. Variation depends on whether limestone or dolomite.
- B. (2) Disposal interval will be open hole from 13,925' to 14,924'.
- B. (3) Well has not been drilled. It will be drilled as a saltwater disposal well.
- B. (4) No perforated intervals are in the well.
- B. (5) Only zones currently producing in the area of review and above the Devonian (13,924') are the Wolfcamp (9373') and Atoka (11,597'). Morrow (12,116') produced in the past. Bone Spring (6153') will probably be tested. Four approved, but not yet spudded, Bone Spring wells are within a mile radius. No oil or gas zone is below the Devonian in the area of review.

IV. This is not an expansion of an existing injection project. It is disposal only.

V. Exhibit B shows and tabulates the 11 existing wells (8 gas + 3 P&A) and 8 approved, but not yet spudded, wells within a mile radius. Exhibit C shows all 106 existing wells (57 oil or gas wells + 26 water wells + 18 P & A wells + 5 disposal wells) within a two-mile radius.

All leases within a half-mile radius are fee. Exhibit D show all the leases within a half-mile and lessors within a two-mile radius. Two-mile radius leases are BLM, fee, or NMSLO.

VI. No Devonian penetrators are within a mile. Deepest (13,030' TVD) well (30-015-22184) within a mile bottomed in the Morrow, 894' above the Devonian.

- VII. 1. Average injection rate will be $\approx 40,000$ bwpd.
Maximum injection rate will be 45,000 bwpd.
2. System will be open and closed. Water will both be trucked and piped.
3. Average injection pressure will be $\approx 2,500$ psi
Maximum injection pressure will be 2,785 psi ($= 0.2$ psi/foot $\times 13,925'$ (top of open hole)).
4. Disposal water will be produced water, mainly from Bone Spring and Wolfcamp wells. There are 193 approved Bone Spring wells and 573 approved Wolfcamp wells in T. 23 S., R. 27 & 28 E. and T. 24 S., R. 27 & 28 E. The well will take other Permian Basin waters (e. g., Delaware). A summary of water analyses follows. Their abstracts are in Exhibit E.

Parameter	Devonian	Delaware	Bone Spring	Wolfcamp	Morrow
Bicarbonate	1260	122	1,955	1,026	611
Chloride	34,400	130,543	100,110	67,273	33,036
Sulfate	3,600	940	180	88	0
TDS	63,260	211,635	165,550	111,226	54,903

Black River has not experienced any compatibility problems from its 3 operating Devonian disposal wells. The 12,591,116 barrels that have been disposed to date include Delaware, Bone Spring, Strawn, Atoka, and Morrow waters.

5. Closest Devonian producer (30-015-29252) is >21 miles ESE. It is P&A.

VIII. The Devonian (estimated 1,110' thick) is comprised of limestone and dolomite. It dips to the east at approximately 1° . Estimated porosity is 2-6%. Average permeability is 150 md. Closest possible underground source of drinking water above the proposed disposal interval is the Quaternary at the surface. According to State Engineer records (Exhibit F), four water wells are within a mile, deepest of which is 80'. No active water wells were found within a mile during a May 22-23, 2018 field inspection. Expansion of the Loving water system has

BLACK RIVER WATER MANAGEMENT COMPANY, LLC
RUSTLER BREAKS SWD 6
2595' FNL & 726' FEL
SEC. 5, T. 24 S., R. 28 E., EDDY COUNTY, NM

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allowed water well owners to abandon their water wells. No underground source of drinking water is below the proposed disposal interval.

Formation tops are:

Quaternary = 0'
Rustler anhydrite = 300'
Lamar (base of salt) = 2535'
Bell Canyon = 2554'
Cherry Canyon = 3439'
Brushy Canyon = 4569'
Bone Spring limestone = 6153'
Wolfcamp = 9373'
Strawn = 11389'
Atoka = 11597'
Morrow = 12116'
Barnett = 13319'
Mississippian limestone = 13374' -
Woodford shale = 13771'
Devonian carbonate = 13924'
disposal interval = 13925' - 14924'
TD = 14924'
(Montoya = 15034')

Four water wells are within a 1-mile radius according to State Engineer records (Exhibit F), deepest of which is 80'. There will be >2 miles of vertical separation and shale, salt, and anhydrite intervals between the bottom of the only likely underground water source (Quaternary) and the top of the Devonian.

IX. The well will be stimulated with acid.

X. A CBL will be run from production casing setting depth to TOC. GR log will be run from the second intermediate to TD.

BLACK RIVER WATER MANAGEMENT COMPANY, LLC
RUSTLER BREAKS SWD 6
2595' FNL & 726' FEL
SEC. 5, T. 24 S., R. 28 E., EDDY COUNTY, NM

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XI. No active water wells were found within a mile during a May 22-23, 2018 field inspection.

✓ C. Collier letter

XII. Black River (Exhibit G) is not aware of any geologic or engineering data that may indicate the Devonian is in hydrologic connection with any underground sources of water. Deepest water well within a 2-mile radius is 2575'. This appears to be the now P&A 30-015-02488 which reported a water flow of 300 gallons per hour. Otherwise, deepest water well within 2-miles is 400'. There are 203 approved Devonian SWD wells and 11 approved Devonian water injection wells in New Mexico. Closest Quaternary fault is \approx 53 miles southwest (Exhibit G).

XIII. A legal ad (see Exhibit H) was published on July 15, 2018. Notice (this application) has been sent (Exhibit I) to the surface owner (Valdez Family 2006 Irrevocable Trust) and all operators, lessees, and unleased mineral interest owners within a mile.



NM OIL CONSERVATION
ARTESIA DISTRICT

EXHIBIT A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

JUL 12 2018

FORM C-102

Revised August 1, 2011

RECEIVED Submit one copy to appropriate
District Office

☒ AMENDED REPORT

*Correct Operator
Name*

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45034		Pool Code 96101		Pool Name 3WD; Devonian	
Property Code 318050		Property Name RUSTLER BREAKS SWD			Well Number #6
OGRID No. 371287		Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC			Elevation 3045'

10 Surface Location									
UL or lot no. H	Section 5	Township 24-S	Range 28-E	Lot Idn -	Feet from the 2595'	North/South line NORTH	Feet from the 726'	East/West line EAST	County EDDY
UL or lot no. -	Section -	Township -	Range -	Lot Idn -	Feet from the -	North/South line -	Feet from the -	East/West line -	County -
Dedicated Acres 640.22		Joint or Infill -		Consolidation Code -		Order No. -			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land underlying the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>M. B. Verschoyle</i> 7/12/2018 Signature Date</p> <p>M. B. Verschoyle Printed Name</p> <p>bverschoyle@sanmateo.midstream.com E-mail Address</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p>04/05/2018 Date of Survey</p> <p><i>[Signature]</i> Signature</p> <p>NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p> <p>_____ Certificate Number</p>

EXHIBIT B

1 mile radius

1/2 mile radius

Rustler Breaks SWD 6

LEGEND

- New
- ✦ Active
- ✦ HRZ
- ⊙ BHL
- ⊕ P&A
- ⊙ INJ
- ⊙ SWD
- ⊙ Water



Quad: MALAGA
Scale: 1 inch = 2,000 ft.

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SORTED BY DISTANCE FROM RUSTLER BREAKS SWD 6

API	OPERATOR	RANGE	UL	SECTION	TOWNSHIP	ZONE	TVD	WELL	WELL TYPE	STATUS	FEET FROM RUSTLER BREAKS SWD 6
3001522184	HNG	28E	H	5	24.0S	Atoka	13030	Valdez 5 Com 001	O	P&A	316
3001543475	Matador	28E	I	5	24.0S	Wolfcamp	9338	Jimmy Kone 05 24S 28E RB 203H	G	New	483
3001543958	Matador	28E	I	5	24.0S	Wolfcamp	10359	Jimmy Kone 05 24S 28E RB 226H	G	New	498
3001543477	Matador	28E	I	5	24.0S	Wolfcamp	10349	Jimmy Kone 05 24S 28E RB 223H	G	New	513
3001543030	Mewbourne	28E	H	5	24.0S	Wolfcamp	no report	Zeppelin 5 W2HE Fee 001H	G	New	637
3001544658	Matador	28E	H	5	24.0S	Wolfcamp	9394	Jimmy Kone 05 24S 28E RB 202H	G	DUC	862
3001544744	Matador	28E	H	5	24.0S	Wolfcamp	9402	Jimmy Kone 05 24S 28E RB 215H	G	DUC	886
3001544596	Matador	28E	A	5	24.0S	Wolfcamp	9414	Jimmy Kone 05 24S 28E RB 201H	G	DUC	1775
3001544595	Matador	28E	A	5	24.0S	Wolfcamp	9416	Jimmy Kone 05 24S 28E RB 221H	G	DUC	1804
3001543166	Mewbourne	28E	A	5	24.0S	Bone Spring	no report	Zeppelin 5 B2AD Fee 001H	O	New	2015
3001543542	Matador	28E	M	4	24.0S	Wolfcamp	10376	Jimmy Kone 05 24S 28E RB 228H	G	Active	2814
3001543146	Mewbourne	28E	M	33	23.0S	Wolfcamp	no report	Foreigner 4 W2DM Fee 001H	G	New	3519
3001543144	Mewbourne	28E	N	33	23.0S	Bone Spring	no report	Foreigner 4 B2CN Fee 001H	O	New	4029
3001522066	Chevron	28E	H	8	24.0S	Atoka	12920	Ogden 8 Com 001	G	Active	4848
3001543145	Mewbourne	28E	O	33	23.0S	Bone Spring	no report	Foreigner 4 B2BO Fee 001H	O	New	4858

SORTED BY DISTANCE FROM RUSTLER BREAKS SWD 6

3001543389	Matador	28E	M	5	24.0S	Wolfcamp	9367	Jimmy Kone 05 24S 28E RB 208H	G	Active	4989
3001523497	HNG	28E	H	4	24.0S	Morrow	13000	Vasquez 4 Com 001	O	P&A	5136
3001523586	Manzano	28E	O	33	23.0S	Morrow	13000	Pardue Farms 001	O	P&A	5184
3001543494	Mewbourne	28E	L	33	23.0S	Wolfcamp	10520	Foreigner 33 4 W2LM Fee 001H	G	Active	5186

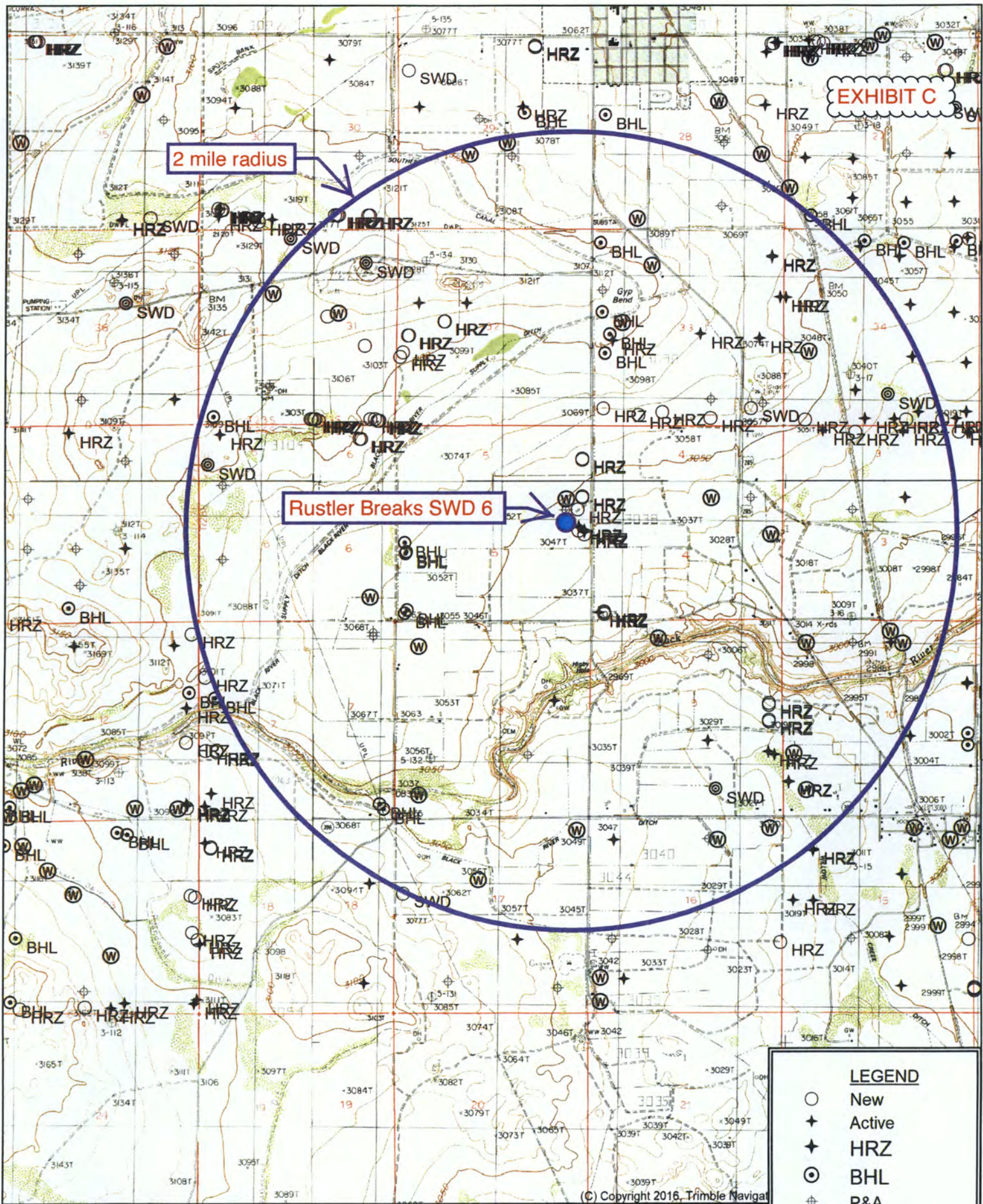


EXHIBIT C

2 mile radius

Rustler Breaks SWD 6

LEGEND

- New
- ✦ Active
- ✦ HRZ
- ⊙ BHL
- ⊕ P&A
- ⊙ INJ
- ⊙ SWD
- ⊙ W Water

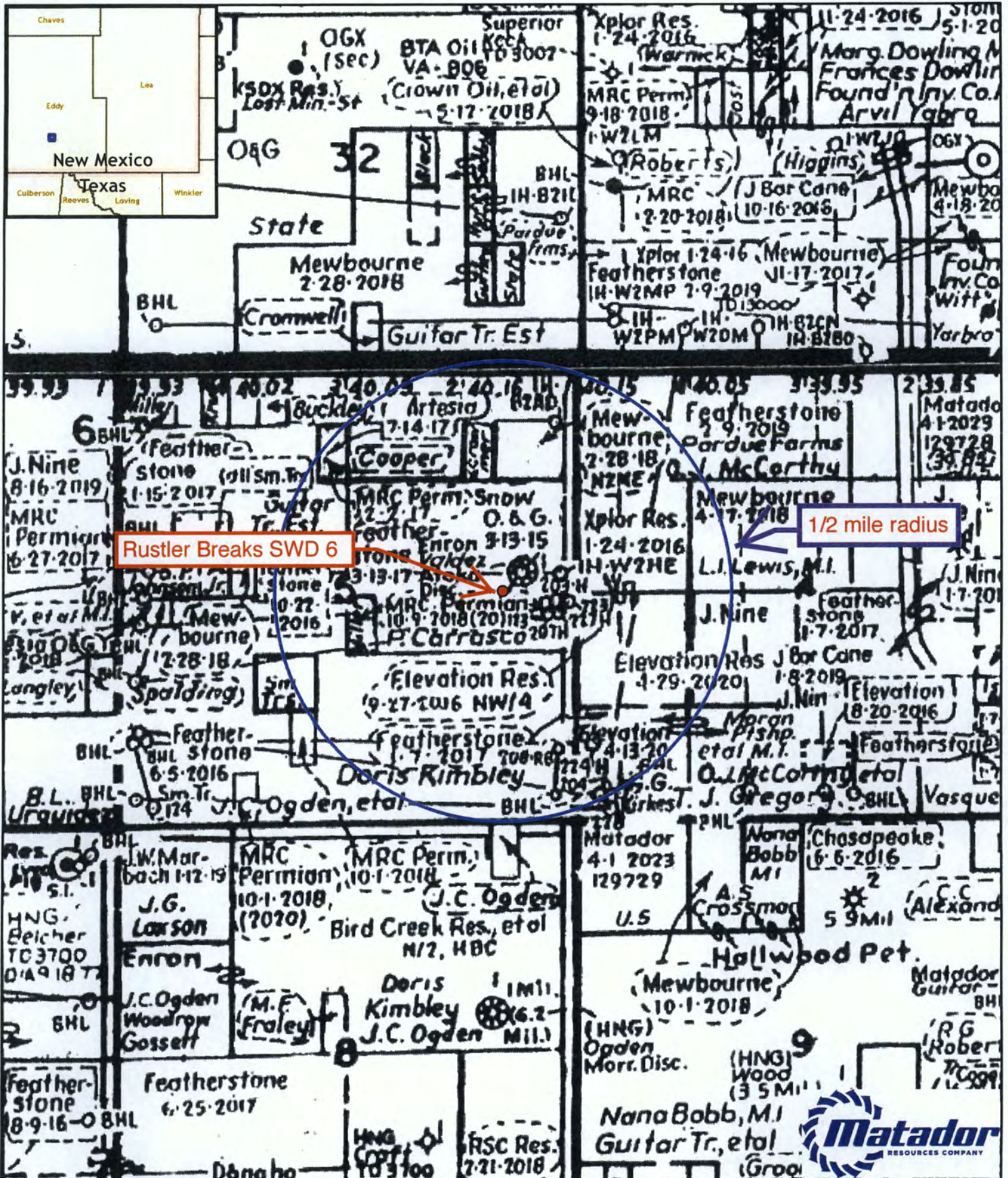
(C) Copyright 2016, Trimble Navigat



Quad: CARLSBAD
Scale: 1 inch = 3,333 ft.

05-24S-28E

EXHIBIT D



Rustler Breaks SWD 6

1/2 mile radius



GIS Standard Map Disclaimer:
This cartographic product is for informational purposes only and may not be used for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

1:18,000

1 inch = 1,500 feet

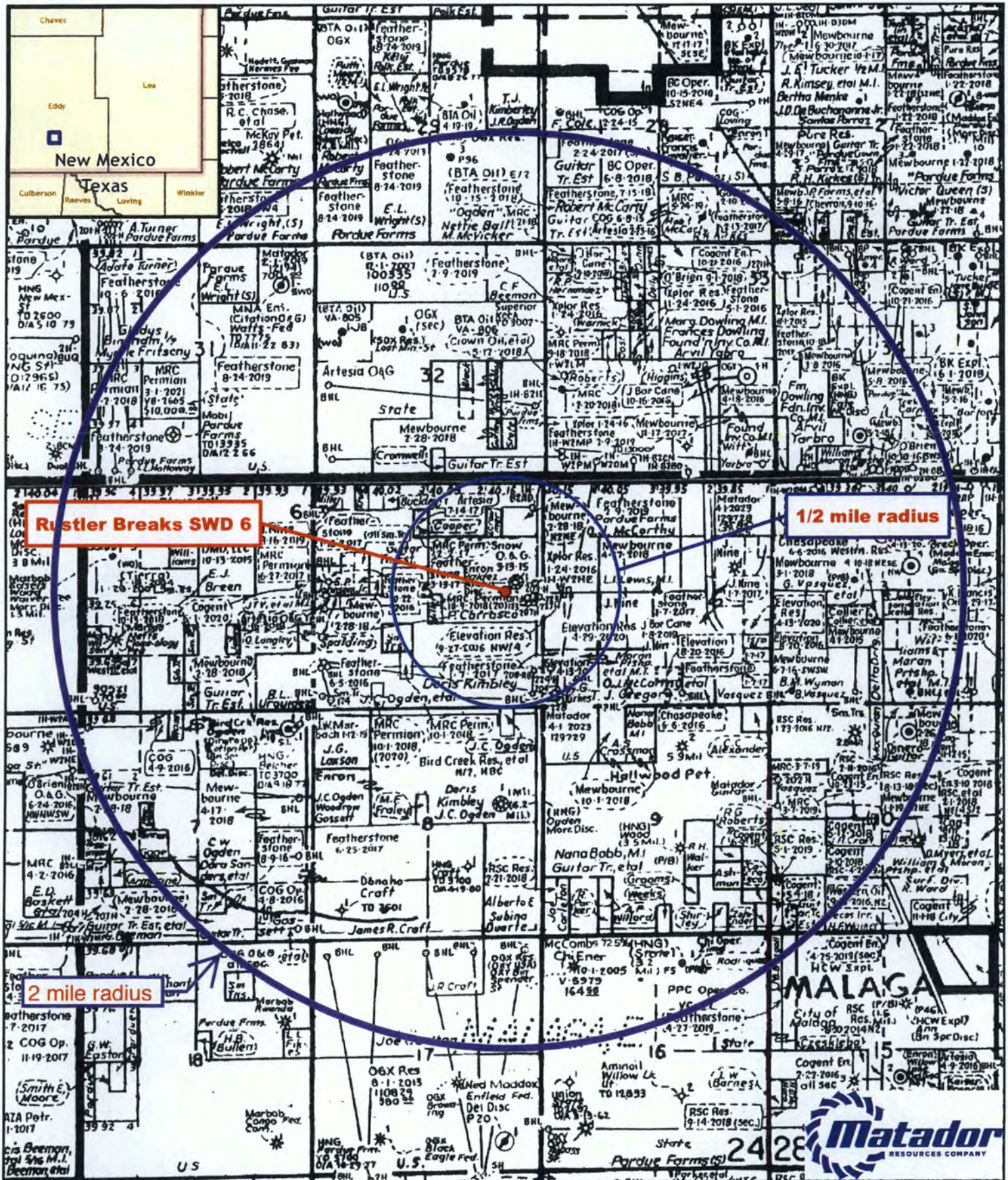
Southeast New Mexico



Map Prepared by: AGreen
Date: July 2, 2018
Filename: matadorSWD6.shp
Coordinate System: NAD 1927 StatePlane New Mexico East FIPS 3001
Projection: Transverse Mercator; Datum: North American 1927; Units: Foot US
Sources: IHS; ESR;

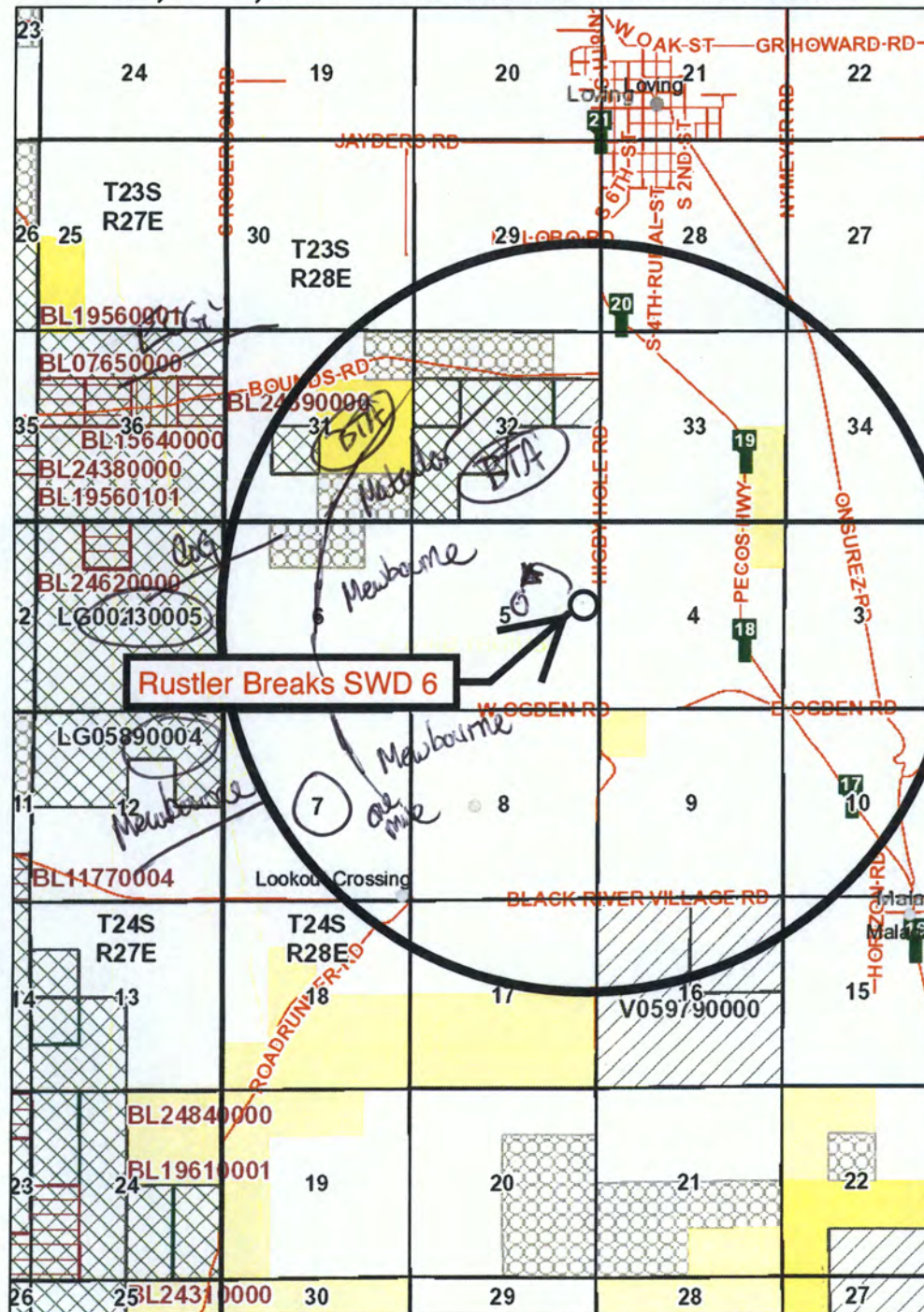
05-24S-28E

EXHIBIT D





Oil, Gas, and Minerals Leases and Wells



- Unit Agreement Boundaries
- Participating Areas in Units
- Commercial Leases
- Minerals Leases
- Oil and Gas Leases
- Agricultural Leases
- Energy Leases
- Potash District
- All Minerals
- Coal Only
- Oil and Gas Only
- Oil, Gas and Coal Only
- Other Minerals

BTA
Marathon
Marbourne } all previously noticed

2 mile radius

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

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NM WAIDS

EXHIBIT E

DATA

MAPS

HOME

SCALE

CORROSION

General Information About: Sample 5199			
SQUARE LAKE DEEP UNIT 001			
API	3001503979	Sample Number	
Unit/Section/ Township/Range	J / 33 / 16 S / 30 E	Field	
County	Eddy	Formation	DEV
State	NM	Depth	
Lat/Long	32.87982 / -103.97885	Sample Source	DST
TDS (mg/L)	63260	Water Type	
Sample Date(MM/DD/YYYY)		Analysis Date(MM/DD/YYYY)	
Remarks/Description			
Cation Information (mg/L)		Anion Information (mg/L)	
Potassium (K)		Sulfate (SO)	3600
Sodium (Na)		Chloride (Cl)	34400
Calcium (Ca)		Carbonate (CO ₃)	
Magnesium (Mg)		Bicarbonate (HCO ₃)	1260
Barium (Ba)		Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H ₂ S)	
Strontium (Sr)		Carbon Dioxide (CO ₂)	
Iron (Fe)		Oxygen (O)	



MITCHELL ANALYTICAL LABORATORY

EXHIBIT E

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Santa Fe Fed 4 WH 30-015-27030
Lease: RKI H-35-22s-28e
Location: WC20874
Date Run: 4/8/2014
Lab Ref #: 14-apr-h14284
K=1,289.47 ppm

Sample Temp: 70
Date Sampled: 3/18/2014
Sampled by: Wade Havens
Employee #:
Analyzed by: GR

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H ₂ S)	.00	16.00	.00
Carbon Dioxide	(CO ₂)	60.00	22.00	2.73
Dissolved Oxygen	(O ₂)	NOT ANALYZED		

Cations

Calcium	(Ca++)	25,342.08	20.10	1,260.80
Magnesium	(Mg++)	1,698.24	12.20	139.20
Sodium	(Na+)	52,917.44	23.00	2,300.76
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	7.87	27.50	.29
Strontium	(Sr++)	NOT ANALYZED		

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	122.20	61.10	2.00
Sulfate	(SO ₄ =)	940.00	48.80	19.26
Chloride	(Cl-)	130,543.44	35.50	3,677.28
Total Iron	(Fe)	4.19	18.60	.23
Total Dissolved Solids		211,635.46		
Total Hardness as CaCO ₃		70,317.98		
Conductivity MICROMHOS/CM		220,000		

pH 6.180 Specific Gravity 60/60 F. 1.147

CaSO₄ Solubility @ 80 F. 8.44MEq/L, CaSO₄ scale is likely

CaCO₃ Scale Index

70.0	1.164	100.0	1.764	130.0	3.284
80.0	1.294	110.0	2.214	140.0	3.284
90.0	1.764	120.0	2.214	150.0	3.284

RKI Exploration & Prod., LLC

C-108: Longview Fed 12 SWD No. 5 from SWD-1489 30-015-43596

Delaware Produced Water

WadeCo Specialties, LLC

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Pinnacle State 36-32H 30-015-41587
Lease: RKI C-36-22s-28e
Location: WC20910
Date Run: 4/8/2014
Lab Ref #: 14-apr-h14273
K=1,033.30 ppm

Sample Temp: 70
Date Sampled: 3/30/2014
Sampled by: Wade Havens
Employee #:
Analyzed by: GR

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide (H ₂ S)		5.00	16.00	.31
Carbon Dioxide (CO ₂)		170.00	22.00	7.73
Dissolved Oxygen (O ₂)	NOT ANALYZED			

Cations

Calcium (Ca++)		9,945.48	20.10	494.80
Magnesium (Mg++)		1,459.12	12.20	119.60
Sodium (Na+)		51,717.70	23.00	2,248.60
Barium (Ba++)	NOT ANALYZED			
Manganese (Mn+)		1.35	27.50	.05
Strontium (Sr++)	NOT ANALYZED			

Anions

Hydroxyl (OH-)		.00	17.00	.00
Carbonate (CO ₃ =)		.00	30.00	.00
BiCarbonate (HCO ₃ -)		1,955.20	61.10	32.00
Sulfate (SO ₄ =)		180.00	48.80	3.69
Chloride (Cl-)		100,110.00	35.50	2,820.00
Total Iron (Fe)		6.9	18.60	.37
Total Dissolved Solids		165,550.75		
Total Hardness as CaCO ₃		30,846.09		
Conductivity MICROMHOS/CM		202,000		

pH 6.660 Specific Gravity 60/60 F. 1.115

CaSO₄ Solubility @ 80 F. 23.81MEq/L, CaSO₄ scale is unlikely

CaCO₃ Scale Index

70.0	1.662	100.0	2.012	130.0	2.642
80.0	1.762	110.0	2.322	140.0	2.642
90.0	2.012	120.0	2.322	150.0	3.012

MITCHELL ANALYTICAL LABORATORY

EXHIBIT E

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number:	Longview Deep Fed 31-31	30-015-37604	Sample Temp:	70
Lease:	RKI	L-31-22s-29e	Date Sampled:	3/30/2014
Location:	WC20907		Sampled by:	Wade Havens
Date Run:	4/8/2014		Employee #:	
Lab Ref #:	14-apr-h14274		Analyzed by:	GR

K=516.70 ppm

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H ₂ S)	5.00	16.00	.31
Carbon Dioxide	(CO ₂)	300.00	22.00	13.64
Dissolved Oxygen	(O ₂)	NOT ANALYZED		

Cations

Calcium	(Ca++)	5,427.00	20.10	270.00
Magnesium	(Mg++)	1,127.28	12.20	92.40
Sodium	(Na+)	35,916.64	23.00	1,561.59
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	3.59	27.50	.13
Strontium	(Sr++)	NOT ANALYZED		

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	1,026.48	61.10	16.80
Sulfate	(SO ₄ =)	88.00	48.80	1.80
Chloride	(Cl-)	67,273.92	35.50	1,895.04
Total Iron	(Fe)	58.7	18.60	3.16
Total Dissolved Solids		111,226.61		
Total Hardness as CaCO ₃		18,189.35		
Conductivity MICROMHOS/CM		152,700		

pH 6.890 Specific Gravity 60/60 F. 1.077

CaSO₄ Solubility @ 80 F. 36.35MEq/L, CaSO₄ scale is unlikely

CaCO₃ Scale Index

70.0	.949	100.0	1.249	130.0	1.839
80.0	1.039	110.0	1.519	140.0	1.839
90.0	1.249	120.0	1.519	150.0	2.179

RKI Exploration & Prod., LLC

C-108: Longview Fed 12 SWD No. 5 from SWD-1489 30-015-43596

Wolfcamp Produced Water

WadeCo Specialties, LLC

MITCHELL ANALYTICAL LABORATORY

EXHIBIT E

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Longview Deep Fed 6-41 30-015-37606
Lease: RKI M-6-23s-29e
Location: WC20908
Date Run: 4/8/2014
Lab Ref #: 14-apr-h14272
K=101.49 ppm

Sample Temp: 70
Date Sampled: 3/30/2014
Sampled by: Wade Havens
Employee #:
Analyzed by: GR

Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H ₂ S)	5.00	16.00	.31
Carbon Dioxide	(CO ₂)	150.00	22.00	6.82
Dissolved Oxygen	(O ₂)	NOT ANALYZED		

Cations

Calcium	(Ca++)	1,608.00	20.10	80.00
Magnesium	(Mg++)	517.28	12.20	42.40
Sodium	(Na+)	18,971.44	23.00	824.85
Barium	(Ba++)	NOT ANALYZED		
Manganese	(Mn+)	2.55	27.50	.09
Strontium	(Sr++)	NOT ANALYZED		

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	611.00	61.10	10.00
Sulfate	(SO ₄ =)	.00	48.80	.00
Chloride	(Cl-)	33,036.30	35.50	930.60
Total Iron	(Fe)	1.49	18.60	.08
Total Dissolved Solids		54,903.06		
Total Hardness as CaCO ₃		6,140.85		
Conductivity MICROMHOS/CM		84,500		

pH 6.810 Specific Gravity 60/60 F. 1.038

CaSO₄ Solubility @ 80 F. 53.48MEq/L, CaSO₄ scale is unlikely

CaCO₃ Scale Index

70.0	-.035	100.0	.285	130.0	.905
80.0	.085	110.0	.545	140.0	.905
90.0	.285	120.0	.545	150.0	1.235

RKI Exploration & Prod., LLC

C-108: Longview Fed 12 SWD No. 5 from SWD-1489 30-015-43596

Morrow Produced Water

WadeCo Specialties, LLC



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

EXHIBIT F

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Q Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 01731</u>		C	ED		4	2	05	24S	28E	584483	3568367*	189	80	30	50
<u>C 03703 POD1</u>		C	ED	1	2	1	09	24S	28E	585259	3567225*	1239	74	15	59
<u>C 02306</u>		C	ED		3	2	04	24S	28E	585690	3568382*	1239	75	25	50
<u>C 00406</u>		C	ED		1	1	08	24S	28E	583270	3567142*	1583	78	50	28
<u>C 03706 POD1</u>		C	ED	3	4	4	22	21S	27E	584939	3569812*	1701	200		
<u>C 03831 POD1</u>		C	ED	4	3	1	33	23S	28E	584939	3569812*	1701	300	52	248
<u>C 00573</u>		CUB	ED	2	2	4	04	24S	28E	586188	3568087*	1723	250	35	215
<u>C 01244</u>		C	ED		4	4	06	24S	28E	582860	3567543*	1727	109	70	39
<u>C 00481</u>		C	ED	3	2	1	33	23S	28E	585182	3570283*	2223	225	190	35
<u>C 00570</u>		CUB	ED		1	1	10	24S	28E	586490	3567195*	2249	100	28	72
<u>C 01240</u>		C	ED		1	3	34	23S	28E	586494	3569592*	2471	125	25	100
<u>C 00232</u>		CUB	ED	1	3	2	07	24S	28E	582362	3566826*	2501	160		
<u>C 00648</u>		C	ED	2	2	2	17	24S	28E	584593	3565644*	2537	96	58	38
<u>C 04037 POD1</u>		C	ED	4	3	2	31	23S	28E	582576	3569872*	2539	99	60	39
<u>C 00361</u>	C	CUB	ED		3	3	08	24S	28E	583283	3565926*	2544	2575		
<u>C 04202 POD1</u>		C	ED	4	3	3	28	23S	28E	585054	3570669*	2559	400	60	340
<u>C 00764</u>		CUB	ED	3	1	3	10	24S	28E	586399	3566292*	2699	118	25	93
<u>C 01232</u>		C	ED	2	3	1	34	23S	28E	586592	3570095*	2861	150		
<u>C 01237</u>		C	ED	1	1	2	10	24S	28E	587197	3567298*	2868	123		
<u>C 03824 POD1</u>		CUB	ED	4	1	2	16	24S	28E	585770	3565578*	2907	290	60	230
<u>C 00962</u>		C	ED		3	3	10	24S	28E	586505	3565992*	2988	63	9	54
<u>C 01442</u>		C	ED		1	2	10	24S	28E	587298	3567199*	2995	100		
<u>C 00365</u>		CUB	ED	2	4	1	17	24S	28E	583791	3565226*	3028	238	26	212
<u>C 02836</u>		C	ED	2	2	2	16	24S	28E	586203	3565676*	3045		15	
<u>C 04085 POD1</u>		CUB	ED	1	4	1	31	23S	28E	582039	3570027*	3051	250	200	50
<u>C 01648</u>		C	ED		2	3	29	23S	28E	583667	3571184*	3110	65	15	50
<u>C 02037</u>		C	ED		2	3	29	23S	28E	583667	3571184*	3110	260		
<u>C 00108</u>		CUB	ED	1	1	4	29	23S	28E	583974	3571285*	3145	152	10	142

Average Depth to Water: 50 feet

Minimum Depth: 9 feet

Maximum Depth: 200 feet

Record Count: 28

UTMNAD83 Radius Search (in meters):

Easting (X): 584467

Northing (Y): 3568178

Radius: 3220

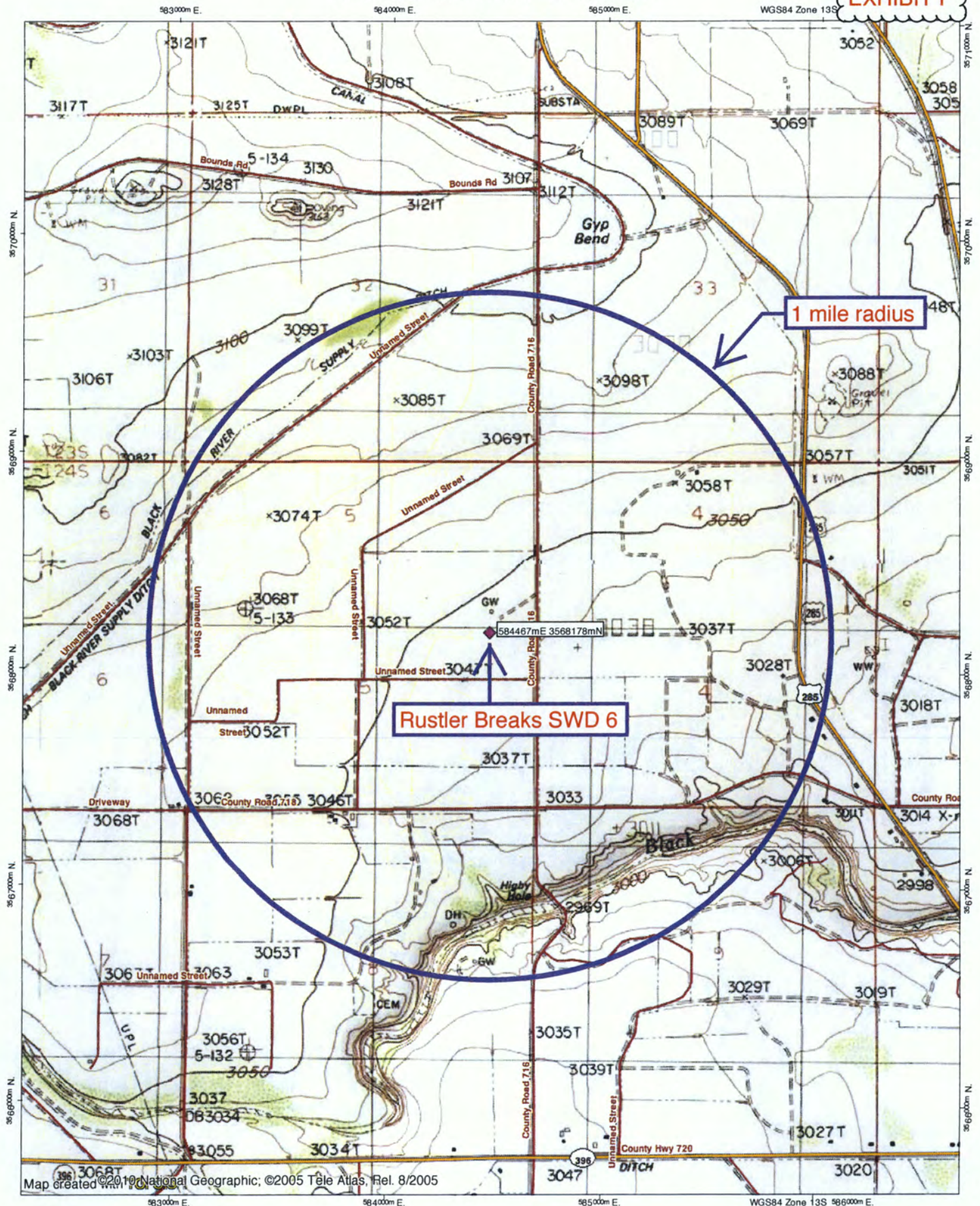
EXHIBIT F

***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/18/18 2:04 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



Map created with TOPO! National Geographic; ©2005 Tele Atlas, Rel. 8/2005



Black River Water Management Company, LLC

One Lincoln Centre • 5400 LBJ Freeway • Suite 1500 • Dallas, Texas 75240

Voice 972.371.5454 • Fax 214.866.4832

ccollier@matadorresources.com

Clark Collier
Geologist

May 22, 2018

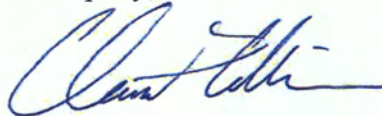
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
David.Catanach@state.nm.us

**Re: Geology Statement
 Rustler Breaks SWD #6 ("the Well")
 Section 5, Township 24 South, Range 28 East, N.M.P.M.
 Eddy County, New Mexico**

To whom it may concern:

Available geologic and engineering data related to the proposed Well has been thoroughly reviewed, and no evidence for a hydrological connection between the proposed deep Devonian injection zone, located at approximately 13,924', and any underground sources of drinking water has been found.

Sincerely,
Black River Water Management
Company, LLC



Clark Collier

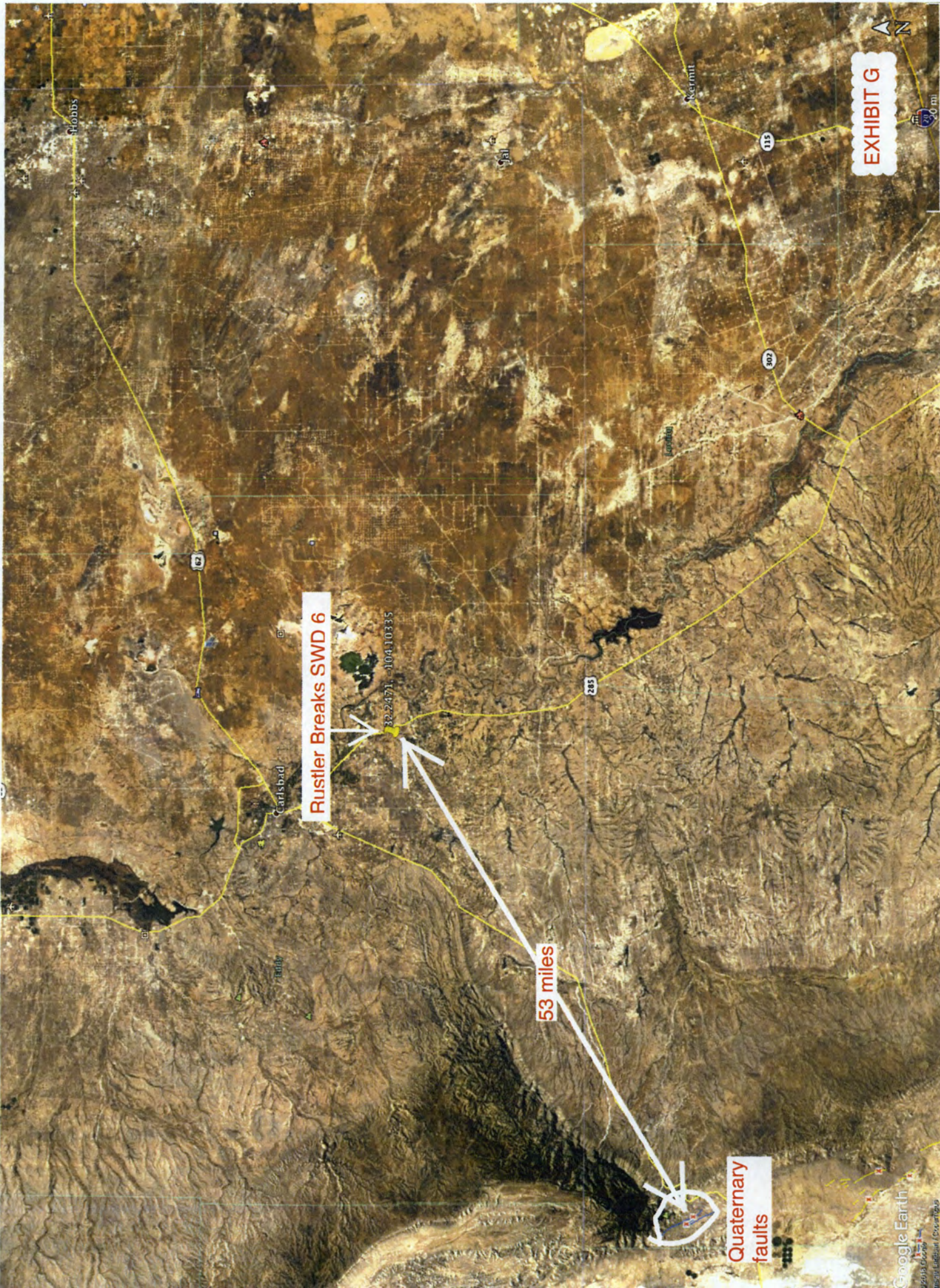


EXHIBIT G

Rustler Breaks SWD 6

32.2471, -104.10335

53 miles

Quaternary faults

Google Earth

AFFIDAVIT OF PUBLICATION

Ad No.
0001255016

PERMITS WEST, INC.
37 VERANO LOOP


SANTA FE NM 87508

I, a legal clerk of the **Carlsbad Current-Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

07/18/18


Legal Clerk

Subscribed and sworn before me this
18th of July 2018.


State of WI, County of Brown
NOTARY PUBLIC


My Commission Expires

To Ruth Ott Hopkins, whose last known address is unknown, or her devisees; and to Jeanette Huffer, whose last known address is unknown, or her devisees; Black River Water Management Company, LLC is applying to drill the Rustler Breaks SWD 6 as a saltwater disposal well. The well is staked at 2595 FNL & 726 FEL Sec. 5, T. 24 S., R. 28 E., Eddy County and is 2.4 miles northwest of Malaga, NM and 2-2/3 miles south of Loving, NM. Disposal will be in the Devonian from 13,500' to 15,000'. Maximum disposal pressure will be 2,700 psi. Maximum disposal rate will be 45,000 bwpd. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 15 days of the publication of this ad. Additional information can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.

Pub: July 18, 2018 #1255016

TARA MONDLOCH
Notary Public
State of Wisconsin

July 12, 2018

Valdez Family 2006 Irrevocable Trust

4204 Thomason Road

Carlsbad NM 88220

TYPICAL LETTER

Black River Water Management Company, LLC is applying (see attached application) to drill the Rustler Breaks SWD 6 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well Name: Rustler Breaks SWD 6 (fee lease) TD = 14,924'

Proposed Disposal Zone: Devonian (from 13,925' to 14,924')

Location: 2595' FNL & 726' FEL Sec. 5, T. 24 S., R. 28 E., Eddy County, NM

Approximate Location: ≈2-2/3 miles south of Loving, NM

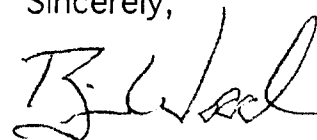
Applicant: Black River Water Management Company, LLC (972) 371-5420

Applicant's Address: 5400 LBJ Freeway, Suite 1500, Dallas TX 75240

Submittal Information: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. NMOCD address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Phone is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT I

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Acelle Associates, LLC
1801 W. Second Street
Roswell NM 88201
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

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Package: 1

BP Oil and Gas Company
501 Westlake Park Blvd.
Houston TX 77079
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

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Package: 1

Charles N. Homan
1115 Felix Street
Saint Joseph MO 64501
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Aradria Csercssevit
1402 Carlson Drive
Orlando FL 32804
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
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Postage and Fees: \$1.00

Package: 1

Brazos Petroleum, Inc.
2010 Lindy St.
Graham TX 76450
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Chevron Midcontinent, LP
1400 Smith Street
Houston TX 77002
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Betty Ellen McCommar
243 Norwood Drive
Branson MO 65616
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
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Postage and Fees: \$1.00

Package: 1

BTA Oil Producers
104 South Pecos Street
Midland TX 79701
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Chevron USA, Inc.
1400 Smith Street
Houston TX 77002
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Big Three Energy Group, LLC
1801 W. Second Street
Roswell NM 88201
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Burmah Oil & Gas Company
2880 North Loop West
Houston TX 77092
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

EM Nominee Partnership Co.
4582 South Ulster Street
Denver CO 80237
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
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For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Bird Creek Resources Inc.
1437 South Boulder Avenue
Tulsa OK 74119
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Chalfant, Magee & Hansen, Inc.
1004 Girls Tower West
Midland TX 79701
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®

Postage and Fees: \$1.00

Package: 1

Energex, LLC
4425 98th Street
Suite 200
Lubbock TX 79424
Rustler SWD 6

PECOS NM
JUL 17 2018
2552-9933

EXHIBIT I

7018 0680 0001 6411 6072

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Quinoco Consolidated Partners, LP
P.O. Box 9378111
Denver CO 80237
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6126

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Sara Elisabeth Huffer Hobart
5310 Mission Woods Road
Mission KS 66205
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6171

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Valdez Family 2006 Irrevocable Trust
4204 Thomason Rd
Carlsbad NM 88220
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6089

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

RKI Exploration & Production, LEO 995
3500 One Williams Center
Suite 3500
Tulsa OK 74172
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6133

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Silverton Petroleum, Inc.
P.O. Box 25
Graham TX 76450
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6096

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Ross Duncan Properties, LLC
P.O. Box 847
Artesia NM 87001
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6140

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Stratco Operating Company, Inc.
P.O. Box 365
Graham TX 76450
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6102

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

RSC Resources, LP
6824 Island Circle
Midland TX 79707
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6157

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Tap Rock Resources, LLC
602 Park Point Dr Suite 200
Golden CO 80401
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6119

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Santo Petroleum, LLC
P.O. Box 1020
Artesia NM 87001
Rustler SWD 6

PECOS NM
JUL 17 2013

7018 0680 0001 6411 6164

**U.S. Postal Service®
CERTIFIED MAIL® RECEIPT**
Domestic Mail Class

For delivery information, visit our website at www.usps.com®.

Postage and Fees: \$1.00

Tura Homan Brown
1205 Angelique Street
Saint Joseph MO 64501
Rustler SWD 6

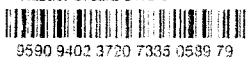
PECOS NM
JUL 17 2013

EXHIBIT I

so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
Bird Creek Resources Inc.
1437 South Boulder Avenue
#930
Tulsa OK 74119

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 79

Article Number (Transfer from service label)
7018 0680 0001 6411 5815

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

☐ Agent
☐ Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

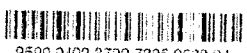
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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

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

1. Article Addressed to:
Chevron USA, Inc.
1400 Smith Street
Houston TX 77002

Rustler Breaks SWD 6



9590 9402 3720 7335 0588 94

2. Article Number (Transfer from service label)
7018 0680 0001 6411 5891

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

☐ Agent
☐ Addressee

B. Received by (Printed Name) _____ C. Date of Delivery _____

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

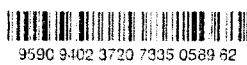
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
BP Oil and Gas Company
501 Westlake Park Blvd.
Houston TX 77079

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 82

Article Number (Transfer from service label)
7018 0680 0001 6411 5822

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Aradria Cserecevit
1402 Carlson Drive
Orlando FL 32804

Rustler Breaks SWD 6



9590 9402 3720 7335 0586 34

2. Article Number (Transfer from service label)
7018 0680 0001 6411 5785

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

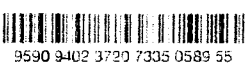
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Brazos Petroleum, Inc.
2010 Lindy St.
Graham TX 76450

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 55

Article Number (Transfer from service label)
7018 0680 0001 6411 5839

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

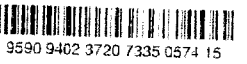
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Ross Duncan Properties, LLC
P.O. Box 647
Artesia NM 87111

Rustler Breaks SWD 6



9590 9402 3720 7335 0574 15

2. Article Number (Transfer from service label)
7018 0680 0001 6411 6096

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

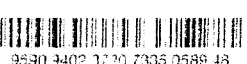
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
BTA Oil Producers
104 South Pecos Street
Midland TX 79701

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 48

Article Number (Transfer from service label)
7018 0680 0001 6411 5846

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

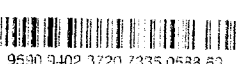
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Featherstone Development Corporation
P.O. Box 429
Roswell NM 88202

Rustler Breaks SWD 6



9590 9402 3720 7335 0588 63

2. Article Number (Transfer from service label)
7018 0680 0001 6411 5921

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

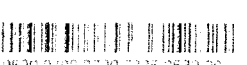
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Chevron Midcontinent, LP
1400 Smith Street
Houston TX 77002

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 00

Article Number (Transfer from service label)
7018 0680 0001 6411 5854

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

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

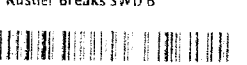
3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Registered Mail®
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:
Kaiser-Francis Oil Co.
6733 S. Yale Ave.
Tulsa OK 74172

Rustler Breaks SWD 6



9590 9402 3720 7335 0589 35

2. Article Number (Transfer from service label)
7018 0680 0001 6411 5859

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

☐ Agent
☐ Addressee

A. Signature _____ B. Received by (Printed Name) _____ C. Date of Delivery _____

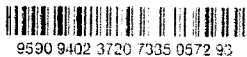
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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

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

Article Addressed to:
Marathon Oil Permian, LLC
5555 San Felipe Street
Houston TX 77056

Rustler Breaks SWD 6



9590 9402 3720 7335 0572 93

1. Article Number (Transfer from service label)

7018 0680 0001 6411 5976

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

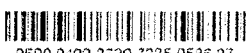
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Betty Ellen McCommar
243 Norwood Drive
Branson MO 65616

Rustler Breaks SWD 6



9590 9402 3720 7335 0586 27

1. Article Number (Transfer from service label)

7018 0680 0001 6411 5972

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

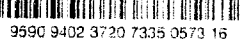
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Matador Production Company
5400 LBJ Freeway,
Suite 1500
Dallas TX 75240

Rustler Breaks SWD 6



9590 9402 3720 7335 0573 16

1. Article Number (Transfer from service label)

7018 0680 0001 6411 5990

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

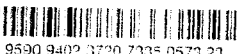
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Mewbourne Oil Co.
P.O. Box 5270
Hobbs NM 88241

Rustler Breaks SWD 6



9590 9402 3720 7335 0573 23

1. Article Number (Transfer from service label)

7018 0680 0001 6411 6003

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

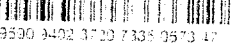
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
MRC Permian Company
5400 LBJ Freeway,
Suite 1500
Dallas TX 75240

Rustler Breaks SWD 6



9590 9402 3720 7335 0573 17

1. Article Number (Transfer from service label)

7018 0680 0001 6411 6027

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

Domestic Return Receipt

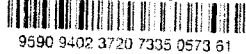
A. Signature
X *Mark's Carey* ☐ Agent ☐ Addressee
B. Received by (Printed Name) *Mark's Carey* C. Date of Delivery *7-23-15*
D. Is delivery address different from item 1? ☐ Yes ☒ No
If YES, enter delivery address below:

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

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

1. Article Addressed to:
Novo Oil and Gas Northern Delaware, LLC
105 N. Hudson Avenue
Suite 500
Oklahoma City OK 73102

Rustler Breaks SWD 6



9590 9402 3720 7335 0573 61

2. Article Number (Transfer from service label)

7018 0680 0001 6411 6041

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

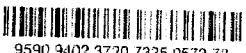
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Ogden Living Trust
159 W. Ogden Road
Loving NM 88256

Rustler Breaks SWD 6



9590 9402 3720 7335 0573 78

2. Article Number (Transfer from service label)

7018 0680 0001 6411 6058

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
RKI Exploration & Production, LLC
3500 One Williams Center
Suite 3500
Tulsa OK 74172

Rustler Breaks SWD 6



9590 9402 3720 7335 0574 08

2. Article Number (Transfer from service label)

7018 0680 0001 6411 6089

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

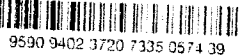
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Santo Petroleum, LLC
P.O. Box 1020
Artesia NM 88211

Rustler Breaks SWD 6



9590 9402 3720 7335 0574 39

2. Article Number (Transfer from service label)

7018 0680 0001 6411 6119

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

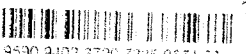
Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:
Silvertown Petroleum, Inc.
P.O. Box 26
Graham TX 76450

Rustler Breaks SWD 6



9590 9402 3720 7335 0574 53

2. Article Number (Transfer from service label)

7018 0680 0001 6411 6123

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


Domestic Return Receipt


A. Signature
X *[Signature]* ☐ Agent ☐ Addressee
B. Received by (Printed Name) *[Name]* C. Date of Delivery *[Date]*
D. Is delivery address different from item 1? ☐ Yes ☒ No
If YES, enter delivery address below:

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

EXHIBIT I

EXHIBIT I

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY															
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p>		<p>A. Signature <i>[Signature]</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>															
<p>1. Article Addressed to:</p> <p>Tap Rock Resources, LLC 602 Park Point Dr. Suite 200 Golden CO 80401</p>		<p>B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery <i>7/20/18</i></p>															
<p>Rustler Breaks SWD 6</p>  <p>9590 9402 3720 7335 0574 77</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p>															
<p>2. Article Number (Transfer from service label) 7018 0680 0001 6411 6157</p>		<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Mail Restricted Delivery</td> <td></td> </tr> </table>		<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Mail Restricted Delivery	
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<p>Article Addressed to:</p> <p>Valdez Family 2006 Irrevocable Trust 4204 Thomason Rd Carlsbad NM 88220</p>		<p>B. Received by (Printed Name) <i>[Signature]</i> C. Date of Delivery</p>															
<p>Rustler Breaks SWD 6</p>  <p>9590 9402 3720 7305 0598 53</p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p>															
<p>2. Article Number (Transfer from service label) 7018 0680 0001 6411 6171</p>		<p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Return Receipt for Merchandise</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Mail Restricted Delivery</td> <td></td> </tr> </table>		<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Mail Restricted Delivery	
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FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V16.2]

DATE RECORD: First Rec: 8/2/18 Admin Complete: 8/2/18 or Suspended: [8/2/18] Add. Request/Reply: (2)
ORDER TYPE: WFX / PMX (SWD) Number: 1808 Order Date: 10/26/18 Legacy Permits/Orders: —

Well No. 6 Well Name(s): Rustler Breaks SWD
API: 30-015-45034 Spud Date: TBD New or Old (EPA): New (UIC Class II Primacy 03/07/1982)

Footages 2515' FNL / 2230' FEL Lot — or Unit G Sec 5 Tsp 24S Rge 28E County Eddy

General Location: ~ 2 mi south of [Malaga / Loving / Highway] SWD; Devonian Pool No.: 96101

BLM 100K Map: Carlsbad Operator: Black River Water Management GRID: 371287 Contact: Adam Rankin / H&H
B. Wood / Permit West

COMPLIANCE RULE 5.9: Total Wells: 6 Inactive: 0 Fincl Assur: OK Compl. Order? No IS 5.9 OK? Yes Date: 10/26/18

WELL FILE REVIEWED ☒ Current Status: APD filed.

WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging: —

Planned Rehab Work to Well: —

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	Surface	<u>26/29</u>	<u>0 to 610</u>	<u>—</u>	<u>1400</u>	<u>Cir. to surface</u>
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	Interm/Prod	<u>18 3/8 / 16</u>	<u>0 to 2600</u>	<u>—</u>	<u>1400</u>	<u>Cir. to surface</u>
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	Interm/Prod	<u>14 3/4 / 10 3/4</u>	<u>0 to 10700</u>	<u>—</u>	<u>3900</u>	<u>Cir. to surface</u>
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	Prod/Liner	<u>9.5" / 7 5/8"</u>	<u>0 to 13925</u>	<u>—</u>	<u>1100</u>	<u>TOL / CBL</u>
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	Liner	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
Planned <input checked="" type="checkbox"/> or Existing <u>—</u>	(OH) PERF	<u>6 1/2</u>	<u>13925 - 14924</u>	Inj Length		

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.		<u>Mississippian</u>	<u>13374</u>
Confining Unit: Litho. Struc. Por.	<u>10</u>	<u>Woodford</u>	<u>13771</u>
Proposed Inj Interval TOP:	<u>13925</u>	<u>Devonian</u>	<u>13925</u>
Proposed Inj Interval BOTTOM:	<u>14924</u>	<u>—</u>	<u>—</u>
Confining Unit: Litho. Struc. Por.	<u>0</u>	<u>Silurian</u>	<u>?</u>
Adjacent Unit: Litho. Struc. Por.		<u>Montoya</u>	<u>15034</u>

Completion/Operation Details:

Drilled TD 14924 PBTD —
NEW TD — NEW PBTD —
NEW Open Hole ☒ or NEW Perfs ☐
Tubing Size 5.5 in. Inter Coated? Yes
Proposed Packer Depth 13875 ft
Min. Packer Depth 13825 (100-ft limit)
Proposed Max. Surface Press. 2785 psi
Admin. Inj. Press. 2785 (0.2 psi per ft)

AOR: Hydrologic and Geologic Information

POTASH: R-111-P NA Noticed? NA BLM Sec Ord — WIPP — Noticed? NA Salt/Salado T: — B: 2530' NW: Cliff House fm

FRESH WATER: Aquifer Alluvial / Rustler Max Depth < 380' HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: Carlsbad CAPITAN REEF: thru — adj — NA ☒ No. GW Wells in 1-Mile Radius? 0 FW Analysis? —

Disposal Fluid: Formation Source(s) DMG / BS / uc / Penn Analysis? Yes On Lease ☐ Operator Only ☐ or Commercial ☒

Disposal Interval: Inject Rate (Avg/Max BWPD): 40,000/45,000 Protectable Waters? No Source: Historical / Area System: Closed or Open

HC Potential: Producing Interval? No Formerly Producing? No Method: Logs/DST/P&A/Other Mudlog 2-Mi Radius Pool Map ☒

AOR Wells: 1-mile 1/2-M Radius Map and Well List? Yes No. Penetrating Wells: 0 [AOR Horizontals: — AOR SWDs: —]

Penetrating Wells: No. Active Wells 0 Num Repairs? — on which well(s)? — Diagrams? —

Penetrating Wells: No. P&A Wells 0 Num Repairs? — on which well(s)? — Diagrams? —

NOTICE: Newspaper Date 07/18/18 Mineral Owner Fee Surface Owner Valdez Family N. Date 07/17/18
Irrevocable Trust

RULE 26.7(A): Identified Tracts? Yes Affected Persons: 51 parties noticed N. Date 07/17/18

Order Conditions: Issues: [Surface location - moved towards west in Sec. 5] [IS assessment by Dr. Frost]

Additional COAs: Mudlog/picks; cmt log for 7 5/8-in casing; cmt notice to district; BH pressure
Draw to initiation

Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Monday, August 27, 2018 11:45 AM
To: 'Adam Rankin'
Cc: Jones, William V, EMNRD; McMillan, Michael, EMNRD; Riley, Heather, EMNRD; Brian Wood (brian@permitswest.com)
Subject: Status of Rustler Breaks SWD No. 6 C-108 Application
Attachments: Delaware Bear Wells Expanded AOR - One Mile.pdf

RE: Rustlers Break SWD No. 6 (30-015-45034) Black River Water Management Co, UL H; Sec 5, T24S, R28E, NMPM

Adam:

At this point, the issue is not the administrative completeness but whether the Division will be moving this process any further. This application is being denied for approval through an administrative review due to the overlapping radius of influence based on current approved SWD wells in proximity (see attachment) and, more importantly, the significant overlapping with the application of Delaware Energy for their Kodiak SWD No. 1. Interestingly enough, the Delaware Energy well is the subject of Case 16261 to be heard at a special docket on September 11th and the Division would not consider issuing any SWD order for this area until the case is resolved.

Give me call with any questions on the situation. PRG

Phillip Goetze, PG
Engineering Bureau, Oil Conservation Division, NM EMNRD
1220 South St. Francis Drive, Santa Fe, NM 87505
Direct: 505.476.3466
E-mail: phillip.goetze@state.nm.us

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Monday, August 27, 2018 8:51 AM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: Rustler Breaks SWD No. 6; administratively complete?


Phil,

I have an inquiry about whether the RB SWD No. 6 well application has been deemed administratively complete. The application was submitted by Brian Wood, not us, but I think everything has been filed. Whenever you have a chance if you could let me know in the next day or two, I would appreciate it.

All best,
Adam

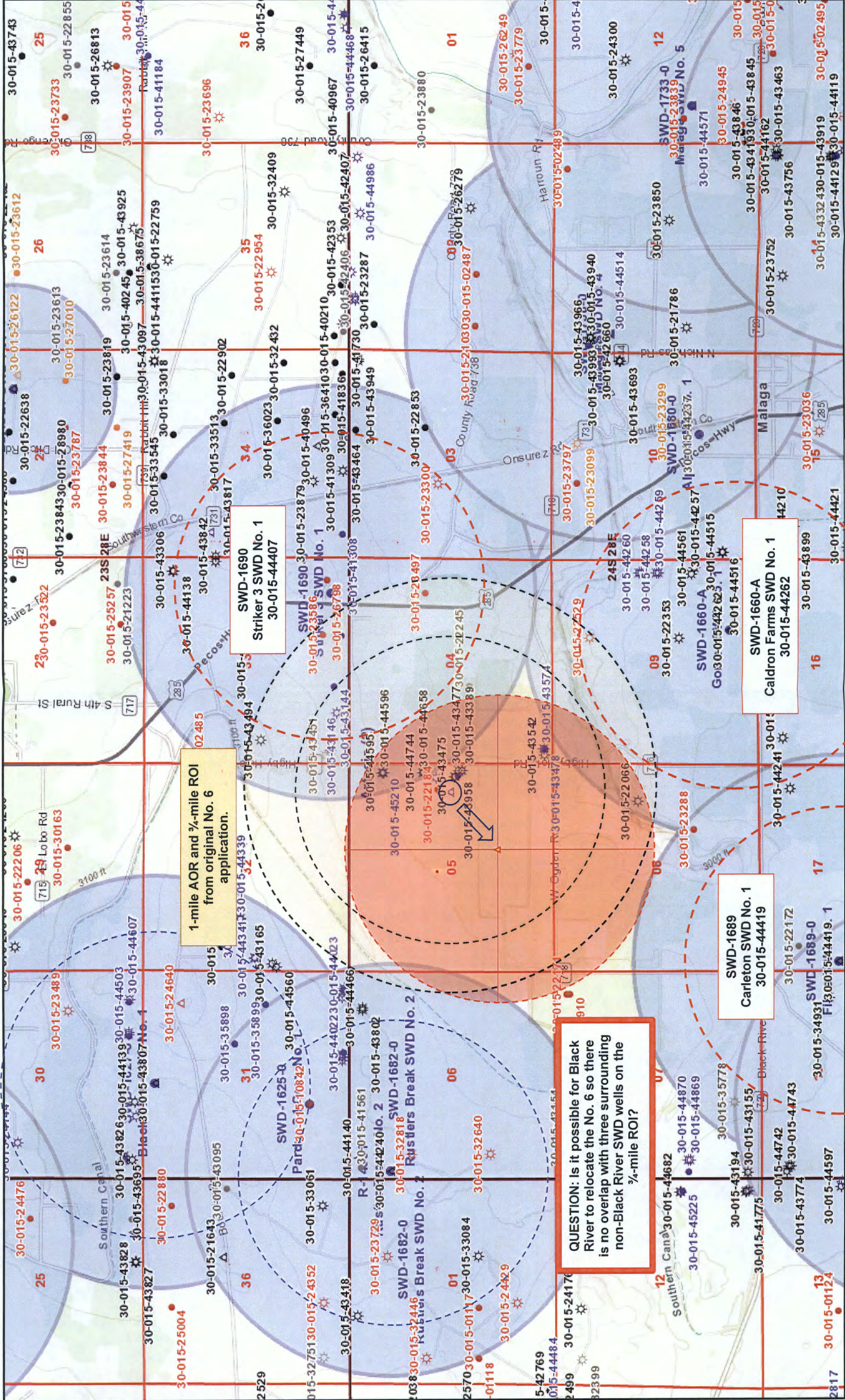
Adam G. Rankin
Holland & Hart LLP
110 North Guadalupe Suite 1
P.O. Box 2208
Santa Fe, NM 87504
Office: (505) 988-4421
Direct: (505) 954-7294

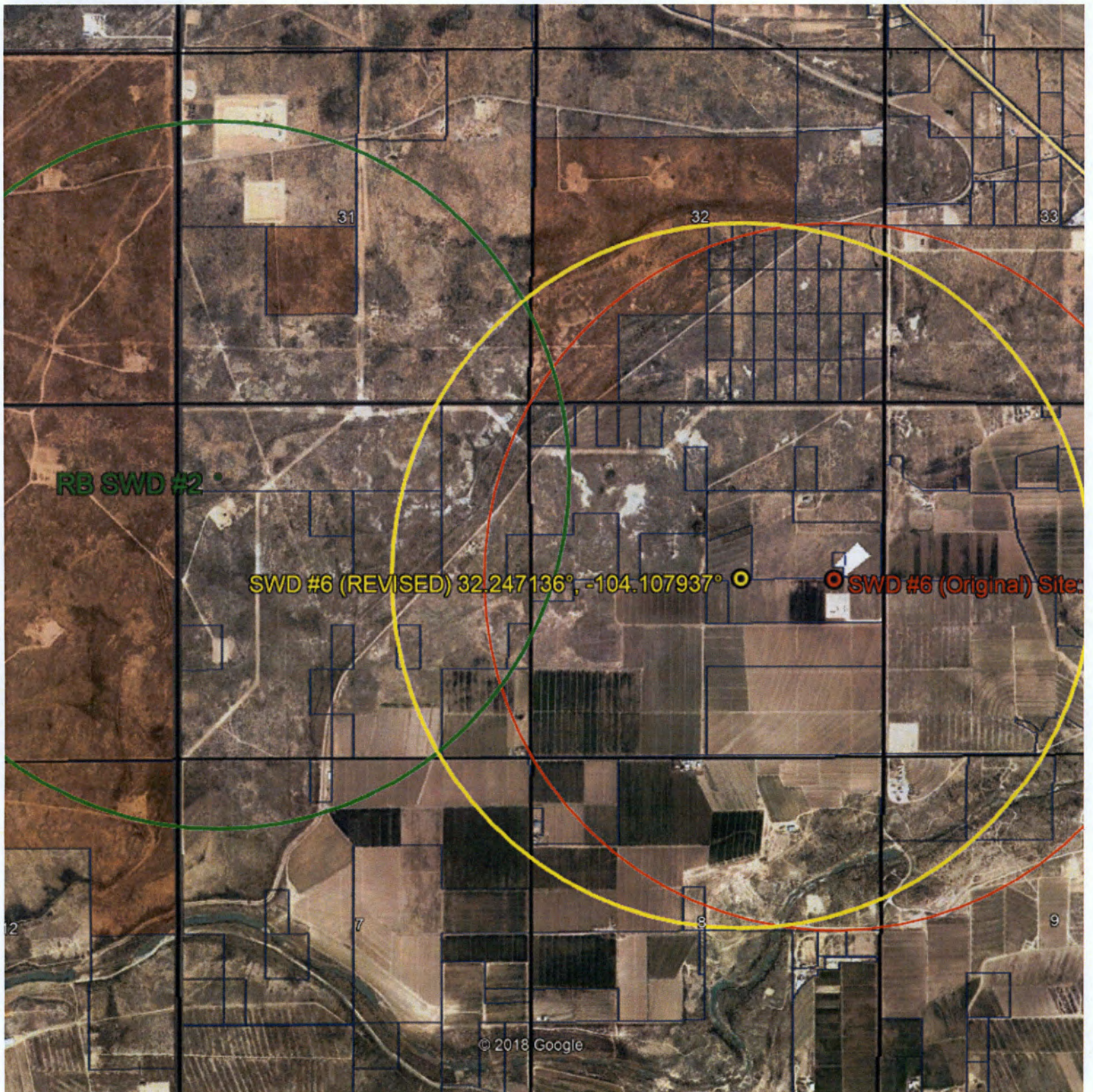
Cell: (505) 570-0377
Fax (505) 983-6043
E-mail: agrarkin@hollandhart.com
[Download vCard](#)
[Web Bio](#)

HOLLAND&HART 

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Pending Application for High-Volume Devonian Disposal Well
C-108 Applications for Rustler Breaks SWD No. 6 – Black River Water Management Company





Fault-Slip Probability Assessment for the Rustler Breaks SWD #6, Malaga Area, Eddy County New Mexico

Dr. Edmund L Frost III, Vice President—Geoscience, Matador Resources Company

In order to minimize the potential risk of induced seismicity associated with deep waste water disposal, Matador Resources Company (“Matador”) has undertaken a study to characterize the fault-slip potential for the Rustler Breaks SWD #6 in Eddy County, New Mexico. This document presents the results of a five well model, which investigates the impact of waste water injection at a rate of 40,000 bbl/day until 2049 (Figure 1a, Table 1). This study utilizes a mix of public and proprietary data in conjunction with the Stanford Center for Induced and Triggered Seismicity’s (SCITS) Fault Slip Potential (FSP; Walsh et al., 2017) code (Table 2).

Fault orientations (strike, dip) were obtained from 118 basement faults mapped in a proprietary 88 mi² prestack depth migrated (PSDM) 3D seismic volume. Fault orientations were calculated at multiple points along the trace of each fault in the injection interval from Matador’s structural framework model. These points were exported directly from Petrel into the FSP program. Stress data was derived from borehole image log data in Matador’s Black River #1 SWD, where the maximum horizontal stress (SHmax) orientation was observed as N42°E. This orientation agrees with published regional stress orientations for Southern Eddy County of N35°E by Lund Snee and Zoback (2018). Horizontal stress magnitudes were not modeled explicitly by Matador, instead the published A_0 value of 0.52 (Lund Snee and Zoback 2018; Table 2) for southern Eddy County, New Mexico was used, which implies a pure normal faulting environment.

The impact of high-rate injection in the five-well case can be seen as a modest regional increase in pore pressure with time (Figure 1b). At the Rustler Breaks SWD #6, the model predicts a reservoir pressure increase of 232 psi by year 2048. At the modelled depth of 13,500 ft, this translates to a pore pressure gradient increase of 0.017 psi/ft. Results of the geomechanical modeling show that all faults have a “distance to failure” of greater than 750 psi; meaning that aquifer pore pressure would need to be increased by greater than 750 psi to potentially induce failure. The results of the model case presented here are well below this limit. Based on the simulation run by this study, the overall probability of fault slip is less than 10% well into the future (2048), even with multiple high-volume injectors spaced roughly one mile apart. However, caution still needs to be exercised to avoid injection near unstable features. In order to minimize risk, Matador screens all of its SWD locations, including the Rustler Breaks SWD #6, against its 3D seismic to avoid injection near faults.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name RUSTLER BREAKS SWD	⁶ Well Number #6
⁷ GRID No.	⁸ Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC	⁹ Elevation 3053'

¹⁰Surface Location

UL or lot no. G	Section 5	Township 24-S	Range 28-E	Lot Idn -	Feet from the 2515'	North/South line NORTH	Feet from the 2230'	East/West line EAST	County EDDY
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¹¹Bottom Hole Location If Different From Surface

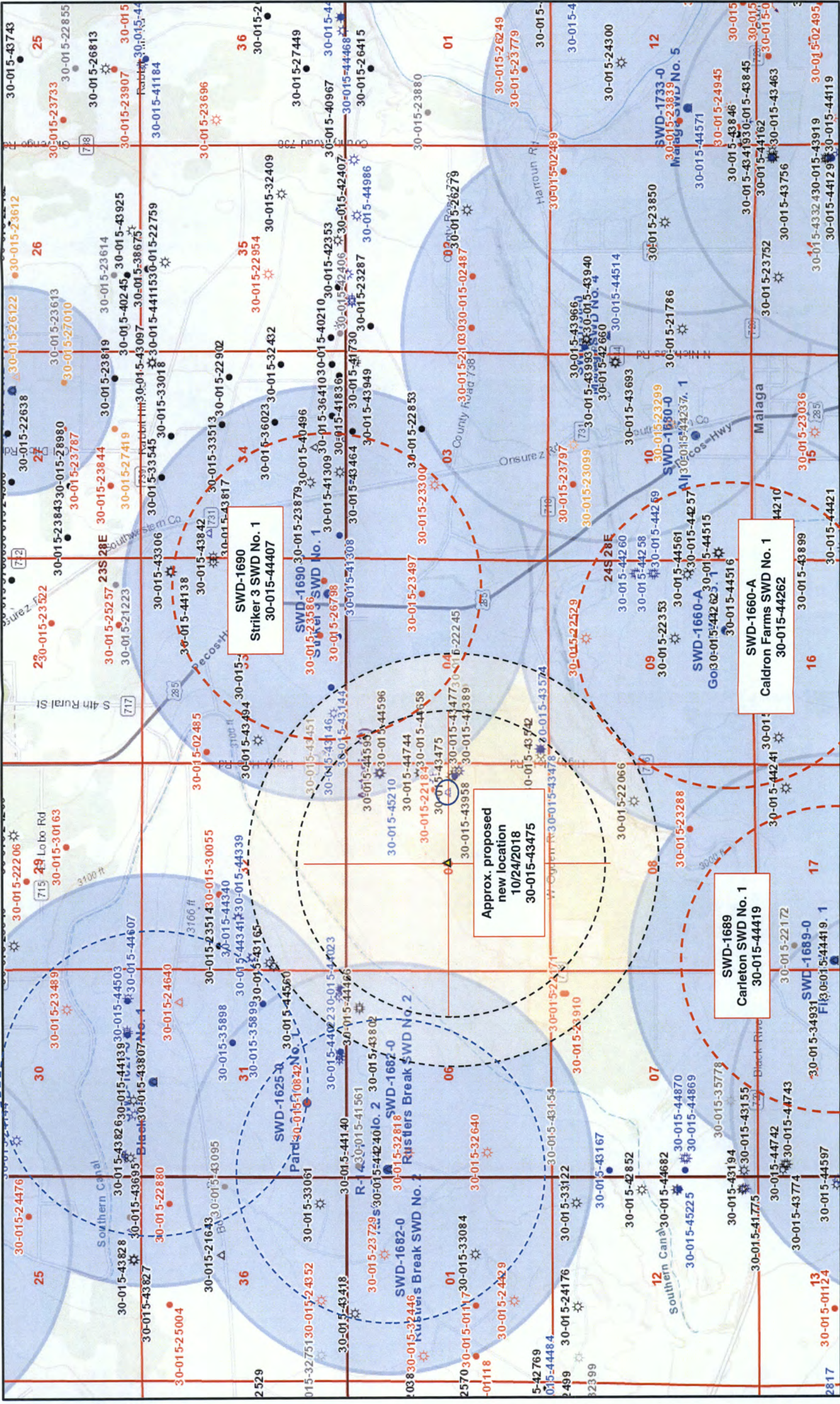
UL or lot no. -	Section -	Township -	Range -	Lot Idn -	Feet from the -	North/South line -	Feet from the -	East/West line -	County -
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>M. B. Verschoyle</i> Date: 10/25/2018</p> <p>Printed Name: M. B. Verschoyle</p> <p>E-mail Address: <i>verschoyle@sunmateamidstream.com</i></p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p>Date of Survey: 10/25/2018</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number: <i>[Stamp]</i></p>
	<p>19 SURVEYOR'S SEAL</p> <p>NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p>

Pending Application for High-Volume Devonian Disposal Well



Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Wednesday, October 24, 2018 4:13 PM
To: 'Adam Rankin'
Cc: McMillan, Michael, EMNRD; Jones, William V, EMNRD; Podany, Raymond, EMNRD; Klein, Ranell, EMNRD
Subject: RE: Black River's Rustler Breaks SWD No. 6 Application - Request
Importance: High

RE: Rustler Breaks SWD No. 6; 30-015-45034; Sec. 5 T24S, R28E, NMPM

Adam:

Based on the white paper provided by Dr. Frost and this new proposed location (approx. 32.247136° and -104.107937°), the Division will recommend the approval of this application to the Director. The Division will recognize the notification for this application as being adequate in response to the applicant's effort to address the Division's concerns. Please tell Black River Water Management to prepare an amended C-102 and file with the District as to expedite the approval of the draft order. Please contact me with any questions and thank the applicant for their additional efforts in this particular case. PRG

Phillip Goetze, PG
Engineering Bureau, Oil Conservation Division, NM EMNRD
1220 South St. Francis Drive, Santa Fe, NM 87505
Direct: 505.476.3466
E-mail: phillip.goetze@state.nm.us

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Monday, October 22, 2018 6:02 PM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: [EXT] RE: Black River's Rustler Breaks SWD No. 6 Application - Request

Phil,

Attached for your consideration.... the yellow radius represents the proposed move to 1-mile radius. The move is about 1,200 feet or so to the west, as I understand.

From: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Sent: Thursday, October 18, 2018 2:53 PM
To: Adam Rankin <AGRankin@hollandhart.com>
Cc: Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>; McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: Black River's Rustler Breaks SWD No. 6 Application - Request

Adam:

A request. Before rendering a final disposition on the No. 6's C-108 application, would you inquire of Black River if they are willing to move the well as shown in the attached diagram. Ask and see what they can do to optimize the distance

with regards to the three SWDs (one NGL and two Delaware) in proximity of the current surface location. It would save some aggravation and make it even more acceptable for administrative approval. Call or e-mail with any questions. Thanks. PRG

Phillip Goetze, PG

Engineering Bureau, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive, Santa Fe, NM 87505
Direct: 505.476.3466
E-mail: phillip.goetze@state.nm.us

