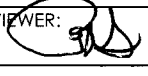


RECEIVED: 1/24/2018	REVIEWER: 	TYPE: SWD	APP NO: DUMAM1402953 9d
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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: <u>Black River Water Management Company, LLC</u>	OGRID Number: <u>371287</u>
Well Name: <u>Malaga SWD 4</u>	API: <u>30-025-44514</u>
Pool: <u>SWD; Devonian</u>	Pool Code: <u>96101</u>

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

RECEIVED OCD
 2018 JAN 24 A 8:09

- 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

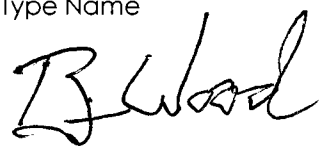
Application Content Complete

Second expanded notice in April 2018 - see attachments

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

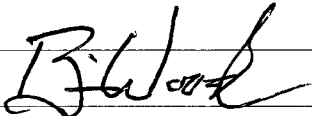

 Signature

1-28-18
 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.
Malaga SWD 4
30-015-44514
(Devonian (96101))
- VII. Attach data on the proposed operation, including:
- Proposed average and maximum daily rate and volume of fluids to be injected;
 - Whether the system is open or closed;
 - Proposed average and maximum injection pressure;
 - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN WOOD TITLE: CONSULTANT
SIGNATURE:  DATE: JAN. 11, 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

Tubing Size: 4.5" Lining Material: IPC

Type of Packer: STAINLESS STEEL &/OR NICKEL

Packer Setting Depth: ≈14,180'

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 (2619'), BONE SPRING (6356'), WOLFCAMP (9496'),
ATOKA (11726'), & MORROW (12273')

UNDER: none

BLACK RIVER WATER MANAGEMENT COMPANY, LLC
MALAGA SWD 4
1489' FNL & 490' FWL
SEC. 11, T. 24 S., R. 28 E., EDDY COUNTY, NM

PAGE 1

30-015-44514

I. Goal is to drill a 15,103' deep commercial saltwater disposal well. Proposed disposal interval will be 14,228' - 15,103' 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: Malaga SWD (fee)
Well name and number: Malaga SWD 4
Location: 1489' FNL & 490' FWL, Section 11, T. 43 S., R. 28 E.

A. (2) Surface casing (20", 94#, K-55, BTC) will be set at 550' in a 26" hole and cemented to the surface with 1400 sacks.

First intermediate casing (16", 84#, K-55, BTC) will be set at 2,700' in an 18.125" hole and cemented to surface with 1,400 sacks

Second intermediate casing (10.75", 47#, P-110 HC) will be set at 10,800' in a 14.75" hole and cemented to surface with 3,700 sacks.

Production casing (7.625", 29.7# P-110 HC, BTC from GL to 9,400' & 7.625", 33.7# P110 EC, BTC from 9,400' to 13,650') will be set at 14,230' in a 9.5" hole and cemented to 8,000' (CBL) with 1,050 sacks.

A 6.5" open hole will be drilled to 15,103'.

A. (3) Tubing will be IPC, 4.5", 11.6#, P-110, IC, BTC. Setting depth will be ≈14,180'. (Disposal interval will be 14,230' to 15,103'.)

- A. (4) A stainless steel and/or nickel packer will be set at $\approx 14,180'$ (or $\leq 100'$ above the top of the open hole which will be at $14,230'$).
- 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 $14,230'$ to $15,103'$.
- 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) Two zones currently produce in the area of review and above the Devonian ($14,228'$). Those two zones and their tops are the Wolfcamp ($9,496'$) and Morrow ($12,273'$). A Bone Spring ($6,356'$) well has been approved in the area of review, but not yet drilled. 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 9 existing wells (all gas) + 1 approved (oil) well within a half-mile radius. None of the 10 wells did or will penetrate the Devonian. Exhibit C shows all 167 existing wells (106 oil or gas wells + 37 water wells + 22 P & A wells + 2 injection or disposal wells) within a two-mile radius.

All land within a half-mile radius is leased. All leases within a half-mile radius are fee. Exhibits D & E show all leases within a half-mile and two-mile radius.

VI. No Devonian penetrator is within a half-mile. Deepest ($12,834'$ TVD) well (30-015-21786) within a half-mile bottomed in the Morrow, $1394'$ above the Devonian.

- VII. 1. Average injection rate will be \approx 30,000 bwpd.
Maximum injection rate will be \approx 40,000 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 2,846 psi (= 0.2 psi/foot x 14,230' (top of open hole)).
4. Disposal water will be produced water, mainly from Bone Spring and Wolfcamp wells. There are 332 approved Bone Spring wells and 346 approved Wolfcamp wells in T. 23 & 24S., R. 28 & 29 E. The well will take other Permian Basin waters (e. g., Delaware). A summary of water analyses follows. Their abstracts are in Exhibit F.

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

No compatibility problems have been reported from Black River's Black River SWD 1 (30-015-43807), 4 miles WNW, which has disposed of over 3,007,539 bbls in the Devonian in 2 years.

5. Closest Devonian producer (30-015-29252) is 19 miles ESE. ✓

VIII. The Devonian (estimated 1,000' thick) is comprised of limestone and dolomite. It dips to the east at 1°. Estimated porosity is 2-6%. Closest possible underground source of drinking water above the proposed disposal interval is the Quaternary at the surface. According to State Engineer records (Exhibit G), 9 water wells are within a mile, deepest of which is 268'. Two of the nine water wells were sampled during a July 27, 2017 field inspection. No underground source of drinking water is below the proposed disposal interval.

Formation tops are:

Quaternary = 0'
Castile = 1023'
Lamar (base of salt) = 2597'
Bell Canyon = 2619'
Cherry Canyon = 3511'
Brushy Canyon = 4675'
Bone Spring limestone = 6356'
Wolfcamp = 9496'
Strawn = 11404'
Atoka = 11726'
Morrow = 12273'
Barnett = 13507'
Mississippian limestone = 13622'
Woodford shale = 14070'
Devonian carbonate = 14228'
disposal interval = 14230' - 15103'
TD = 15103'
(Montoya = 15228')

Nine water wells are within a 1-mile radius according to State Engineer records (Exhibit G), deepest of which is 268'. 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. A triple combo log will be run from the second intermediate to TD.

XI. Two active water wells within a half-mile were sampled (Exhibit G) during a July 27, 2017 field inspection.

Affirmation by Clark Collier included

XII. ~~Black River~~ (Exhibit H) 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 290'. There are 174 approved Devonian saltwater disposal wells and 10 approved Devonian water injection wells in New Mexico. Closest Quaternary fault is \approx 54 miles southwest (Exhibit H).

XIII. A legal ad (see Exhibit I) was published on October 12, 2017. Notice (this application) has been sent (Exhibit J) to the surface owner (Oscar & Gloria Vasquez Revocable Trust) and all lessees within a half-mile.

*Additional notice to 1-mile
performed at Division's
request*

104.08333° W

104.06667° W

WGS84 104.05000° W



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., Sante 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.
Sante 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 30-015- 44514	² Pool Code 96101	³ Pool Name SWD; Devonian
⁴ Property Code 319808	⁵ Property Name MALAGA SWD	
⁶ OGRID No. 371287	⁷ Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC.	⁸ Well Number #4
		⁹ Elevation 2988'

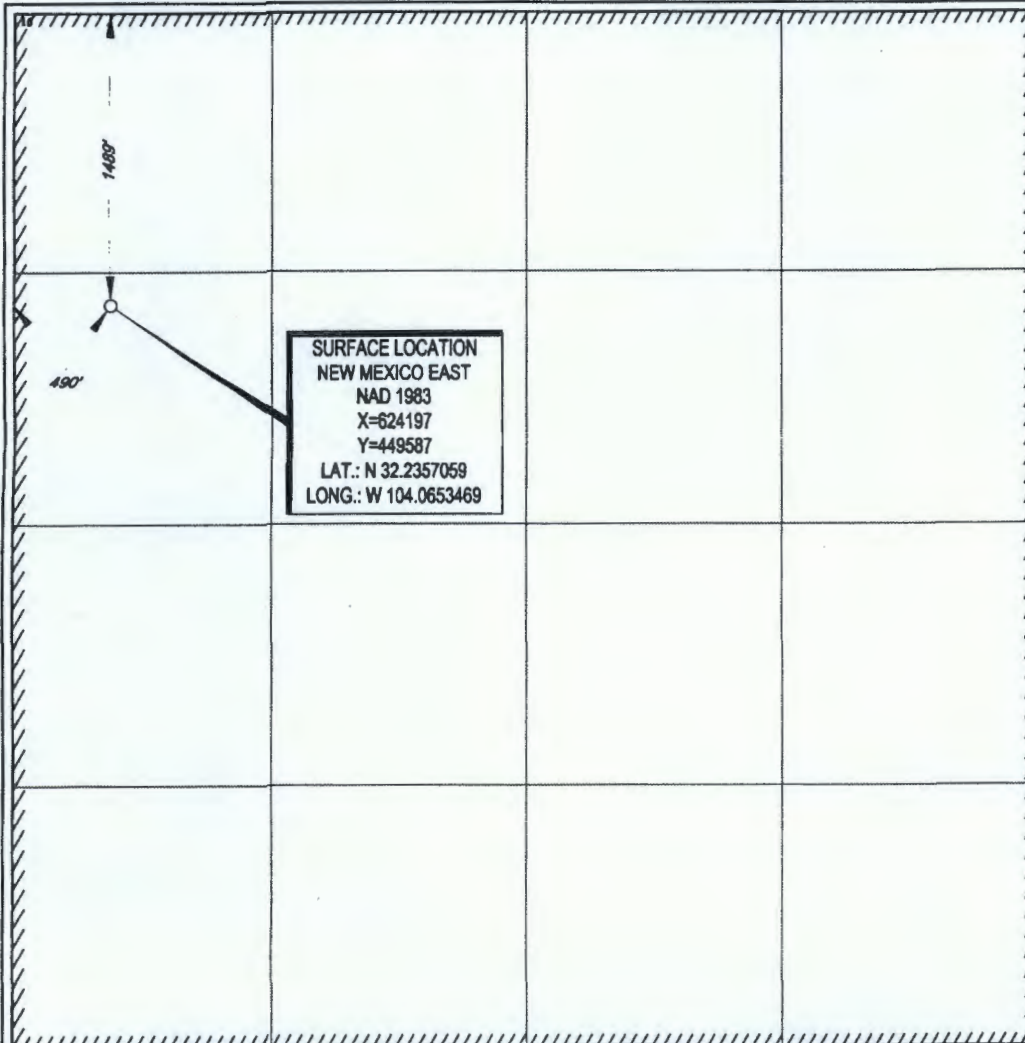
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	11	24-S	28-E	-	1489'	NORTH	490'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	-	-	-	-	-	-	-	-	-

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.



¹⁷OPERATOR CERTIFICATION

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.

Brian Wood 10-23-17
Signature Date

Brian Wood
Printed Name

brian@permitswest.com
E-mail Address

(505) 466-8120

¹⁸SURVEYOR CERTIFICATION

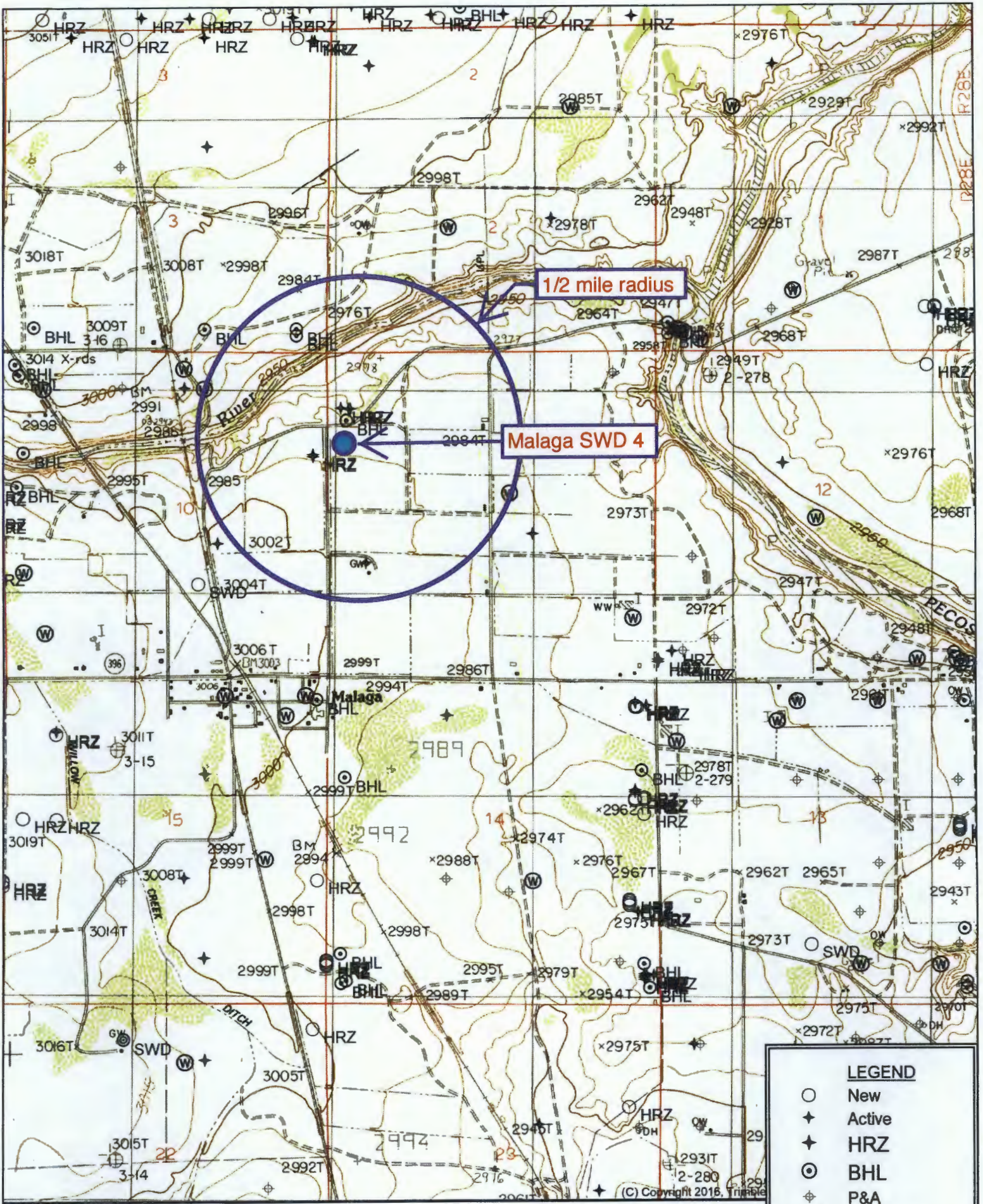
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

04/12/2017
Date of Survey

Signature and Seal of Professional Surveyor.

Michael B. Brown
MICHAEL B. BROWN
NEW MEXICO
18329
PROFESSOR SURVEYOR

Certificate Number EXHIBIT A



1/2 mile radius

Malaga SWD 4

LEGEND	
○	New
+	Active
✦	HRZ
⊙	BHL
⊕	P&A
⊗	INJ
⊙	SWD
⊕	Water

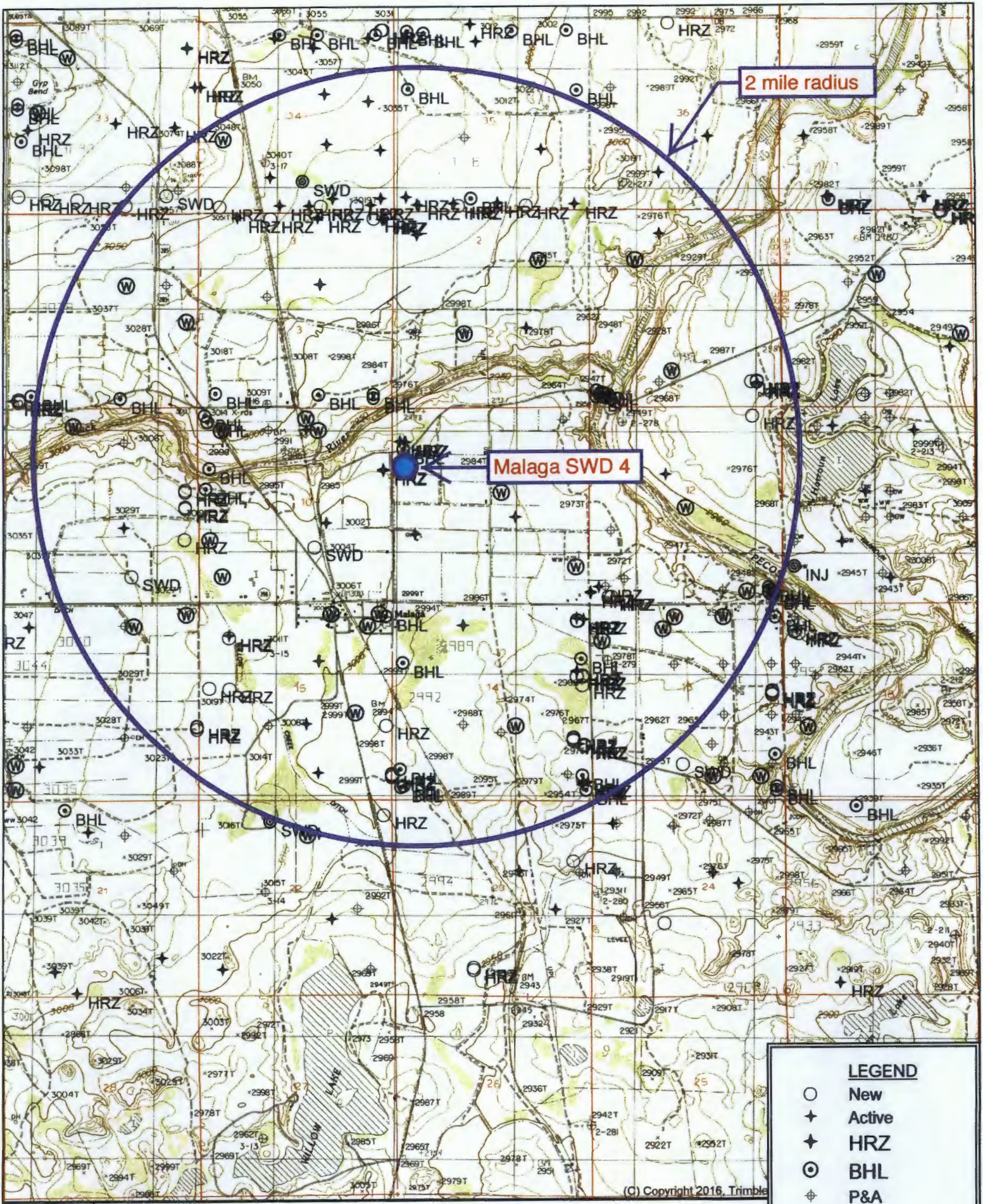


Quad: MALAGA
Scale: 1 inch = 2,000 ft.

EXHIBIT B

(C) Copyright 2016, Trimble

API	WHO	WELL	TYPE WELL	UNIT-SECTION-T24S-R28E	TVD	ZONE	FEET FROM MALAGA SWD 4
3001543993	Matador	Guitar 10 24 28 RB 205H	G	D-11	9647	Purple Sage; Wolfcamp (Gas)	488
3001543940	Matador	Guitar 10 24 28 RB 201H	G	D-11	9477	Purple Sage; Wolfcamp (Gas)	515
3001543966	Matador	Guitar 10 24 28 RB 221H	G	D-11	10481	Purple Sage; Wolfcamp (Gas)	528
3001542660	Matador	Guitar 10 24 28 RB 202H	G	H-10	9554	Purple Sage; Wolfcamp (Gas)	760
3001543693	Matador	Guitar 10 24 28 RB 222H	G	H-10	10238	Purple Sage; Wolfcamp (Gas)	770
3001544257	Matador	Tom Matthews 10 24 28 RB 223H	G	I-10 (BHL)	10653	Purple Sage; Wolfcamp (Gas)	1680 (BHL)
3001542858	Mewbourne	Yardbirds 3 B2AP Fee 001H	Plan O	P-3 (BHL)	no report	Malaga; Bone Spring, North	1894 (BHL)
3001521786	COG	CNB Com 001	G	L-11	12834	Malaga; Morrow (Gas)	1980
3001542935	Mewbourne	Yardbirds 3 W2AP Fee 001H	G	P-3 (BHL)	10577	Purple Sage; Wolfcamp (Gas)	2069 (BHL)
3001543949	Mewbourne	Yardbirds 3 WOAP Fee 002H	G	P-3 (BHL)	9602	Purple Sage; Wolfcamp (Gas)	2089 (BHL)



2 mile radius

Malaga SWD 4

LEGEND

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

(C) Copyright 2016, Trimble



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

EXHIBIT C

Midland Map 11-24S-28E

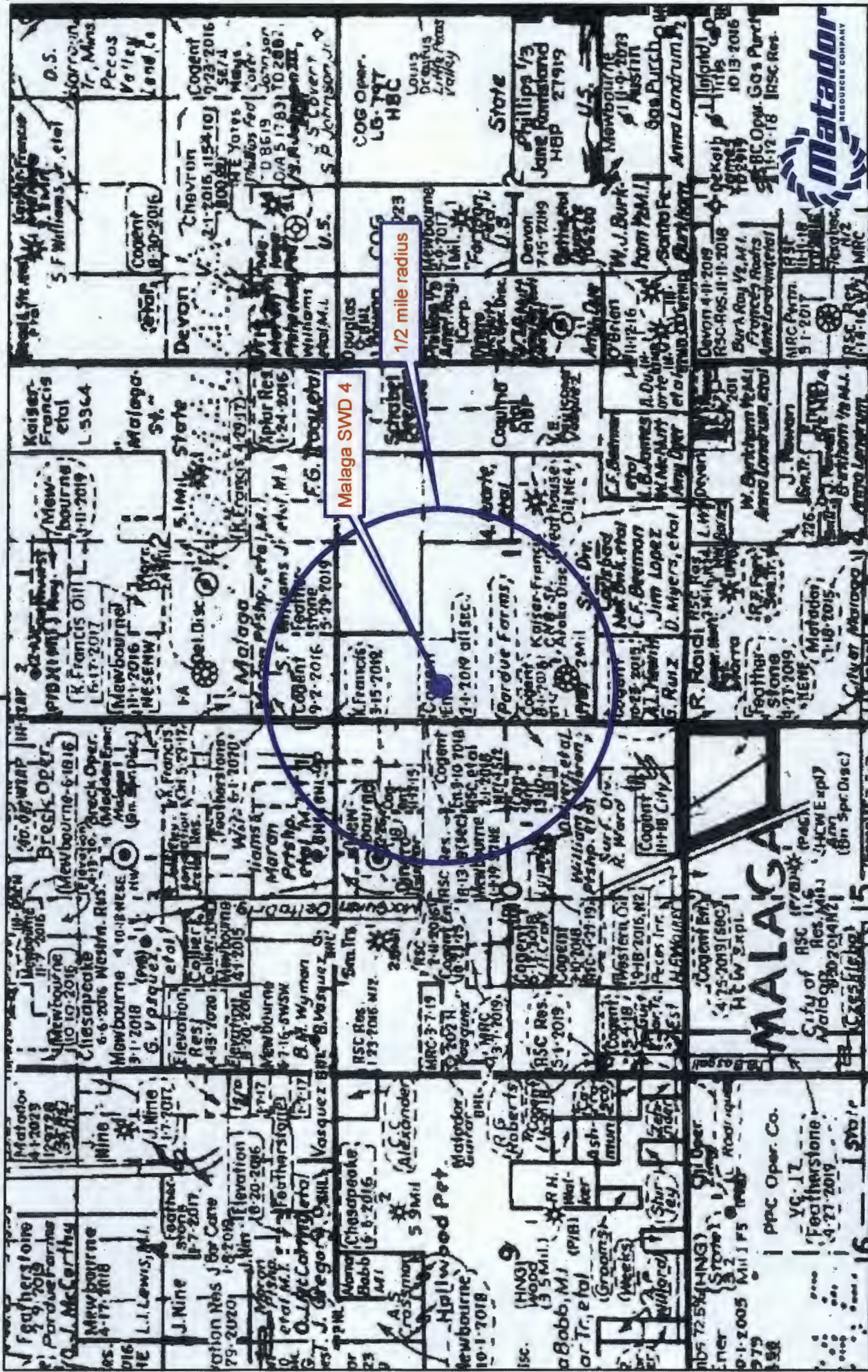
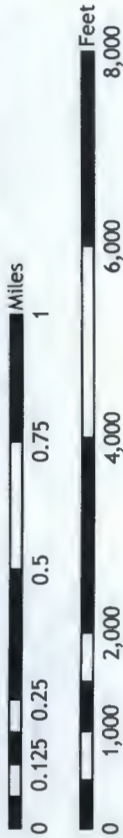


EXHIBIT D

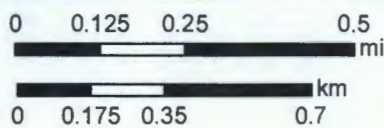
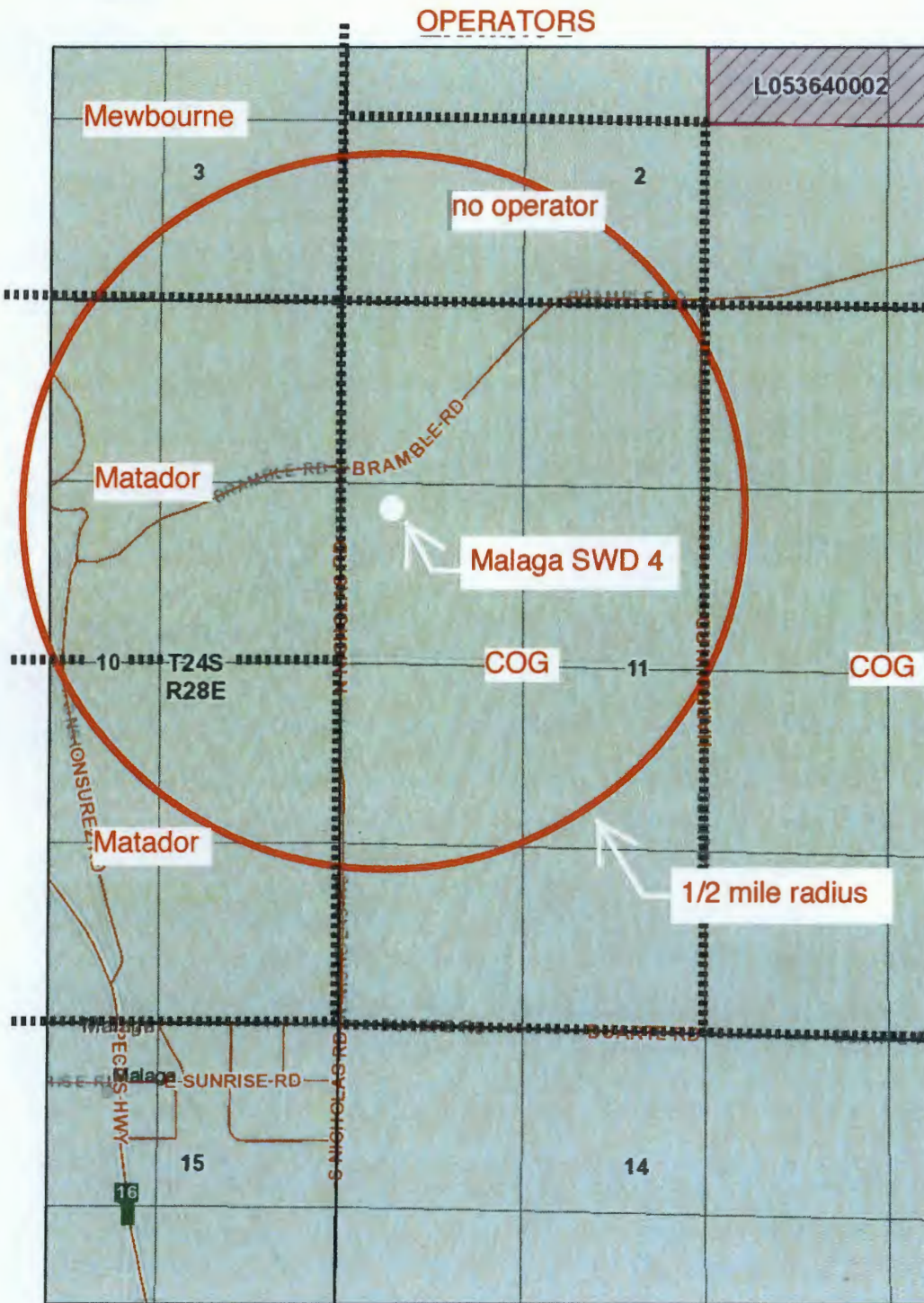




New Mexico State Land Office

Legend

- Override 1
- Override 1
- Override 1
- Villages
- Smaller Towns
- Larger Towns
- Cities
- State Boundary
- Continental Divide
- - - County Boundaries
- Townships
- Sections
- Subdivisions
- █ Highway Mileposts
- Detailed Roads
- ▭ Commercial Leases
- ▭ Minerals Leases
- ▭ Oil and Gas Leases
- ▭ Agricultural Leases
- ▭ Energy Leases
- Surface Estate (SLO)
- Subsurface Estate (SLO)
- Both Estates (SLO)
- Land Grants
- Bureau of Land Management
- Bureau of Reclamation
- Department of Agriculture
- Department of Defense
- Department of Energy
- USDA Forest Service
- Fish and Wildlife Service
- Bureau of Indian Affairs-Tribes
- National Park Service



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.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.



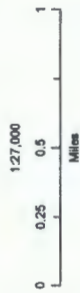
EXHIBIT D

Black River Water Management Company, LLC

Proposed Malaga SWD #4
2 Mile Mineral Ownership Map

Section 11, Township 24S, Range 28E
Malaga, Eddy County, New Mexico

- Federal Minerals
- State Minerals



NAD 1983 New Mexico State Plane East
FIPS 3001 Feet



Prepared by Permits West, Inc., November 2, 2017
for Black River Water Management Company, LLC



NM WAIDS

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)	



EXHIBIT F

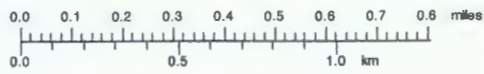
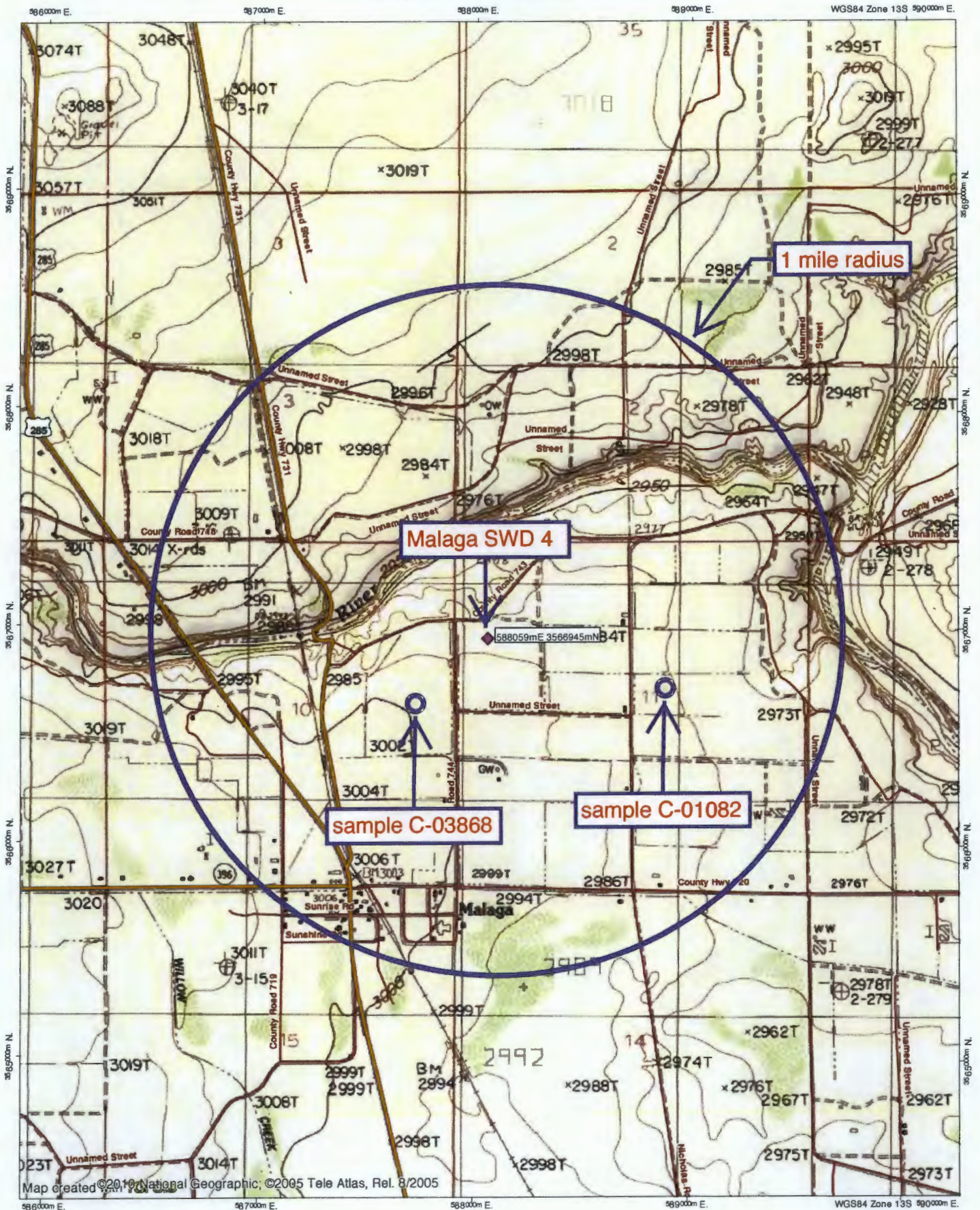


EXHIBIT G



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(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	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 01442</u>		C	ED	1	2	10	24S	28E		587298	3567199*	802	100		
<u>C 01082</u>			ED	3	3	2	11	24S	28E	588832	3566693*	813	120		
<u>C 01237</u>		C	ED	1	1	2	10	24S	28E	587197	3567298*	931	123		
<u>C 00511</u>		C	ED	2	3	02	24S	28E		588518	3568001*	1151	268	140	128
<u>C 02524 POD2</u>		C	ED	2	2	2	15	24S	28E	587814	3565690*	1278	90	11	79
<u>C 00890</u>			ED	3	3	4	10	24S	28E	587211	3565897*	1348	50		
<u>C 00346</u>		C	ED	2	2	15	24S	28E		587715	3565591*	1397	90	32	58
<u>C 00488</u>		C	ED	2	1	2	15	24S	28E	587412	3565688*	1413	64	8	56
<u>C 00570</u>	1610 meters	C	ED	1	1	10	24S	28E		586490	3567195*	1588	100	28	72
<u>C 00574</u>	= 1 mile		ED	2	4	4	11	24S	28E	589452	3566081*	1639	200	20	180
<u>C 03862 POD2</u>		CUB	ED	3	3	3	01	24S	28E	589665	3567507	1701	30	10	20
<u>C 03862 POD1</u>		CUB	ED	3	3	3	01	24S	28E	589672	3567505	1708	17	10	7
<u>C 03862 POD3</u>		CUB	ED	3	3	3	01	24S	28E	589685	3567500	1718	60	10	50
<u>C 03862 POD4</u>		CUB	ED	3	3	3	01	24S	28E	589705	3567490	1734	30	10	20
<u>C 00764</u>			ED	3	1	3	10	24S	28E	586399	3566292*	1783	118	25	93
<u>C 03862 POD5</u>		CUB	ED	4	3	3	01	24S	28E	589785	3567458	1801	17	10	7
<u>C 00962</u>		C	ED	3	3	10	24S	28E		586505	3565992*	1822	63	9	54
<u>C 02186</u>		C	ED	2	02	24S	28E			589128	3568606*	1975	100	55	45
<u>C 03132</u>		C	ED	1	2	4	15	24S	28E	587616	3564877*	2114	90	19	71
<u>C 00738</u>			ED	3	1	1	13	24S	28E	589673	3565472*	2185	125	12	113
<u>C 00573</u>			ED	2	2	4	04	24S	28E	586188	3568087*	2191	250	35	215
<u>C 02836</u>		C	ED	2	2	2	16	24S	28E	586203	3565676*	2248		15	
<u>C 02184</u>		C	ED	2	4	3	01	24S	28E	590248	3567700*	2315	87	60	27
<u>C 01747</u>			ED				12	24S	28E	590367	3566577*	2337	176	139	37
<u>C 02057</u>		C	ED	1	4	14	24S	28E		588956	3564774*	2349	126	52	74
<u>C 00318</u>		C	ED	2	4	4	34	23S	28E	587811	3569298*	2366	150		
<u>C 02198</u>		C	ED		1	01	24S	28E		589940	3568611*	2512	78		
<u>C 00903</u>		C	ED	2	1	13	24S	28E		590178	3565575*	2523	57	30	27
<u>C 00464</u>			ED	2	2	1	13	24S	28E	590277	3565674*	2556	111	28	83
<u>C 03824 POD1</u>		CUB	ED	4	1	2	16	24S	28E	585770	3565578	2665	290	60	230

<u>C_02306</u>	C	ED	3	2	04	24S	28E	585690	3568382*	2770	75	25	50	
<u>C_03703_POD1</u>	C	ED	1	2	1	09	24S	28E	585259	3567225*	2813	74	15	59
<u>C_00329</u>	C	ED	2	1	2	13	24S	28E	590682	3565677*	2913	95	30	65
<u>C_00684</u>		ED	2	1	2	13	24S	28E	590682	3565677*	2913	95	40	55
<u>C_01154</u>	C	ED	2	1	2	13	24S	28E	590682	3565677*	2913	95	50	45
<u>C_00618</u>	C	ED	3	4	4	12	24S	28E	590880	3565885*	3013	80	40	40
<u>C_01240</u>	C	ED		1	3	34	23S	28E	586494	3569592*	3075	125	25	100
<u>C_02244</u>	C	LE	3	1	2	22	24S	28E	587224	3563865*	3191	260		
<u>C_00983</u>	C	ED	4	4	4	12	24S	28E	591080	3565885*	3201	92	40	52

Average Depth to Water: **34 feet**

Minimum Depth: **8 feet**

Maximum Depth: **140 feet**

Record Count: 39

UTMNAD83 Radius Search (in meters):

Easting (X): 588059

Northing (Y): 3566945

Radius: 3220

***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.

11/2/17 4:41 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

EXHIBIT G

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Permits West

Client Sample ID: MBR4-C-01082

Project: Matadon Black River SWD 4

Collection Date: 7/27/2017 11:24:00 AM

Lab ID: 1708112-001

Matrix: AQUEOUS

Received Date: 8/1/2017 4:06:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664B							Analyst: MAB
N-Hexane Extractable Material	ND	10.6		mg/L	1	8/4/2017	33163
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	490	50	*	mg/L	100	8/8/2017 6:16:30 PM	R44822
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	2350	20.0	*	mg/L	1	8/4/2017 5:30:00 PM	33162

EXHIBIT G

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1708112

Date Reported: 8/9/2017

CLIENT: Permits West

Client Sample ID: MBR4-C-03868

Project: Matadon Black River SWD 4

Collection Date: 7/27/2017 1:17:00 PM

Lab ID: 1708112-002

Matrix: AQUEOUS

Received Date: 8/1/2017 4:06:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 1664B							Analyst: MAB
N-Hexane Extractable Material	ND	10.0		mg/L	1	8/4/2017	33163
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	520	50	*	mg/L	100	8/8/2017 6:41:20 PM	R44822
SM2540C MOD: TOTAL DISSOLVED SOLIDS							Analyst: KS
Total Dissolved Solids	2590	40.0	*D	mg/L	1	8/4/2017 5:30:00 PM	33162

EXHIBIT G

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B Analyte detected in the associated Method Blank
	D Sample Diluted Due to Matrix	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1708112

09-Aug-17

Client: Permits West
Project: Matadon Black River SWD 4

Sample ID	MB-33163	SampType:	MBLK	TestCode:	EPA Method 1664B					
Client ID:	PBW	Batch ID:	33163	RunNo:	44730					
Prep Date:	8/4/2017	Analysis Date:	8/4/2017	SeqNo:	1414487	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	ND	10.0								

Sample ID	LCS-33163	SampType:	LCS	TestCode:	EPA Method 1664B					
Client ID:	LCSW	Batch ID:	33163	RunNo:	44730					
Prep Date:	8/4/2017	Analysis Date:	8/4/2017	SeqNo:	1414488	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
N-Hexane Extractable Material	36.4	10.0	40.00	0	91.0	78	114			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1708112

09-Aug-17

Client: Permits West
Project: Matadon Black River SWD 4

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID:	R44822	RunNo:	44822					
Prep Date:		Analysis Date:	8/8/2017	SeqNo:	1417079	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSW	Batch ID:	R44822	RunNo:	44822					
Prep Date:		Analysis Date:	8/8/2017	SeqNo:	1417080	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.2	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1708112

09-Aug-17

Client: Permits West
Project: Matadon Black River SWD 4

Sample ID	MB-33162	SampType:	MBLK	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	PBW	Batch ID:	33162	RunNo:	44736					
Prep Date:	8/3/2017	Analysis Date:	8/4/2017	SeqNo:	1414683	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID	LCS-33162	SampType:	LCS	TestCode:	SM2540C MOD: Total Dissolved Solids					
Client ID:	LCSW	Batch ID:	33162	RunNo:	44736					
Prep Date:	8/3/2017	Analysis Date:	8/4/2017	SeqNo:	1414684	Units:	mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified



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

October 17, 2017

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 #4 ("the Well")
Section 11, 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 14,228', and any underground sources of drinking water has been found.

Sincerely,
Black River Water Management
Company, LLC

Clark Collier



EXHIBIT H

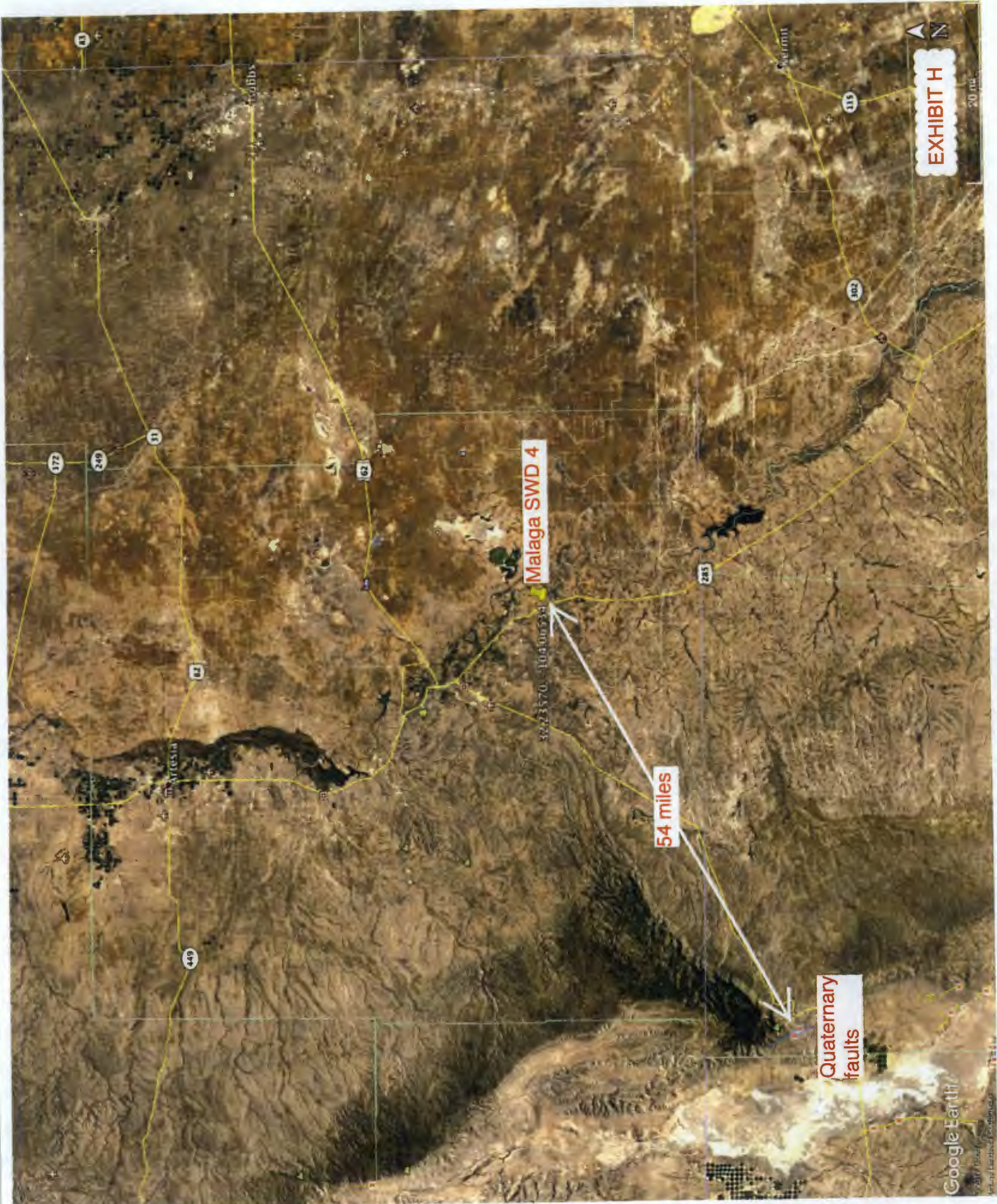


EXHIBIT H

Malaga SWD 4

54 miles

Quaternary faults

Google Earth
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20 mi

October 12, 2017

Black River Water Management Company, LLC is applying to drill the Malaga SWD 4 as a saltwater disposal well. The well is staked at 1489 FNL & 490 FWL Sec. 11, T. 24 S., R. 28 E., Eddy County and is 3/4 mile northeast of Malaga, NM. Disposal will be in the Devonian from 14,228' to 15,103'. Maximum injection pressure will be 2,845 psi. Maximum disposal rate will be 40,000 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. 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.

Affidavit of Publication

State of New Mexico,
County of Eddy, ss.

Danny Fletcher, being first duly sworn, on oath says:

That he is the Publisher 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:

October 12 2017

That the cost of publication is **\$51.48** and that payment thereof has been made and will be assessed as court costs.

[Handwritten signature]

Subscribed and sworn to before me this 18 day of October, 2017

[Handwritten signature: Cynthia Arredondo]

My commission Expires 8/13/21

Notary Public



EXHIBIT I

PERMITS WEST, INC.

PROVIDING PERMITS for LAND USERS

37 Verano Loop, Santa Fe, New Mexico 87501 (505) 466-4120

TYPICAL LETTER

January 11, 2018

Oscar & Gloria Vasquez Revocable Trust
PO Box 98
Malaga, NM 88263

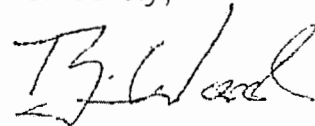
Black River Water Management Company, LLC is applying (see attached application) to drill the Malaga SWD 4 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well Name: Malaga SWD 4 (fee lease) TD = 15,103'
Proposed Disposal Zone: Devonian (from 14,230' to 15,103')
Location: 1489' FNL & 490' FWL Sec. 11, T. 24 S., R. 28 E., Eddy County, NM
Approximate Location: 3/4 mile northeast of Malaga, NM
Applicant Name: 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

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Street and Apt. No., or P.O. No.	
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RECORDS NM
JAN 12 2018
87501 8998

EXHIBIT J

7017 1000 0001 0526 2460

2560 2550 0001 0526 0926
7017 1000 0001 1000 0001
7017 1000 0001 0526 2404
7017 1000 0001 0526 2404
7017 1000 0001 0526 2404
7017 1000 0001 0526 2404
7017 1000 0001 0526 2404

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MIDLAND X 79701
Malaga SWD4

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FRANKLIN TOWER 1
MIDLAND TX 79701
Malaga SWD4

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c/o RANDALL CATE
6824 ISLAND CIR
MIDLAND TX 79707
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ROSWELL NM 88202
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Total Postage and Fees \$

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c/o JIM BRUCE
369 MONTEZUMA, #213
SANTA FE NM 87501
Malaga SWD4

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Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

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ESTATE of ROBT. HEINSCH
c/o BARBARA HEINSCH
4415 87TH ST.
LUBBOCK TX 79424
Malaga SWD4

Street and Apt. No., or PO Box No.
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TULSA OK 74136
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Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Send To
JAMES H. ISABELL
2820 MOSS AVE
MIDLAND TX 79705
Malaga SWD4

Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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

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

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

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Send To
LANI INVESTMENTS LLC
P.O. BOX 10458
MIDLAND TX 79702
Malaga SWD4

Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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

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

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

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Send To
JAMES H. ISABELL
10 DESTA DR., SUITE 104 EAST
MIDLAND TX 79705
Malaga SWD4

Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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

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

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

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Send To
MEWBOURNE OIL COMPANY
PO BOX 7898
TYLER TX 75711
Malaga SWD4

Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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

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

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

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Send To
KAISER-FRANCIS OIL COMPANY
PO BOX 21468-0999
TULSA OK 74121
Malaga SWD4

Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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

EXHIBIT J

7017 1000 0001 0526 2452

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
NADEL AND GUSSMAN PERMIAN
3300 1ST PLACE TOWER,
15TH E. 5TH ST.
TULSA OK 74103
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
SOE LLC.
P.O. BOX 30169
PENSACOLA FL 32503
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

7017 1000 0001 0526 1074

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
NADEL AND GUSSMAN PERMIAN
PO BOX 1933
ROSWELL NM 88202
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
SOUTHWEST ROYALTIES
1001 NOBLE ENERGY WAY
HOUSTON TX 77070
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

7017 1000 0001 0526 1098

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
OGX RESOURCES LLC
PO BOX 2000
MIDLAND TX 79702
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
LUCILLE PAINE TRUST
c/o SHARON THOMAS
306 ORIOLE ST.
OJAI CA 93203
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

7017 1000 0001 0526 1111

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

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

Certified Mail Fee
 \$

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

Postage \$

Total Postage and Fees \$

Send To
PEREGRINE PRODUCTION LLC
24 SMITH RD., SUITE 605
MIDLAND TX 79705
Malaga SWD4

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9747 See Reverse for Instructions

EXHIBIT J


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:

CHESAPEAKE EXPLORATION LLC
PO BOX 18496
OKLAHOMA CITY OK 73154

Malaga SWD 4



9590 9402 2266 6225 8494 20

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0923

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name)

C. Date of Delivery

RECEIVED
JAN 16 2018
MAILROOM 9

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

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" 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"/> Insured Mail	
<input type="checkbox"/> Restricted Delivery	

(over 500)

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.

1. Article Addressed to:

COGEAL/COGEN/COGENT/COGEST/RSC c/o RANDALL CATE
6824 ISLAND CIR
MIDLAND TX 79707

Malaga SWD 4



9590 9402 2894 7094 3437 64

2. Article Number (Transfer from service label)

7017 1000 0001 0526 2392

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name)
Randall Cate

C. Date of Delivery
1/19/18

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

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" 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"/> Insured Mail	
<input type="checkbox"/> Restricted Delivery	

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.

1. Article Addressed to:

COGEAL/COGEN/COGENT/COGEST/RSC c/o JIM BRUCE
369 MONTEZUMA, #213
SANTA FE NM 87501

Malaga SWD 4



9590 9402 2894 7094 3437 57

2. Article Number (Transfer from service label)

7017 1000 0001 0526 2385

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X 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

JAN 17 2018
SANTA FE
MAIN POST OFFICE

3. Service Type

<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" 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"/> Insured Mail	
<input type="checkbox"/> Restricted Delivery	

Mail Restricted Delivery (100)

Track Another Package +

Tracking Number: 70171000000105260930

Remove X

Your item was delivered to an individual at the address at 1:12 pm on January 16, 2018 in MIDLAND, TX 79701.

 **Delivered**

January 16, 2018 at 1:12 pm
Delivered, Left with Individual
MIDLAND, TX 79701

Get Updates 

Text & Email Updates

Tracking History

Product Information

See Less 

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICE OF THE POSTMASTER GENERAL PECOS, NM	
Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
COG OPERATING & PRODUCTION 600 W. ILLINOIS AVE. MIDLAND X 79701 Malaga SWD4	
Sent To	
Street and Apt. No., or PO Box	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Can't find what you're looking for?

Go to our [FAQs](#) section to find answers to your tracking questions.

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:

DOUGLAS OIL & GAS LP
 c/o REX ENERGY
 366 WALKER DR
 STAE COLLEGE PA 16801
 Malaga SWD 4



9590 9402 2894 7094 3439 93

2. Article Number (Transfer from service label)
 7017 1000 0001 0526 2415

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Signature Agent Addressee

B. Received by (Printed Name) C. Date of Delivery
 1/19/18

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

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

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.

1. Article Addressed to:

FEATHERSTONE DEVELOPMENT CORPORATION
 P.O. BOX 429
 ROSWELL NM 88202

Malaga SWD 4



9590 9402 2894 7094 3438 01

2. Article Number (Transfer from service label)
 7017 1000 0001 0526 2439

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Signature Agent Addressee

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

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

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Mail Restricted Delivery (over \$500)
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

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.

1. Article Addressed to:

ESTATE of ROBT. HEINSH
 c/o BARBARA HEINSH
 4415 87TH ST.
 LUBBOCK TX 79424
 Malaga SWD 4



9590 9402 2894 7094 3440 06

2. Article Number (Transfer from service label)
 7017 1000 0001 0526 2422

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Signature Agent Addressee


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


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

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Mail Restricted Delivery (over \$500)
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery


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

Domestic Return Receipt


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> 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. 	<p>A. Signature</p> <p><input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent</p> <p><input type="checkbox"/> Addressee</p>	
	B. Received by (Printed Name)	C. Date of Delivery
	Tiffany Williams	11/17/18
1. Article Addressed to:	D. Is delivery address different from item 1? <input type="checkbox"/> Yes	
	If YES, enter delivery address below: <input type="checkbox"/> No	
	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
2. Article Number (Transfer from service label)	7017 1000 0001 0526 1005	
<p>JAMES H. ISABELL</p> <p>2820 MOSS AVE</p> <p>MIDLAND TX 79705</p> <p>Malaga SWD 4</p> <p></p> <p>9590 9402 2894 7094 3438 18</p>		
PS Form 3811, July 2015 PSN 7530-02-000-8053		
		Domestic Return Receipt

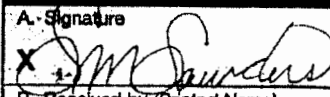

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature</p> <p><input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent</p> <p><input type="checkbox"/> Addressee</p>	
	B. Received by (Printed Name)	C. Date of Delivery
1. Article Addressed to:	D. Is delivery address different from item 1? <input type="checkbox"/> Yes	
	If YES, enter delivery address below: <input type="checkbox"/> No	
	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
2. Article Number (Transfer from service label)	7017 1000 0001 0526 1012	
<p>JAMES H. ISABELL</p> <p>10 DESTA DR., SUITE 104 EAST</p> <p>MIDLAND TX 79705</p> <p>Malaga SWD 4</p> <p></p> <p>9590 9402 2894 7094 3438 25</p>		
PS Form 3811, July 2015 PSN 7530-02-000-8053		
		Domestic Return Receipt

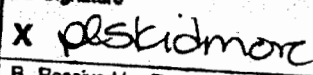

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature</p> <p><input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent</p> <p><input type="checkbox"/> Addressee</p>	
	B. Received by (Printed Name)	C. Date of Delivery
	Brian Williams	11/17/18
1. Article Addressed to:	D. Is delivery address different from item 1? <input type="checkbox"/> Yes	
	If YES, enter delivery address below: <input type="checkbox"/> No	
	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
2. Article Number (Transfer from service label)	7017 1000 0001 0526 1029	
<p>KAISER FRANCIS OIL COMPANY</p> <p>PO BOX 21468</p> <p>TULSA OK 74121</p> <p>Malaga SWD 4</p> <p></p> <p>9590 9402 2894 7094 3438 32</p>		
PS Form 3811, July 2015 PSN 7530-02-000-8053		
		Domestic Return Receipt

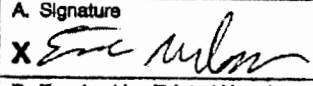

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY													
<ul style="list-style-type: none"> Complete Items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>													
1. Article Addressed to:	B. Received by (Printed Name) <i>[Signature]</i>	C. Date of Delivery 1-6-18												
KAISER-FRANCIS OIL COMPANY 6733 S. YALE AVE. TULSA OK 74136 Malaga SWD 4  9590 9402 2894 7094 3438 49	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>													
2. Article Number (Transfer from service label) 7017 1000 0001 0526 1036	<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 checked="" 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> </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 checked="" 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"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®													
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™													
<input checked="" 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													
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt														



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY													
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input checked="" type="checkbox"/> <i>[Signature]</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p>													
1. Article Addressed to:	B. Received by (Printed Name) <i>[Signature]</i>	C. Date of Delivery 1/22/18												
LANI INVESTMENTS LLC P.O. BOX 10458 MIDLAND TX 79702 Malaga SWD 4  9590 9402 2894 7094 3438 56	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>													
2. Article Number (Transfer from service label) 7017 1000 0001 0526 1043	<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 checked="" 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> </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 checked="" 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"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®													
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™													
<input checked="" 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													
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt														


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY													
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1. Article Addressed to:	B. Received by (Printed Name) <i>[Signature]</i>	C. Date of Delivery 1/17/18												
MEWBOURNE OIL COMPANY PO BOX 7698 TYLER TX 75711 Malaga SWD 4  9590 9402 2894 7094 3438 70	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>													
2. Article Number (Transfer from service label) 7017 1000 0001 0526 1067	<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 checked="" 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> </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 checked="" 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"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®													
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™													
<input checked="" 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													
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1. Article Addressed to: NADEL AND GUSSMAN PERMIAN PO BOX 1933 ROSWELL NM 88202 Malaga SWD 4  9590 9402 2894 7094 3438 87	B. Received by (Printed Name) S.M. SAUNDERS	C. Date of Delivery
2. Article Number (Transfer from service label) 7017 1000 0001 0526 1074	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 2015 PSN 7630-02-000-9053		

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<ul style="list-style-type: none"> 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. 	A. Signature 	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: NADEL AND GUSSMAN PERMIAN 3300 1st PLACE TOWER, 15TH E. 5TH ST. TULSA OK 74103 Malaga SWD 4  9590 9402 2894 7094 3438 94	B. Received by (Printed Name) PL Skidmore	C. Date of Delivery 1-16-18
2. Article Number (Transfer from service label) 7017 1000 0001 0526 2453	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 2015 PSN 7630-02-000-9053		

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<ul style="list-style-type: none"> 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. 	A. Signature 	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: OGX RESOURCES LLC PO BOX 2064 MIDLAND TX 79702 Malaga SWD 4  9590 9402 2894 7094 3439 00	B. Received by (Printed Name) Eric Moore	C. Date of Delivery 1-19-18
2. Article Number (Transfer from service label) 7017 1000 0001 0526 1098	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
PS Form 3811, July 2015 PSN 7630-02-000-9053		

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<p>1. Article Addressed to:</p> <p>SOUTHWEST ROYALTIES 1001 NOBLE ENERGY WAY HOUSTON TX 77070</p> <p>Malaga SWD 4</p>  <p>9590 9402 2894 7094 3439 55</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> 														
<p>2. Article Number (Transfer from service label) 7017 1000 0001 0526 1135</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 checked="" 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"/> all 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 checked="" 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"/> all Restricted Delivery	
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<p>1. Article Addressed to:</p> <p>LUCILLE PAINE TRUST c/o SHARON THOMAS 306 ORIOLE ST. OJAI CA 93203</p> <p>Malaga SWD 4</p>  <p>9590 9402 2894 7094 3438 63</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>														
<p>2. Article Number (Transfer from service label) 7017 1000 0001 0526 2446</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 checked="" 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"/> 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 checked="" 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"/> Restricted Delivery	
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<p>1. Article Addressed to:</p> <p>OSCAR & GLORIA VASQUEZ REVOC. TRUST PO BOX 98 MALAGA NM 88263</p> <p>Malaga SWD 4</p>  <p>9590 9402 2894 7094 3439 17</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>														
<p>2. Article Number (Transfer from service label) 7017 1000 0001 0526 2460</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 checked="" 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"/> 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 checked="" 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"/> Restricted Delivery	
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<input type="checkbox"/> Restricted Delivery															
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>															

Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Friday, April 20, 2018 1:41 PM
To: Goetze, Phillip, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Dawson, Scott, EMNRD; Clory L. Wetzsteon; Riley, Heather, EMNRD; McMillan, Michael, EMNRD
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice
Attachments: MRC_ Malaga SWD No. 4_Supplemental AOR Exhibit B[10896475v1].PDF

Phil,

Attached is the supplemental well tabulation information for the expanded area of review, prepared by Brian Wood at Permits West on behalf of Black River Water Management. As described in the updated Item V., copied below, the only well which penetrates the injection interval is the Alpha SWD No. 1 well which has had its ordered to inject revoked by the Division and is currently on de novo appeal before the Commission:

V. Exhibit B shows and tabulates the 20 existing active wells + 2 new wells within a 1 -mile radius. None of the 20 existing wells penetrated the Devonian. One of the new (30-01 5-44237) wells will penetrate (1 5,200' TVD) the Devonian as a SWD well. The SWD well bore diagram and proposed construction details are in Exhibit B. Deepest of the 22 wells is 1 5, 200'. Exhibit C shows all 167 existing wells (106 oil or gas wells + 3 7 water wells + 22 P & A wells + 2 injection or disposal wells) within a two-mile radius.

We expect to be able to provide you with the supplemental AOR tabulation of well data for the Malaga SWD No. 5 well by Monday.

Very best,
Adam

From: Goetze, Phillip, EMNRD [mailto:Phillip.Goetze@state.nm.us]
Sent: Thursday, April 19, 2018 3:40 PM
To: Adam Rankin <AGRankin@hollandhart.com>
Cc: Sanchez, Daniel J., EMNRD <daniel.sanchez@state.nm.us>; Dawson, Scott, EMNRD <Scott.Dawson@state.nm.us>; Clory L. Wetzsteon <CLWetzsteon@hollandhart.com>; Riley, Heather, EMNRD <Heather.Riley@state.nm.us>; McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice

Adam:

This should complete the items requested at the April 12th meeting with Matador and will be included in the respective applications. Thanks for your clients expanded effort. We will proceed with the administrative order draft and count the days. 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: Thursday, April 19, 2018 3:35 PM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Cc: Sanchez, Daniel J., EMNRD <daniel.sanchez@state.nm.us>; Dawson, Scott, EMNRD <Scott.Dawson@state.nm.us>; Clory L. Wetzsteon <CLWetzsteon@hollandhart.com>
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice

Phil,

Attached is Matador's fault slip white paper, requested by the Division to supplement both administrative applications, prepared by Ned Frost. Please include this in the administrative record for both pending applications. Similarly, please also include the supplemental notice provided in the prior email below, dated 4/18/18, in the administrative record for each respective well.

Many thanks.

Please let me know if you have any follow up questions regarding the white paper.

We are continuing to work to finalize the additional area of review out to one mile for both wells and will submit that for the Division's consideration as soon as the work is complete. I believe that is the last remaining item outstanding from us.

Very best,
Adam

From: Adam Rankin
Sent: Wednesday, April 18, 2018 10:03 AM
To: 'Goetze, Phillip, EMNRD' <Phillip.Goetze@state.nm.us>
Cc: 'daniel.sanchez@state.nm.us' <daniel.sanchez@state.nm.us>; Dawson, Scott, EMNRD <Scott.Dawson@state.nm.us>; Clory L. Wetzsteon <CLWetzsteon@hollandhart.com>; David L. Washington <DLWashington@hollandhart.com>
Subject: Black River - Malaga SWD No. 4 & 5 - update to notice

Phil,

Attached for the Division's records are the following:


- affidavit of publication
- certified receipt for mailing notices for both wells (if the Division wants the list showing tracking numbers for all recipients, let me know – the affected parties are so numerous I just attached the cover mailing receipt and not the full tracking lists)
- Notice letter and legal description sent by certified mail

We are working to prepare the supplemental AOR out to 1 mile radius and the white paper requested and will submit those as soon as they are available.

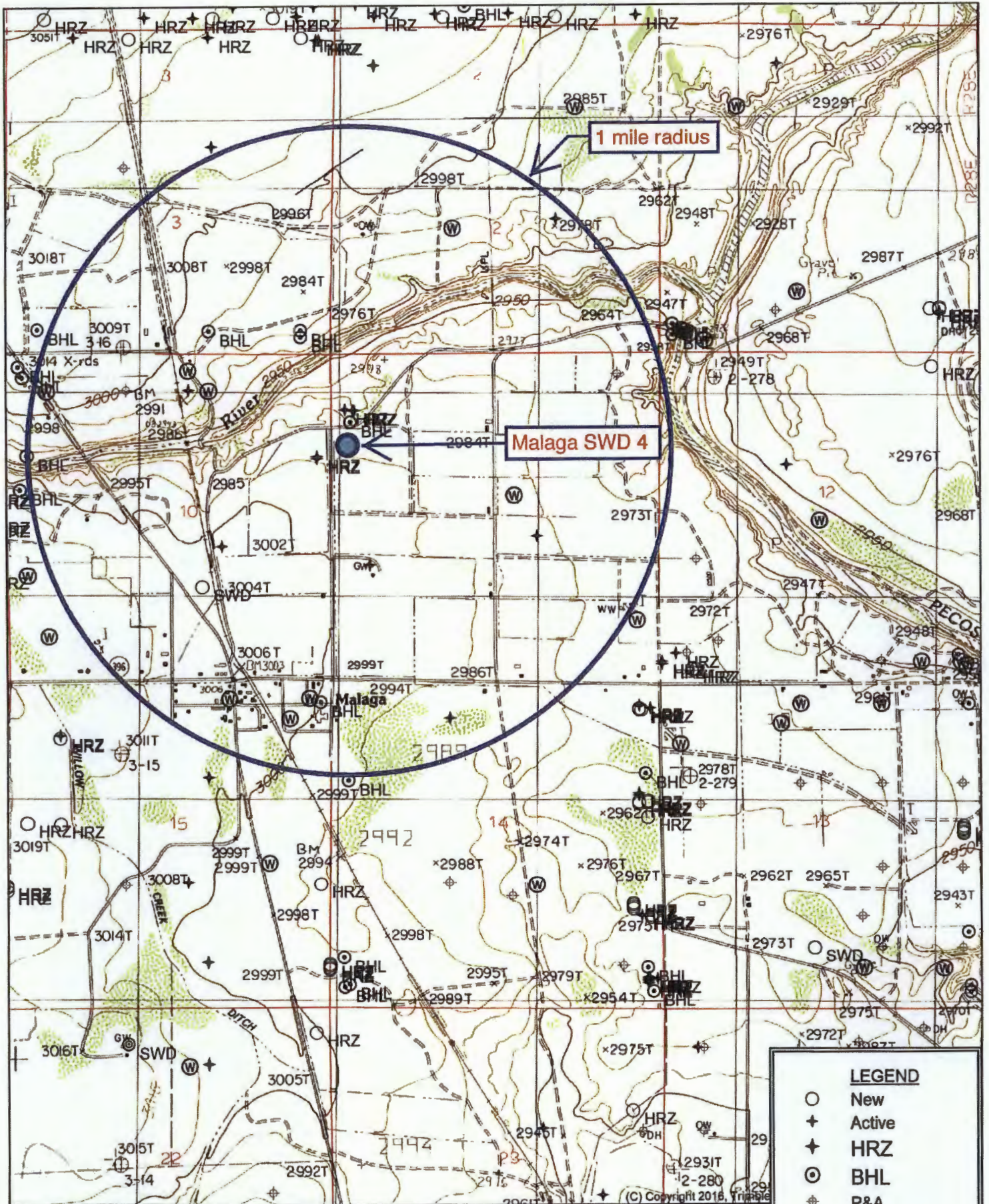
Very best,
Adam

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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1 mile radius

Malaga SWD 4

LEGEND	
○	New
+	Active
✦	HRZ
⊙	BHL
⊠	P&A
⊖	INJ
⊕	SWD
⊗	Water



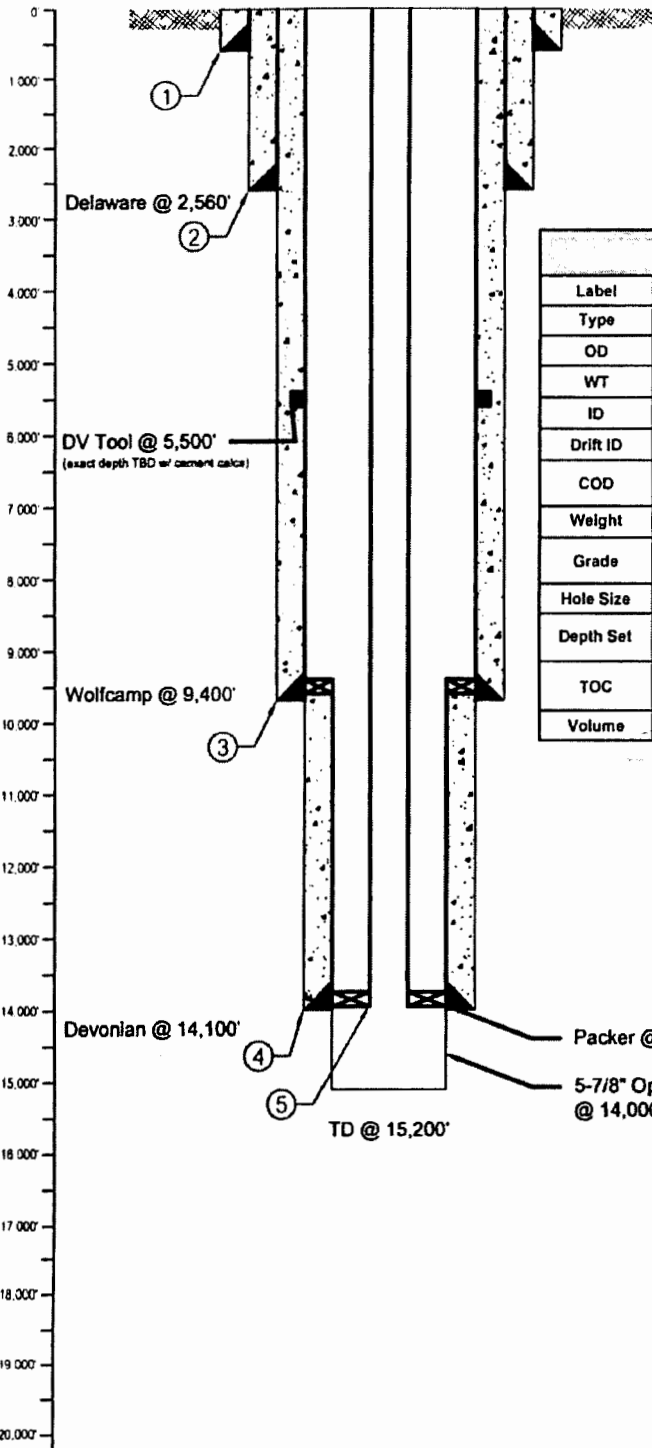
Quad: MALAGA
Scale: 1 inch = 2,000 ft.

EXHIBIT B

(C) Copyright 2016, Tri-State

SORTED BY DISTANCE FROM MALAGA SWD 4

API	OPERATOR	SHL UNIT-SECTION-T24S-R28E	TVD	WELL	WELL TYPE	DEEPEST ZONE	FEET FROM MALAGA SWD 4
3001543993	Matador	D-11	9648	Guitar 10 24 28 RB 205H	G	Wolfcamp	488
3001543940	Matador	D-11	9460	Guitar 10 24 28 RB 201H	G	Wolfcamp	515
3001543966	Matador	D-11	10481	Guitar 10 24 28 RB 221H	G	Wolfcamp	528
3001544533	Matador	D-11	12950 (MD)	Guitar 10 24 28 RB 121H	O	Bone Spring	543
3001542660	Matador	H-10	9475	Guitar 10 24 28 RB 202H	G	Wolfcamp	760
3001543693	Matador	H-10	10238	Guitar 10 24 28 RB 222H	G	Wolfcamp	770
3001521786	COG	L-11	12834	CNB Com 001	G	Morrow	1980
3001542935	Mewbourne	A-3	10583	Yardbirds 3 W2AP Fee 001H	G	Wolfcamp	2069
3001543849	Mewbourne	A-3	9602	Yardbirds 3 WOAP Fee 002H	G	Wolfcamp	2089
3001523299	Matador	J-10	12800	Kirkes Com 001	G	Morrow	2813
3001523099	Matador	B-10	12715	Guitar 10 24 28 RB 001	G	Morrow	2944
3001542948	Mewbourne	B-3	6153	Yardbirds 3 D3BO Fee 001H	O	Brushy Canyon	3097
3001523850	COG	J-11	12900	Vasquez 001	G	Morrow	3276
3001521030	Phillips	L-2	13170	Malaga A 001	P&A	Morrow	3487
3001544237	Alpha SWD	J-10	15200 plan	Alpha SWD 001	SWD	Devonian	3528
3001502487	Richardson & Bass	K-2	8151	Julia Beeman 001	P&A	Bone Spring	3789
3001523797	Dinero	C-10	11778	Vasquez Com 001	P&A	Atoka	3924
3001542859	Mewbourne	C-3	6500 plan	Yardbirds 3 D3CN Fee 001H	O	Brushy Canyon	4203
3001502489	Schabel	A-11	3016	Beeman 001	P&A	Delaware	4374
3001523752	Matador	C-14	12880	Tiger 14 24S 28E RB 001	G	Atoka	4690
3001526279	Kaiser-Francis	J-2	12050	Malaga 2 State Com 001	G	Atoka	4834
3001522853	Breck	G-3	13100	Malaga Com 001	O	Delaware	5361



KB	NA
BHF	NA
GL	NA
Spud	NA

Casing/Tubing Information					
Label	1	2	3	4	5
Type	Surface	Intermediate	Production	Liner	Tubing
OD	20"	13-3/8"	9-5/8"	7-5/8"	5-1/2"
WT	0.438"	0.480"	0.472"	0.562"	0.304"
ID	19.124"	12.415"	8.681"	6.501"	4.892"
Drift ID	18.936"	12.259"	8.525"	6.376"	4.767"
COD	21,000"	14,375"	10,625"	7,625"	6,050"
Weight	94 lb/ft	68 lb/ft	47 lb/ft	42.8 lb/ft	17 lb/ft
Grade	J-55 STC	L-80 STC	HCL-80 LTC	P-110 UFJ	P-110 BTC P-110 UFJ
Hole Size	26"	17-1/2"	12-1/4"	8-1/2"	Varies
Depth Set	600'	2,600'	9,700'	9,400' - 14,000'	0' - 9,400' 9,400' - 13,950'
TOC	Surface (circulation)	Surface (circulation)	Surface (circulation)	9,400'	NA
Volume	1,420 sks	1,465 sks	1,840 sks	370 sks	NA

Handwritten note: 2 1/2" P-110

	Alpha SWD		Alpha SWD #1 - Proposed	
	Country: USA	State/Province: New Mexico	County/Parish: Eddy	
	Location: Malaga, NM	Site:	Survey/STR: Sec. 10-24S-28E	
API No:	Field:	Well Type/Status: SWD		
Texas License F-9147	State ID No:	Project No:	Date: 5/19/17	
3345 Bee Cave Road, Suite 201 Austin, Texas 78746 Tel: 512.732.9812 Fax: 512.732.9816	Drawn: CBW	Reviewed: CBW	Approved: SLP	
	Rev No: 1	Notes:		

EXHIBIT B



Oil Conservation Division
Energy, Minerals and Natural Resources Department
State of New Mexico

C-108 Application – Division Supplemental Documents

Application for Disposal in Devonian and Silurian Formations: Due to the potential for the projected injection volume of the proposed well to impact an area greater than the one-half mile radius applied in Division Form C-108 and Division rule, the applicant has provided the following supplementary information:

1. Notification following Division Rule 19.15.26.8(B) NMAC for a radius of one mile from the surface location of the proposed well;
2. An expanded Area of Review for wells penetrating the disposal interval for a radius of one mile from the surface location of the proposed well; and
3. A statement by a qualified person assessing the potential of induced-seismic events associated with the disposal activities for the predicted service life of the proposed well.

Applicant: Black River Management Company

Application: pMAM1802953901 / Case No. 16130 / Hearing Order No. R-14715

Well: Malaga SWD No. 4

Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Wednesday, April 18, 2018 10:03 AM
To: Goetze, Phillip, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Dawson, Scott, EMNRD; Clory L. Wetzsteon; David L. Washington
Subject: Black River - Malaga SWD No. 4 & 5 - update to notice
Attachments: 1611_001.pdf; POSTAL RECEIPT - MRC-BlackRiver-Malaga SWD No. 4Well.pdf; POSTAL RECEIPT - MRC-BlackRiver-Malaga SWD No. 5Well.pdf; PROOF - Well 4 rev 3 letter.pdf; PROOF - Well 5 Rev 3 letter.pdf

Phil,

Attached for the Division's records are the following:

- affidavit of publication
- certified receipt for mailing notices for both wells (if the Division wants the list showing tracking numbers for all recipients, let me know – the affected parties are so numerous I just attached the cover mailing receipt and not the full tracking lists)
- Notice letter and legal description sent by certified mail

We are working to prepare the supplemental AOR out to 1 mile radius and the white paper requested and will submit those as soon as they are available.

Very 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 

CONFIDENTIALITY NOTICE: This message is confidential and may be privileged. If you believe that this email has been sent to you in error, please reply to the sender that you received the message in error; then please delete this e-mail. Thank you.



April 16, 2018

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: AFFECTED PARTIES

Re: Application of Black River Water Management Company, LLC for a Salt Water Disposal Well and Authorization to Inject Through Its Proposed Malaga SWD No. 4 Well, Eddy County, New Mexico.

Ladies and Gentlemen:

This letter is to advise you that Black River Water Management Company, LLC ("Black River") has filed an administrative application with the New Mexico Oil Conservation Division seeking an order authorizing injection of produced water for disposal purposes through its proposed **Malaga SWD No. 4 well** (API No. 30-015-44514), with a surface location 1,489 feet from the North line and 490 feet from the West line (Unit E) of Section 11, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. Said well is located approximately 1 mile northeast of Malaga, New Mexico. A copy of the legal advertisement for this application is enclosed for your information. If you would like to review a copy of the Oil Conservation Division Form C-108, please contact the undersigned at the email or phone number provided above.

Any objection to this application must be filed in writing within twenty days from this date with the applicant and the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

Sincerely,

Adam G. Rankin
**BLACK RIVER WATER MANAGEMENT COMPANY,
LLC**

10824337_2

CASE 16130:

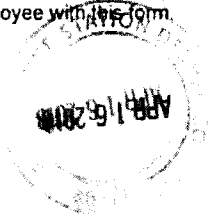
Application of Black River Water Management Company, LLC for a Salt Water Disposal Well and Authorization to Inject Through Its Proposed Malaga SWD No. 4 Well, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order authorizing injection of produced water for disposal purposes through its proposed **Malaga SWD No. 4 well** (API No. 30-015-44514), with a surface location 1,489 feet from the North line and 490 feet from the West line (Unit E) of Section 11, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. The maximum proposed daily injection rate will be approximately 40,000 barrels per day with an average daily injection rate of approximately 30,000 barrels per day. The proposed injection will occur within the Devonian formation at a depth of approximately 14,230 feet to 15,103 feet deep. The maximum injection pressure will be 2,846 psi. Said well is located approximately 1 mile northeast of Malaga, New Mexico.



**Shipment Confirmation
Acceptance Notice**

A. Mailer Action

Note To Mailer: The labels and volume associated to this form online, must match the labeled packages being presented to the USPS® employee with this form.



Shipment Date: 4/13/2018

Shipped From: _____
Name: Gary Brown
Address: 6747 E 50th Ave
City: Commerce City
State: CO ZIP+4® 80022

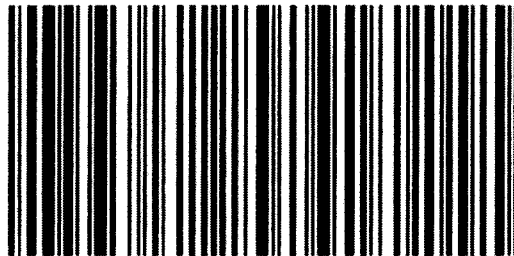
Type of Mail	Volume
Priority Mail Service®	0
Priority Mail Express Service®*	0
International Mail*	0
Other	498
Total Volume	498

*Start time for products with service guarantees will begin when mail arrives at the local Post Office™ and items receive individual processing and acceptance scans.

B. USPS Action

USPS EMPLOYEE: Please scan upon pickup or receipt of mail. Leave form with customer or in customer's mail receptacle.

USPS Tracking



94 757 102 007 93895287418

CARLSBAD
CURRENT-ARGUS

AFFIDAVIT OF PUBLICATION

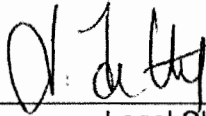
**Ad No.
0001243204**

HOLLAND & HART
PO BOX 2208

SANTA FE NM 87504

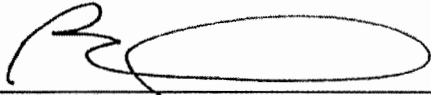
I, a legal clerk of the **Carlsbad Current-Argus**,
a newspaper published daily at the City of
Carlsbad, in said county of Eddy, state of New
Mexico and of general paid circulation in said
county; that the same is a duly qualified
newspaper under the laws of the State wherein
legal notices and advertisements 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:

04/13/18



Legal Clerk

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



State of WI, County of Brown
NOTARY PUBLIC

12-14-2021

My Commission Expires

BERGEN GORNOWICH
Notary Public
State of Wisconsin

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on May 3, 2018, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appointed for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by April 23, 2018. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.

**STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following cases
and notice to the public.**

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All offset owners and pooled parties, including: MRC Permian Company; RSC Resources LP; Nonnortootie LLC; Una Oreja LLC; Horned Frog Oil and Gas, LP; BucJag Investments, LLC; JTD, LLC; COG Operating LLC; Devon Energy Production Company, LP; David D. Kalish, et ux., their heirs and devisees; Marie Jeanne Billeaud, et ux., their heirs and devisees; Mewbourne Oil Company; Petroleum Royalty Search, Inc.; Richard Donnelly, et ux., their heirs and devisees; Thomas A. Sikes, his heirs and devisees; William H. Bennett, et ux., their heirs and devisees; Goodrich Petroleum Company; OXY USA, Inc.; Hayes Land, LP; Patricia Ann Beeman Allen, her heirs and devisees; Francis F. Beeman, her heirs and devisees; William B. Beeman, his heirs and devisees; Kevin J. Hanratty, his heirs and devisees; Clarence Erwin and Mary Erwin h/w, their heirs and devisees; Louis M. Ratliff, Jr., his heirs and devisees; T.L. Rees, his heirs and devisees; Marilyn Bitsis, her heirs and devisees; JoAnn McNeill, her heirs and devisees; Patricia Long, her heirs and devisees; Bertha Lorene Osborn, her heirs and devisees; Bonnie R. Gregory, a widow, her heirs and devisees; Stephen Knowles Quinn, his heirs and devisees; Ernestine M. Lindley, Trustee under agreement recorded in Book 96 at Page 1127; Kelly D. Evensen, individually and as Trustee for Ernestine M. Lindley, their heirs and devisees; Damon and Marie Bond Family LLC; The Estate of Jane R. Heinsch, Robert Stephen Heinsch, Co-Executor, her heirs and devisees; The Estate of Jane R. Heinsch, Leslie M. Heinsch, Co-Executrix, her heirs and devisees; H&S Oil LLC; Carmex, Inc.; Lucille Paine, her heirs and devisees; Andrew Don Fry, his heirs and devisees; Jim Lopez, Jr.

and Margarita A. Lopez h/w as JT, their heirs and devisees; The Carlsbad National Bank; Donald B. Cruce, his heirs and devisees; Catherine Cruce by: Alan B. Cruce, Attorney in Fact, her heirs and devisees; Robert Jones, his heirs and devisees; Ramona Neil, her heirs and devisees; Peri Lynn Warren, her heirs and devisees; Tracy Neil, her heirs and devisees; A.L. Hewitt and Pauline F. Hewitt h/w, their heirs and devisees; June Marie Avery, her heirs and devisees; Elks National Foundation; University of New Mexico; Maria R. Walker, her heirs and devisees; Shattuck-St. Mary's School; Perla Martinez, her heirs and devisees; New Mexico Girls and Boys Ranch, Inc.; John Erby Ruiz, his heirs and devisees; Jaime Ruiz, Individually and as Administrator of the Estate of Juan Ruiz, dec, their heirs and devisees; John Bill Ruiz, his heirs and devisees; Eddie E. Carrasco, his heirs and devisees; Timothy Leonard, his heirs and devisees; Molly Azopardi, her heirs and devisees; Anastacio R. Blanco, his heirs and devisees; Robert J. Leonard, Trustee of the Leonard Trust; Donald M. James, his heirs and devisees; Robert L. James III and Laura C. James, their heirs and devisees; Emilio R. Villa and Pauline F. Villa h/w, their heirs and devisees; Janet A. Smith, her heirs and devisees; Lenore M. Johnson, her heirs and devisees; Therese J. Berry, her heirs and devisees; Kathleen S. King, her heirs and devisees; Tammy W. Kearns and Thomas E. Kearns w/h, their heirs and devisees; Patricia Ann James, her heirs and devisees; James H. Isbell (Lois L. Isbell, his wife), their heirs and devisees; Kaiser-Francis Oil Company; S. K. Warren Resources, L.L.C.; ConocoPhillips Company; CML Exploration, LLC; Patterson Petroleum LLC; The Lucille A. Paine Trust u/t/a 9/14/1978 Sharon Thomas, Successor of the Trust; The Estate of Robert Stephen Heinsch Date of Death 1/31/2016 Administration filed in Lubbock, TX C/O Barbara Diane Heinsch; Southwest Royalties Inc.; EOG Resources, Inc.; International Petroleum Services Company; Wayne O&G 1988 Partnership; KCK Energy, LLC; Sandra Dewey, her heirs and devisees; Tap Rock Resources, LLC; Justin and Sara Nine, their heirs and devisees; Tim Lilley, his heirs and devisees; Marc Lilley, his heirs and devisees; Hope Royalties, LLC; Mark McClellan, his heirs and devisees; Princess Properties, LLC; Susan M. Hinkle, her heirs and devisees; Florence A. Swearingen, her heirs and devisees; Lois Lundblade, her heirs and devisees; Marilyn Denkert, her heirs and devisees; Senior Center in Kenesaw (Kenesaw Senior Center); American Legion in Kenesaw; Cemetery Association in Kenesaw; Hastings College; Rescue Unit of Kenesaw; Leonard E. Marcotte, his heirs and devisees; Richard Allen Swearingen, his heirs and devisees; Julie J. Martin, her heirs and devisees; Eric L. Collins Trust; Peden Family Trust; Flora Jane Hopkins Revocable Inter Vivos Trust; Roy G. Barton, Jr. and Claudia Barton, their heirs and devisees; Kenneth W. Brown, his heirs and devisees; Peggie Sue Larson, her heirs and devisees; John A. Brown, his heirs and devisees; David B. Brown, his heirs and devisees; Tiffany Gunther and Donia Ledford, their heirs and devisees; James A. Brown Family Trust; Carnegie Energy, LLC; Mary E. Harris, her heirs and devisees; Rozann Richardson, her heirs and devisees; Dale M. Richardson, his heirs and devisees; Linda Sue Richardson, her heirs and devisees;

Margaret L. Mehl, her heirs and devisees; Larry Redford, his heirs and devisees; Stanico Energy Corp; Nelson Collier, his heirs and devisees; James A. Collier, III, his heirs and devisees; Gregory Collier, his heirs and devisees; Anastacia R. Blanco, her heirs and devisees; Anna Pauline Swearingen, her heirs and devisees; Bill C. Ruiz, his heirs and devisees; Boys Club of America; Brandy Michelle Beeman, her heirs and devisees; Brazos Limited Partnership; Chevron U.S.A. Inc.; Darlene Pearson, her heirs and devisees; Dela Inez Masterpolito, her heirs and devisees; Eland Energy, Inc.; Erma Lee Garcia, her heirs and devisees; Facowie Energy sole proprietorship of E. Bradford Mantz; Francis F. Beeman et ux., Bettye J. Beeman, their heirs and devisees; Harry T. Richardson, his heirs and devisees; Harvey G. Ruiz, his heirs and devisees; J.M. Turney & Steve Turney, their heirs and devisees; Jaime P. Ruiz, his heirs and devisees; James W. Marbach, his heirs and devisees; Janis Chafee Yates, her heirs and devisees; Joe H. Beeman, his heirs and devisees; John P. Bates, his heirs and devisees; Joyce Chafee Fawcett, her heirs and devisees; Justin McClelland, his heirs and devisees; KCK Energy, LLC; Kevin K. Leonard Trustee of the Kevin K. Leonard Child's Trust; Linda Richardson; Mark Allen Beeman, his heirs and devisees; Marvin L. Lundblade, his heirs and devisees; Mary Jane Ruiz, her heirs and devisees; McAlister Royalties LLC; Melvin Rogers, his heirs and devisees; Michael Kyle Leonard Trustee of the Michael Kyle Leonard Child's Trust; Norma Beeman, her heirs and devisees; Norma Gupton, her heirs and devisees; Patrick Leonard Trustee of the Patrick Leonard Child's Trust; Pecos Bend Royalties; Trabajo Del Spear, LP; Robert Bradley Beeman, his heirs and devisees; Robert D. Richardson, his heirs and devisees; Ronald Rogers, his heirs and devisees; Shannon C. Leonard Trustee of the Shannon C. Leonard Child's Trust; Sonja Lopez, her heirs and devisees; Sheryl Collins, et ux., Craig Collins, their heirs and devisees; Terry A. White and Carla K. White Trustees of the Terry A. White and Carla K. White Trust; The Beveridge Company; The Bishop Whipple Schools AKA Shattuck St Mary's School; The Trustee of Patricia Ann Beeman Allen Trust; William Franklin Beeman, his heirs and devisees; Word B. Wilson, his heirs and devisees; Zia Royalty; Donna Phillips, her heirs and devisees; Barbara Brown, her heirs and devisees; Sharlene Murphy, her heirs and devisees; Ronald Peache, his heirs and devisees; Elizabeth Nguyen, her heirs and devisees; 1119 Oil & Gas, LLC; Anna Henderson, her heirs and devisees; Beauford Laurence Amerine, his heirs and devisees; Beverly Ralph, her heirs and devisees; Billye Ramsey Johnston, his heirs and devisees; Brent Nearhood, his heirs and devisees; Brough Amerine, his heirs and devisees; CALM Fort Worth Ventures, LLC; Carrie Leigh McElhaney, her heirs and devisees; Charles Amerine, SSP, his heirs and devisees; Charlotte E. Cook, her heirs and devisees; Crockett Lee McElhaney, his heirs and devisees; David F. McElhaney his heirs and devisees; David Huffer c/o Janette, Carmen, Michael & Joy Huffer, his heirs and devisees; David Mark McElhaney, his heirs and devisees; Deanna Riley, her heirs and devisees; Dr. John Sperling, his heirs and devisees; E. Jeanette Hansen, Celenia F Harris,

Reba Nell Robertson and Thelma L Ramsey, Joint Tenants, their heirs and devisees; Edna McNama Milland, her heirs and devisees; EOG A Resources, Inc.; EOG M Resources, Inc.; EOG Y Resources, Inc.; Esmera R. Carrasco, her heirs and devisees; Estate of Elizabeth McNama Scott, her heirs and devisees; Estate of Elsie Warren, her heirs and devisees; Estate of Helen Margaret McCabe, her heirs and devisees; Estate of Janet Sherrell Sperling, her heirs and devisees; Estate of John R. Rogers, his heirs and devisees; Estate of M. F. Fraley, his heirs and devisees; Estate of Richard Lee Gaines, his heirs and devisees; Ethel Derley, her heirs and devisees; Evelyn G. Cornwell, her heirs and devisees; Felicia A. Munoz, her heirs and devisees; Franklin C. Owen, his heirs and devisees; Gahr Energy Company; Goldfinger Oil & Gas LLC; Herbert McNama, his heirs and devisees; Jack L. Roberts, Jr., his heirs and devisees; Jack McNama, his heirs and devisees; Jacquelyn Jo Sooby, her heirs and devisees; Jean E. Christian, her heirs and devisees; Jeanette Huffer, her heirs and devisees; Jeannie McElhaney, her heirs and devisees; John H. Sooby, his heirs and devisees; John N. Dallman, his heirs and devisees; Jose A H Pino a/k/a J A Herman Pino and wife, Agapita R Pino, their heirs and devisees; Kelly D. Evensen, heirs and devisees; L. C. Burkham & Sons; Lewis Milton Cromwell, his heirs and devisees; Lovell F. Hert, his heirs and devisees; Margurett E. Petschke Revocable Trust as Amended & Restated May 29, 2001; Mary Katherine Johnson, her heirs and devisees; Mary Nearhood, her heirs and devisees; Misty Dawn Gilliam, her heirs and devisees; Nancy Lorraine Galloway, her heirs and devisees; Opal L. Sperling, her heirs and devisees; OXY Y-1 Company; Patricia H. Munoz, her heirs and devisees; Paul C. Duncan, Jr., his heirs and devisees; Paul Duncan McElhaney, his heirs and devisees; Paula Kualine McElhaney Rosales, her heirs and devisees; Phyllis P. Guitierrez-Brown Ind. & Executrix Irene Brown Estate, their heirs and devisees; Ronald Johnson, his heirs and devisees; Ruth Sperling Brattain c/o Shirley Heil, her heirs and devisees; SNW Permian LLC; Stanley E. Berry, JT, his heirs and devisees; Tammy McElhaney, her heirs and devisees; Wally Johnson, his heirs and devisees; Walter L Jennings and wife, Pat Jennings, their heirs and devisees; Wilma Keller, her heirs and devisees; Winfred McNama Drake, his heirs and devisees; Winona Graham, her heirs and devisees; Barbara Lee Backman, Inc.; BK Royalties, LLC; Brett C. Barton; Brett Guitar Witherspoon, his heirs and devisees; Camellia Land LLC; Caren G. Lucas, her heirs and devisees; Caren Gall Lucas, Trustee of the Caren Gall Lucas Exempt Trust; Catherine Gall Parker, her heirs and devisees; Catherine Gall Parker and Craig Parker, Co-Trustees of the Catherine Gall Parker Exempt Trust; Catherine Gall Parker and Craig Parker, Co-Trustees of the Gall Credit Shelter Trust; Gayle N. Nicolay, Trustee of the Gayle N. Nicolay Revocable Trust; Guitar Galusha, LP; Guitar Land & Cattle Company, LP; Guy Pittman Witherspoon, III, his heirs and devisees; Heidi C. Barton, her heirs or devisees; Honey's Heritage LP; Jack G. Woods, Jr., his heirs and devisees; James M. Alexander, his heirs and devisees; Jeri Alexander Lott, his heirs and devisees; Jeri Alexander

Mangum and First Financial Trust and Asset Management Company, NA, Trustees of the Jane Alexander Rhodes Revocable Trust; John Alexander Guitar and Margaret Ann Guitar, Trustees of the Earl B. Guitar, Jr. and Margaret Ann Guitar Revocable Trust; John Guitar, his heirs and devisees; John Guitar Witherspoon, Jr., his heirs and devisees; JPH Holdings, LP; Judy Guitar Uhey, her heirs and devisees; Kelly Woods Leach, her heirs and devisees; Leslie Guitar Nichols, her heirs and devisees; Leslie David Guitar, his heirs and devisees; Lost Creek Royalties, LP; Melissa McGee, her heirs and devisees; Murchison-Guitar Family LP; Pardue Limited Company; Paul B. Hofer, III and John M. Hofer, Co-Trustees of the Laura Jean Hofer Trust; PJC Limited Partnership; Polk Land & Minerals, LP; Pressley Hudson Guitar, his heirs and devisees; Realeza Del Spear, LP; Roy G. Barton, III, his heirs and devisees; S. P. Johnson, III, and Barbara Jo Johnson, Co-Trustees of the S. P. Johnson III and Barbara Jo Johnson Trust, u/t/a dated January 24, 1985; Sally Guitar, her heirs and devisees; Sharon Guitar Ellis, her heirs and devisees; Virginia James, her heirs and devisees; Virginia Nevill Hoff, Trustee of the Virginia Nevill Hoff Management Trust; Wende Witherspoon Morgan, her heirs and devisees; Woods Dickens Ranch, LP; Alfonso Campos, his heirs and devisees; Alfred Enderud, his heirs and devisees; Alma Larson, his heirs and devisees; Arnulfo A. Gonzalez, Jr. and wife, Kathy H. Gonzalez, their heirs and devisees; Augustine Campos, his heirs and devisees; Billy Jerome Clinton, his heirs and devisees; Curtis Dwaine Enderud, his heirs and devisees; Develva Barlett Hampton, her heirs and devisees; Diana Lynn Campos, her heirs and devisees; Donald Eric Enderud, his heirs and devisees; Edwin L. Dunagan, his heirs and devisees; Ellen I. Enderud, her heirs and devisees; Estate of Daniel Lewis Gooch, his heirs and devisees; Estate of Lina Foltz, her heirs and devisees; Estate of Rathelle Foltz, her heirs and devisees; Estate of Ruby Platter, her heirs and devisees; Estate of Sig Kling, his heirs and devisees; Frank Albert Enderud, his heirs and devisees; Frank M. Agar, Jr., his heirs and devisees; Frederic J. Wehmeyer & Joyce Adalre Wehmeyer Revocable Living Trust; Janine Gossett, her heirs and devisees; Jesse Enderud, his heirs and devisees; Jimmy David Enderud, his heirs and devisees; Jose Varela, his heirs and devisees; Jose Z. Nunez, his heirs and devisees; Joshua Allen Winningham, his heirs and devisees; Katherine June Bailey, her heirs and devisees; Larry Carl Enderud, his heirs and devisees; Lloyd Enderud, his heirs and devisees; Lou Ellen Daniels, her heirs and devisees; Louis Enderud, his heirs and devisees; Lupe G. Sing, her heirs and devisees; Michael William Enderud, his heirs and devisees; Michelle Lara, her heirs and devisees; Opal Sample, her heirs and devisees; Panhandle Oil & Gas, Inc., formally known as Panhandle Royalty Company; Ramiro Graziano, his heirs and devisees; Raul Graziano, his heirs and devisees; Richard Campos, his heirs and devisees; Rowan Family Minerals, LLC; Roy Martin Enderud, his heirs and devisees; Ruth D. Roberts, her heirs and devisees; Samantha RoyAnn Lindblad, her heirs and devisees; Shwan Robert Enderud, his heirs and devisees; Spear Brothers Sheep and Cattle Company; State of New Mexico Division Department of Finance & Administration; Yv-

ette Lara, her heirs and devisees; A. G. Tolbert Cooper and Margie A. Cooper, Trustees, or their successors in trust, under The A. G. Tolbert Cooper and Margie A. Cooper Trust dated September 26, 1997; Addie Belle Farrell Kenney, her heirs and devisees; Amy J. Geist, her heirs and devisees; Andy Brumfield, his heirs and devisees; Art Huber, Jr. and wife, Carolyn Huber, as joint tenants, their heirs and devisees; Aubrey Covault, Jr., her heirs and devisees; Barton L. Enoch, his heirs and devisees; Beauford Amerine, his heirs and devisees; Belinda Williams, her heirs and devisees; Bennie Greer, his heirs and devisees; Big Sky Estates, Inc.; Billy M. Gregg, his heirs and devisees; Blue Clyde, Inc.; BNSF Railway Company; Brough Amerine, his heirs and devisees; Buddy F. Ogburn, his heirs and devisees; Burbank Douglas Stewart Chisholm, his heirs and devisees; Carla Kay Nearhood Dickson, Brent Nearhood, and Mary Nearhood, as joint tenants, their heirs and devisees; Cecilia Orosco, his heirs and devisees; Cecilia Rios Williams, her heirs and devisees; Celia Ruiz, her heirs and devisees; Cella B. Milavec, her heirs and devisees; Charles Amerine, his heirs and devisees; Clay McEwen, his heirs and devisees; Cora Enderud, her heirs and devisees; David D. Hampton, his heirs and devisees; Dawn Rios, her heirs and devisees; Deanna Riley, her heirs and devisees; Deborah Enoch Davis, her heirs and devisees; Debra L. Kenney, her heirs and devisees; Dimitri Elias Nunez, his heirs and devisees; Don H. Cotton, his heirs and devisees; Donnie Brumfield, his heirs and devisees; Doris E. Bucherer, her heirs and devisees; Doris Y. Price, her heirs and devisees; Dorothy Nunez Baeza, her heirs and devisees; Edgel D. Shan, his heirs and devisees; Elizabeth G. Hollar Folmer, her heirs and devisees; Estate of Candelario Carrasco, her heirs and devisees; Estate of Charlotte E. Cook, her heirs and devisees; Estate of Coe McEwen Wilscam, her heirs and devisees; Estate of Evelyn Muri Baker, her heirs and devisees; Estate of J. D. McDonald, his heirs and devisees; Estate of Jessie Pearl Butz, her heirs and devisees; Estate of Lyle Rexford Butz, II, his heirs and devisees; Estate of Maria Carnero, Deceased, her heirs and devisees; Estate of Murrell M. Ogburn, her heirs and devisees; Estate of Perry Clinton, his heirs and devisees; Estate of Roberta Louise Edwin White, her heirs and devisees; Ethel Derley, her heirs and devisees; Eva Dobyms, her heirs and devisees; Flora H. Kemp, her heirs and devisees; Frances Sheppard, her heirs and devisees; Gary L. Covault, his heirs and devisees; Geneva Muncrief, her heirs and devisees; Gladys L. Martin, her heirs and devisees; Glen Brady Williams, his heirs and devisees; Green Tree Servicing, LLC; H. E. Hampton, his heirs and devisees; H. H. Gregg, his heirs and devisees; Harold Don Drew, his heirs and devisees; Helen Elizabeth Oberstar, her heirs and devisees; Jackie V. Shan, her heirs and devisees; Jackie Walker, her heirs and devisees; James D. Langley, Trustee or his Successors in Trust, under the Langley Family Trust dated December 11, 2003; James W. Williams, his heirs and devisees; Jane Horn, her heirs and devisees; James Williams, his heirs and devisees; Jane Reese, her heirs and devisees; Jennifer McEwen Enoch, her heirs and devisees; Jesus D. Armendarez, Sr., her heirs and devisees; Jimmy Wayne Kenney, his

heirs and devisees; John D. McEwen, as Trustee of the Irrevocable Trust of Heather McEwen; Josephine Elizabeth Elder, her heirs and devisees; Juanita Jane Scott, her heirs and devisees; Julie Caldwell, her heirs and devisees; Kevin Beachy McEwen, his heirs and devisees; Kiva Shan Freeman, her heirs and devisees; Lainada R. Veazey, her heirs and devisees; Laverne Barnes, his heirs and devisees; Lenore M. Johnson, her heirs and devisees; Lila Beth Carbrera, her heirs and devisees; Linda Sue Williams, her heirs and devisees; Linville Williams, his heirs and devisees; Lovella Kilman, her heirs and devisees; Lucila Varela, her heirs and devisees; Lynn Hobbs, his heirs and devisees; M. Brad Bennett, his heirs and devisees; Margaret L. Fate and Linville D. Williams, as Co-Trustees of the Roxie L. Williams Trust; Margaret L. Fate, her heirs and devisees; Maria Rios Brownfee, her heirs and devisees; Marie Louise Loula, her heirs and devisees; Marie Yolanda H. Sotelo, her heirs and devisees; Marilyn L. Cook, her heirs and devisees; Martin L. Ogburn, his heirs and devisees; Mary R. Perez, her heirs and devisees; Melissa Breaux, her heirs and devisees; Michelle G. Davis, her heirs and devisees; Mildred I. Spencer, her heirs and devisees; Milton Doyle Batchelor, his heirs and devisees; Murl I. Mulder, her heirs and devisees; Nancy Lorraine Galloway, Debra Lynn Harris, Clyde Shayne Galloway, and Royal Zane Galloway, Jr., as joint tenants, their heirs and devisees; Nora Williams, her heirs and devisees; Norris N. Gregg, Jr., his heirs and devisees; Pamala Gay Carter a/k/a Pamela Gay Carter, her heirs and devisees; Paul E. Dorado, his heirs and devisees; Phillip Brumfield, his heirs and devisees; R. H. Gregg, his heirs and devisees; Ralph (Rudy) Ruiz, his heirs and devisees; Ramon Q. Hernandez, his heirs and devisees; Raul Ruiz, his heirs and devisees; Reyes Ruiz, his heirs and devisees; Robert Lee Johnson, Jr., his heirs and devisees; Ronald O. Logsdon, Jr., as Trustee under that certain Declaration of Trust executed October 1, 1992; Ruby J. Gregg, her heirs and devisees; Ruth Martin Little, her heirs and devisees; Stephen Glenn Hopkins, his heirs and devisees; Stewart Hall, as Trustee of The Stewart Hall Revocable Living Trust dated June 21, 2005; Terry Williams, his heirs and devisees; The Catholic Diocese of Las Cruces; The Estate of Phyllis Jo Sullivan, her heirs and devisees; Virginia Lambing, her heirs and devisees; W Management, LLC; Wayland Magby, his heirs and devisees; William H. Covault, his heirs and devisees; Willow Lake, Inc.; Wilma Keller, her heirs and devisees; Winona Graham, her heirs and devisees; Yvonne Flemming, her heirs and devisees; Brian C. Reid and Wife, Katherine A Reid, their heirs and devisees; Brian Patrick McEwen, his heirs and devisees; Celma C. Rios, her heirs and devisees; Drew Matthew McEwen, his heirs and devisees; Efrain C. Rios, his heirs and devisees; Efrain C. Rios and Wife, Celma C. Rios, their heirs and devisees; John David McEwen, his heirs and devisees.

Case No. 16130: Application of Black River Water Management Company, LLC for a Salt Water Disposal Well and Authorization to Inject Through Its Proposed Malaga SWD No. 4 Well, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order authorizing injection of produced water for disposal

purposes through its proposed Malaga SWD No. 4 well (API No. 30-015-44514), with a surface location 1,489 feet from the North line and 490 feet from the West line (Unit E) of Section 11, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. The maximum proposed daily injection rate will be approximately 40,000 barrels per day with an average daily injection rate of approximately 30,000 barrels per day. The proposed injection will occur within the Devonian formation at a depth of approximately 14,230 feet to 15,103 feet deep. The maximum injection pressure will be 2,846 psi. Said well is located approximately 1 mile northeast of Malaga, New Mexico.

Fault-Slip Probability Assessment in the 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 has undertaken a study to characterize the fault-slip potential in the Malaga area in Eddy County, New Mexico. 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. Two 13 well model cases, which are described in more detail herein, were run, as follows: 1) a case with 30,000 bbl/d maximum rates and 2) a case with 45,000 bbl/d maximum rates on 5 of the 13 wells. In both cases, the injection rates were held constant through 2047. Despite these significant long-term injection volumes, the results of such analyses indicate that the potential for fault slip in the Malaga area remains low through 2047, with all faults showing a slip probability of 12% or less.

Data:

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 code. Four fault trends were observed (Figure 1a/b, Figure 2): 1) high-angle (dip>70°), north-south trending reverse faults, 2) high-angle (dip>70°), southwest-northeast trending, northwest reverse faults, 3) high-angle (dip>70°), east-west trending reverse faults and 4) arcuate reverse faults with variable strikes and dips. The north-south trending fault set is the most common, making up more than 80% of the observed fault orientations (Figure 1a).

Stress data was derived from borehole image log data in the Black River #1 SWD (Figure 1c; Table 1), 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). Matador has observed significant rotations of SHmax across southeast New Mexico, and as such Matador feels a locally derived value is important. Matador used the A_0 parameter of Simpson 1997 (as summarized by Lund Snee et al., 2018) to describe the ratio of the principle stresses and to determine the style of faulting. Horizontal stress magnitudes were not modeled explicitly by Matador

(Figure 2A), instead the published A_0 value of 0.52 (Lund Sneek and Zoback 2018; Table 1) for southern Eddy County, New Mexico was used, which implies a pure normal faulting environment.

Characteristics of the Siluro-Devonian aquifer were derived from public data, regional mapping and proprietary well data. The Siluro-Devonian aquifer has an average thickness of roughly 1000 ft, and an average porosity of 6%. Average permeability is inferred to be 150 md based on an observed permeability thickness of 204,000 md-ft in a step-rate test performed on an existing Matador SWD well.

Experimental Design:

Using the Fault Slip Potential code, two 13 well cases were modeled. The SWD wells included in the models were a mix of active injectors and all known permitted (not currently injecting) wells that were within the PSDM volume as of April 12 2017 (Table 2; Figures 1c and 3). In both cases there are 12 high-volume injectors, and one low-volume injector—the Cigarillo SWD#1 (modeled at 8000 bbl/d). The rates and duration for these wells in each model case are summarized in Table 2. In Case #1, all 12 high-volume SWDs were rate-limited to 30,000 bbl/d, through 2047. In Case #2, the 5 Black River SWD #1, Rustler Breaks SWD #2, Rustler Breaks SWD #3, Malaga SWD #4 and Malaga SWD #5 were modeled to inject at a rate of 45,000 bbl/d, while the remaining high-volume injectors were modeled at an injection rate of 30,000 bbl/d. The rationale for the 30,000 bbl/d and 45,000 bbl/d rates is that they respectively approximate the maximum achievable rate for 4.5" and 5.5" casing.

For both model cases, fault data and all other parameters were held constant. These parameters, and their variability limits for the Monte-Carlo simulations, are summarized in Table 1. The fault parameter with the largest impact on slip potential is fault dip (Figure 4a). Fault dip is also the parameter with the most local variability and the most likely to be adversely influenced by seismic depth imaging errors. As such, fault dip is allowed to vary by as much 15° in the probabilistic geomechanical modeling routines (Figure 4b).

Results:

In both model cases, the impact of high-rate injection can be seen as a regional increase in pore pressure with time (Figure 3). To interrogate the two model cases, the Malaga #4 location at the year 2047 was used as a reference point. In Case #1, the pressure impact was 312 psi at the reference point, while in Case #2 pressure increased to 360 psi. At the modelled depth of 13,500 ft, this translated to a pore pressure gradient increase of 0.023 psi/ft and of 0.026 psi/ft respectively. 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 both model cases are well below this limit. However, it is important to recognize that different fault populations have different stabilities. The SW-NE trending features have the lowest stability 750-1200 psi, while the north-south trending features, which are by far the more common observed fault orientation in the area, have stabilities of generally greater than 1500psi.

When probabilistic simulations were run with FSP, the overall fault slip probability was low (c.a., 10%) in both cases. Case #1 had a maximum probability of 11%, and the increased injection rates only increased the slip probability to 12% in Case #2 (Figure 5).

Conclusions and Recommendations:

Based on the model cases presented here, the overall probability of fault slip is less than 12% well into the future (2047), even with multiple high-volume injectors spaced roughly a mile apart. However, caution still needs to be exercised to avoid injection near unstable features. Mohr-Coulomb failure theory predicts that there are unstable orientations possible in all stress orientations (Fig. XX). As such, great care should be taken to identify these stress orientations and avoid injecting in the immediate vicinity of known unstable fault orientations. The FSP code provides an ideal tool to identify unstable fault orientations and, based on the stress parameters used in this study, the most unstable fault orientation are features with N41°E strike and a dip of approximately 60°. It should be noted that the stability of this fault orientation increases significantly by dips of 70° and greater. While faults that strike southwest-northeast are observed in the 3D volume, their dips are dominantly greater than 80° (Fig. 1b). Regardless, Matador screens all of the SWD locations that it drills against its 3D seismic to avoid this orientation in order to minimize risk; *it is Matador's assertion that all operators should do the same*. Moreover, it is important to emphasize that these results are local in nature, and they should not be applied to other settings without properly calibrating the input data.

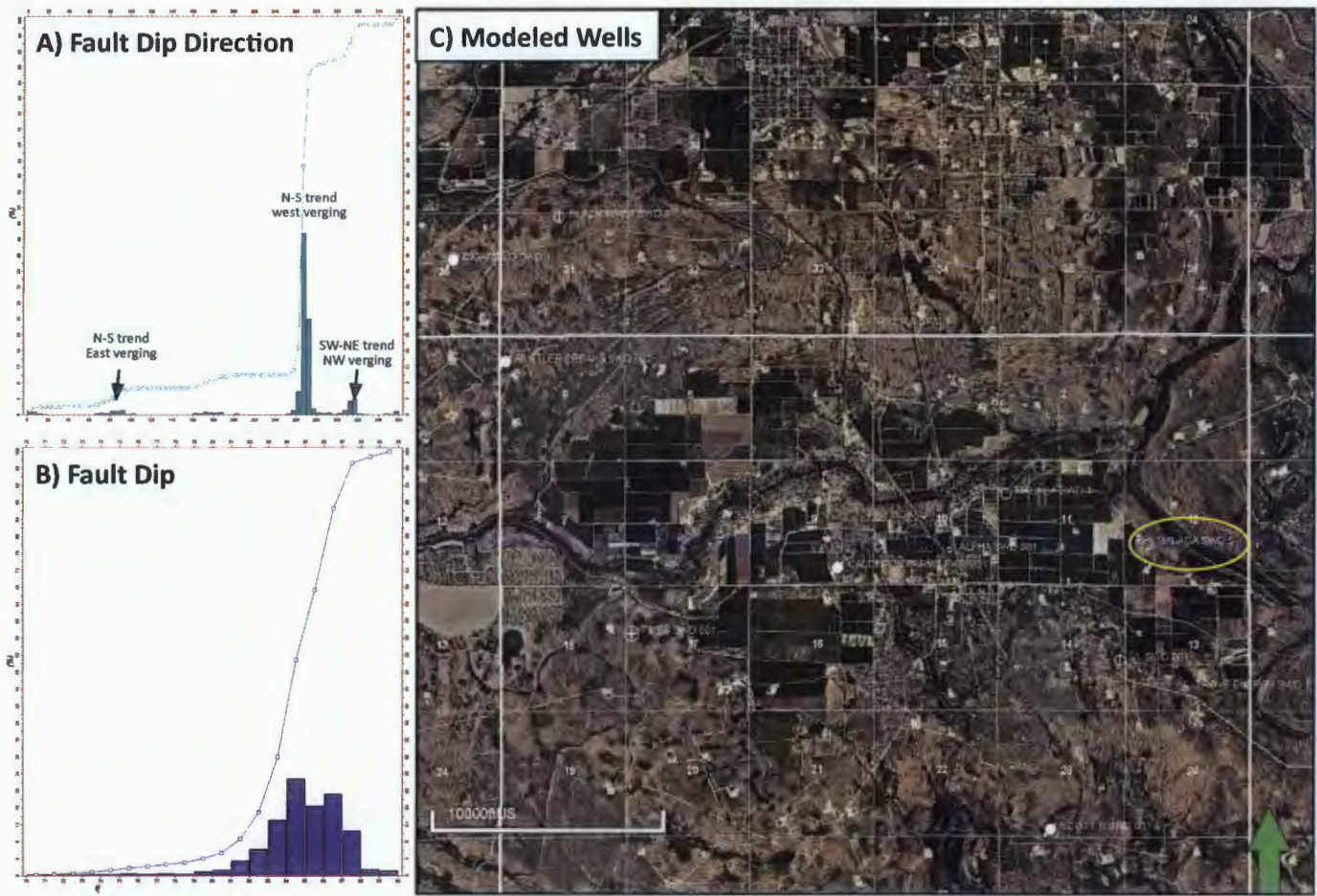


Figure 1: Input Data. A) Fault dip direction data from 118 mapped faults. The clusters of data at 90° and 270° represent the dominant N-S striking fault set. B) Fault dip data from 118 mapped faults. The majority of faults have dips greater than 75°, C) Distribution of 13 modeled wells. The Malaga SWD 4 (circled) serves as a reference point for modeling results.

Parameter	Input Value	Variability (+/-)	Data Source
Vertical Stress Gradient	1.05 psi/ft	0.05 psi/ft	Pilot Hole
Shmax	N 42 E	5°	Pilot Hole
Fault Strike	variable	5°	3D Seismic
Fault Dip	variable	15°	3D Seismic
Reference Depth	13500 ft	na	Pilot Hole, 3D Seismic, Regional Mapping
Initial Reservoir Pressure Gradient	0.43 psi/ft	0.03 psi/ft	Pilot Hole
A Phi Parameter	0.52	0.03	Lund Snee and Zoback 2018
Reference Friction Coefficient	0.6	0.01	Standard Value
Aquifer Thickness	1000 ft	200	Pilot Hole, Regional Mapping
Porosity	6%	2%	Pilot Hole
Permeability	150 mD	100 mD	Pilot Hole, Step-Rate Tests
Fluid Density	1000 kg/m ³	50 kg/m ³	Assume value
Dynamic Viscosity	0.0004 Pa. S	0.0001 Pa. S	Calculated value corrected for reservoir temperature

Table 1: Model Inputs, Variance, and Source.

Well	Start	End	Case #1 Volume	Case #2 Volume
Cigarillo SWD #1	2010	2047	8000 bbl/d	8000 bbl/d
Black River SWD #1	2017	2047	30000 bbl/d	45000 bbl/d
Rustler Breaks SWD #2	2017	2047	30000 bbl/d	45000 bbl/d
Rustler Breaks SWD #3	2018	2047	30000 bbl/d	45000 bbl/d
Malaga SWD #4	2018	2047	30000 bbl/d	45000 bbl/d
Malaga SWD #5	2018	2047	30000 bbl/d	45000 bbl/d
Alpha SWD #1	2019	2047	30000 bbl/d	30000 bbl/d
Calderon SWD #1	2017	2047	30000 bbl/d	30000 bbl/d
Fikes SWD #1	2019	2047	30000 bbl/d	30000 bbl/d
Scott B SWD #1	2019	2047	30000 bbl/d	30000 bbl/d
Striker 3 SWD #1	2019	2047	30000 bbl/d	30000 bbl/d
Trove Energy SWD #1	2019	2047	30000 bbl/d	30000 bbl/d
VL SWD #1	2019	2047	30000 bbl/d	30000 bbl/d

Table 2: Well Data for FSP Modeling.

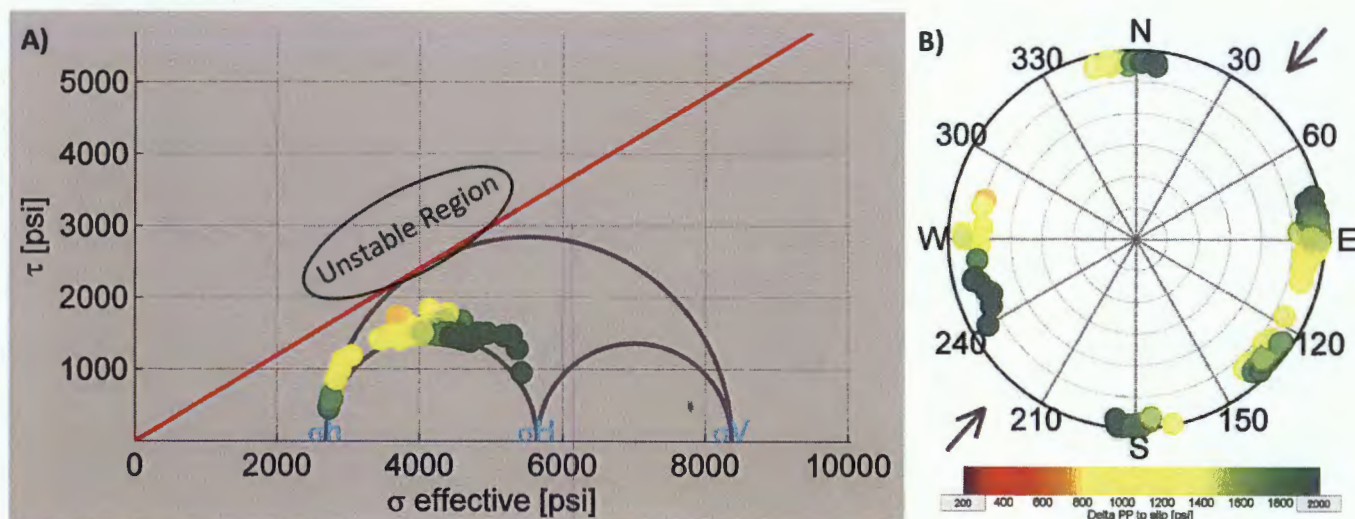


Figure 2: A) 3D Mohr Diagram with poles to faults shaded by change in pore pressure required for slip. Principal stress magnitudes are shown on the Y-axis. The red line represents fictional stability envelope, any points above or left of this line are considered unstable. B) Stereonet showing poles to faults shaded by change in pore pressure required for fault slip.

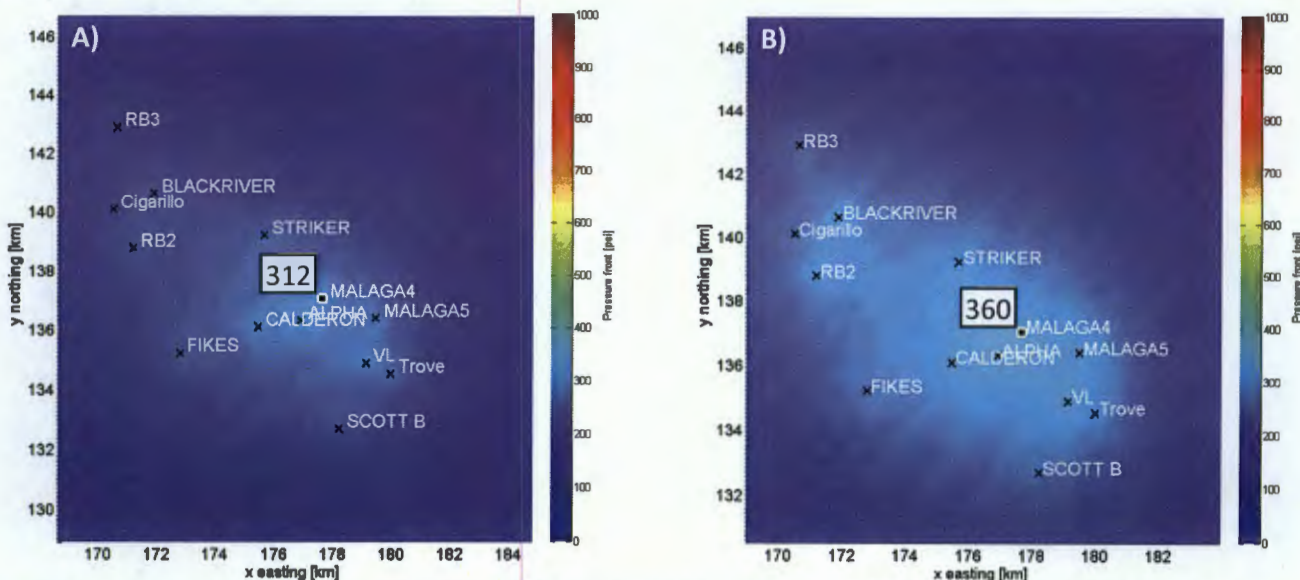


Figure 3: Modeled reservoir pressure increase for Case #1 (A) and Case #2 (B). Values at the Malaga #4 location are shown in the text box in each image.

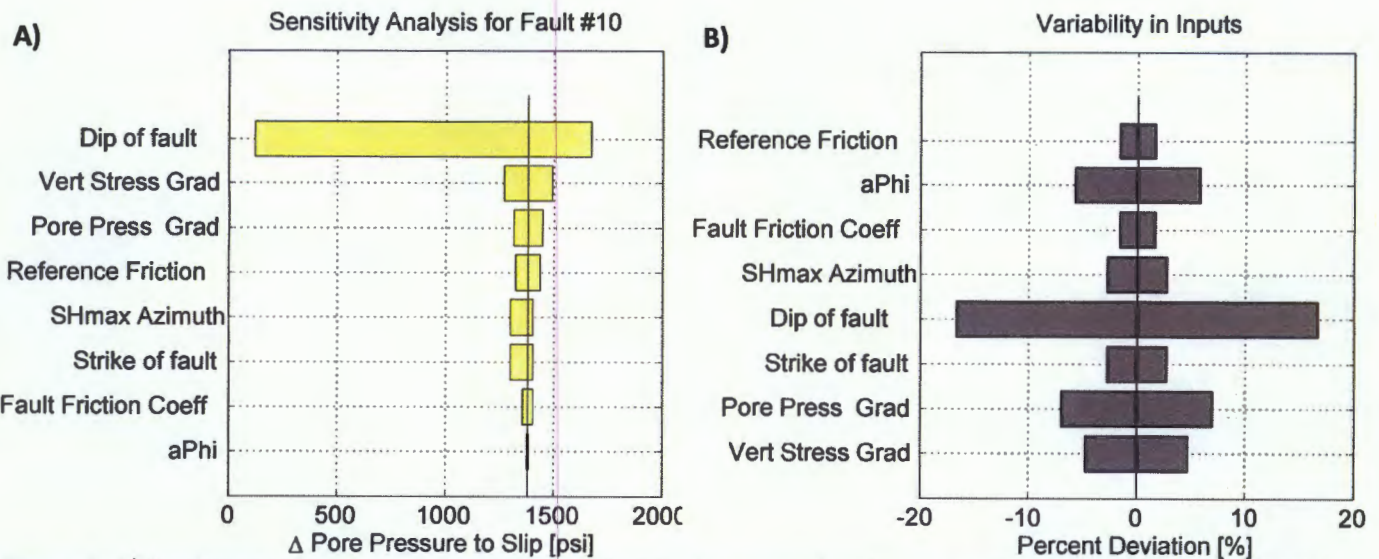


Figure 3: A) Sensitivity to input parameters in probabilistic geomechanical modeling for a randomly selected fault. B) Variability of geomechanical inputs.

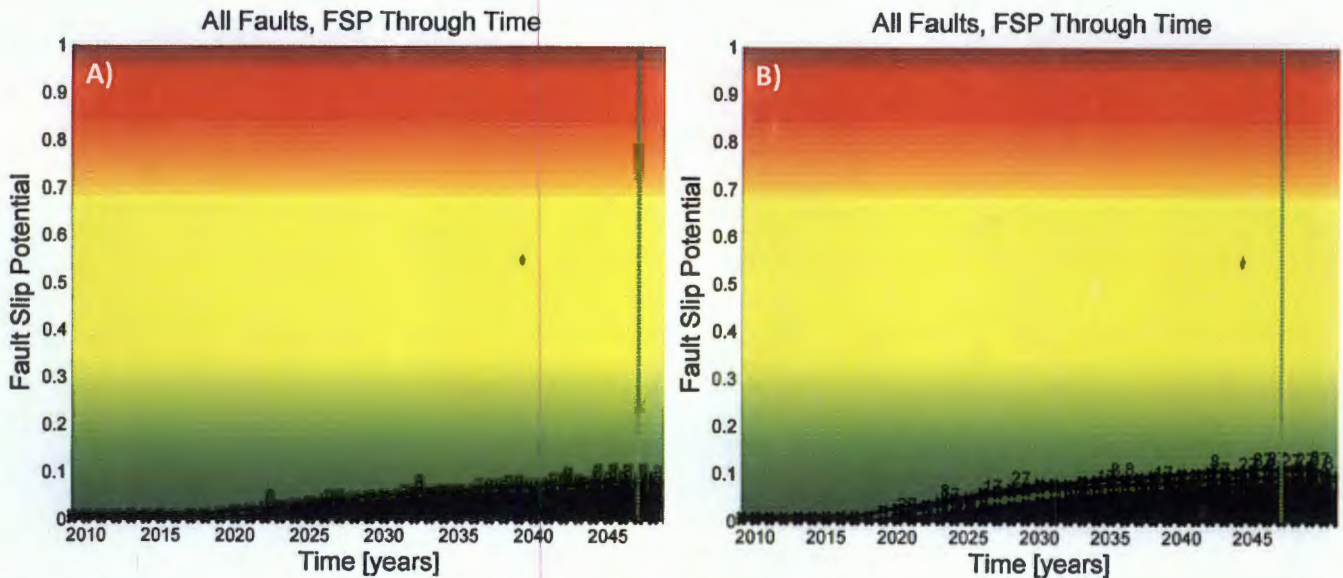


Figure 5: Fault slip probability for Case #1 (A) and Case#2 (B). In model cases the fault slip probability remains below 12%.

References:

Simpson, R. W., 1997, Quantifying Anderson's fault types: *Journal of Geophysical Research*, 102, no. B8, 17909–17919.

Lund Snee, J.-E., and M. D. Zoback, 2018, State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity: *The Leading Edge*, Special Section: Induced seismicity, 127-133

Walsh, F. R. I., M. D. Zoback, D. Pais, M. Weingarten, and T. Tyrell, 2017, FSP 1.0: A program for probabilistic estimation of fault slip potential resulting from fluid injection, <https://scits.stanford.edu/software>.



Oil Conservation Division
Energy, Minerals and Natural Resources Department
State of New Mexico

C-108 Application – Division Supplemental Documents

Protest Record

Applicant: Black River Management Company

Application: pMAM1802953901 / Case No. 16130 / Hearing Order No. R-14715

Well: Malaga SWD No. 4

Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Thursday, May 3, 2018 7:34 PM
To: Goetze, Phillip, EMNRD
Cc: Jones, William V, EMNRD; McMillan, Michael, EMNRD; Brooks, David K, EMNRD; Dawson, Scott, EMNRD; Lowe, Leonard, EMNRD
Subject: Re: C-108 Applications for the Malaga SWD No. 4 and No. 5: Determination of the Protest Filing Date

Thank you, Phil.

Adam G. Rankin
Holland & Hart LLP

On May 3, 2018, at 3:52 PM, Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us> wrote:

RE: C-108 Applications for the Malaga SWD No. 4 (30-015-44514) and the Malaga SWD No. 5 (30-015-44571)

Adam:

You requested a formal determination on the end of the protest period for the two Malaga wells. First the Division's rules on the subject:

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 15 OIL AND GAS
PART 26 INJECTION

19.15.26.8 INJECTION OF FLUIDS INTO RESERVOIRS:

B. Method of making application.

(1) The operator shall apply for authority to inject gas, liquefied petroleum gas, air, water or other medium into a formation for any reason, including the establishment of or the expansion of water flood projects, enhanced recovery projects, pressure maintenance projects or salt water disposal, by submitting form C-108 complete with all attachments to the division.

(2) The applicant shall furnish, by certified or registered mail, a copy of the application to each owner of the land surface on which each injection or disposal well is to be located and to each leasehold operator or other affected person within any tract wholly or partially contained within one-half mile of the well.

C. Administrative approval.

(1) If the application is for administrative approval rather than for a hearing, it shall be accompanied by a copy of a legal notice the applicant published in a newspaper of general circulation in the county in which the proposed injection well is located. The legal notice shall include:

(a) the applicant's name, address, phone number and contact party;
(b) the injection well's intended purpose, with the exact location of single wells or the section, township and range location of multiple wells;

(c) the formation name and depth with expected maximum injection rates and pressures; and

(d) a notation that interested parties shall file objections or requests for hearing with the division within 15 days.

(2) The division shall not approve an application for administrative approval until 15 days following the division's receipt of form C-108 complete with all attachments including evidence of mailing as required under Paragraph (2) of Subsection B of 19.15.26.8 NMAC and proof of publication as required by Paragraph (1) of Subsection C of 19.15.26.8 NMAC.

(3) If the division does not receive an objection within the 15-day period, and a hearing is not otherwise required, the division may approve the application administratively.

D. Hearings. If a written objection to an application for administrative approval of an injection well is filed within 15 days after receipt of a complete application, if 19.15.26.8 NMAC requires a hearing or if the director deems a hearing advisable, the division shall set the application for hearing and give notice of the hearing.

The Division did make the request to expand the notice based on recent evidence of other Devonian wells proposed for injection in excess of 25,000 BWPD. The rules are quite cumbersome when it defines the end of the 15-day protest, but I would interpret 19.15.26.8(C)(2) NMAC and 19.15.26.8(D) NMAC as defining the protest period as "15 days following the division's receipt of form C-108 complete with all attachments" with written objects being acceptable if "filed within 15 days after receipt of a complete application". The determination of Division's receipt of form C-108 complete with all attachments would be based on the submittal record provided in the e-mails with attachments for the respective applications based on the following observations:

- Last submittal for the Malaga SWD No. 4 (30-015-44514): Holland & Hart e-mail dated 4/20/2018; 1:41 PM (Supplemental AOR review) Last day of 15-day period: May 5, 2018
- Last submittal for the Malaga SWD No. 5 (30-015-44571): Holland & Hart e-mail dated 4/23/2018; 3:11 PM (Update narrative for Sections V & VI review) Last day of 15-day period: May 8, 2018

Based on this interpretation, then the three protests qualify for having been submitted prior to the end of the 15-day period. This assessment did not include any input from Mr. Brooks. However, I would that Black River out to discuss the situation with Trove. The presentation and the expertise provided by Matador in support of the Malaga wells was very substantial and may resolve any of Trove's concerns about a common Devonian reservoir. I am available Monday to discuss any content of this communication. 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

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FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V16.2]

DATE RECORD: First Rec: 01/29/18 Admin Complete: 04/20/18 or Suspended: 05/04/18 Add. Request/Reply:
ORDER TYPE: WFX / PMX / SWD Number: 1738 Order Date: 06/13/18 Legacy Permits/Orders: see R-14715

Well No. 4 Well Name(s): Malaga SWD

API: 30-0 15-44514 Spud Date: TBD/Requested New or Old (EPA): New (UIC Class II Primacy 03/07/1982)

Footages 1489' FNL/490' FWL Lot - or Unit E Sec 11 Tsp 24S Rge 28E County Eddy

General Location: South of Loring/East of 285 Pool: SWD, Devonian Pool No.: 96106

BLM 100K Map: Carlsbad Operator: Black River Water Management Co. LLC OGRID: 371287 Contact: B. Wood/Permits West

COMPLIANCE RULE 5.9: Total Wells: 5 Inactive: 0 Fincl Assur: OK Compl. Order? No IS 5.9 OK? Yes Date: 06/13/18

WELL FILE REVIEWED Current Status: APD approved

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

Planned Rehab Work to Well:

Table with columns: Well Construction Details, Sizes (in) Borehole / Pipe, Setting Depths (ft), Cement Sx or Cf, Cement Top and Determination Method. Includes rows for Surface, Intern Prod, Prod Liner, and OH/PERF.

AOR: Hydrologic and Geologic Information section containing fields for POTASH, FRESH WATER, NMOSE Basin, Disposal Fluid, Disposal Interval, HC Potential, and AOR Wells.

NOTICE: Newspaper Date 04-13-18 Mineral Owner Fee Surface Owner Fee/Black River N. Date 04/16/18
RULE 26.7(A): Identified Tracts? Yes Affected Persons: See notice/publication N. Date 04/16/18

Order Conditions: Issues: Cement tie-in / toe for 95/8 / HC potential / uncirculated cement
Additional COAs: Mudlog with formation picks; circulated or CBL; CBL for top of amt for 95/8

Township 24 South Range 28 East of the New Mexico Principal Meridian, New Mexico

County: Eddy - 015

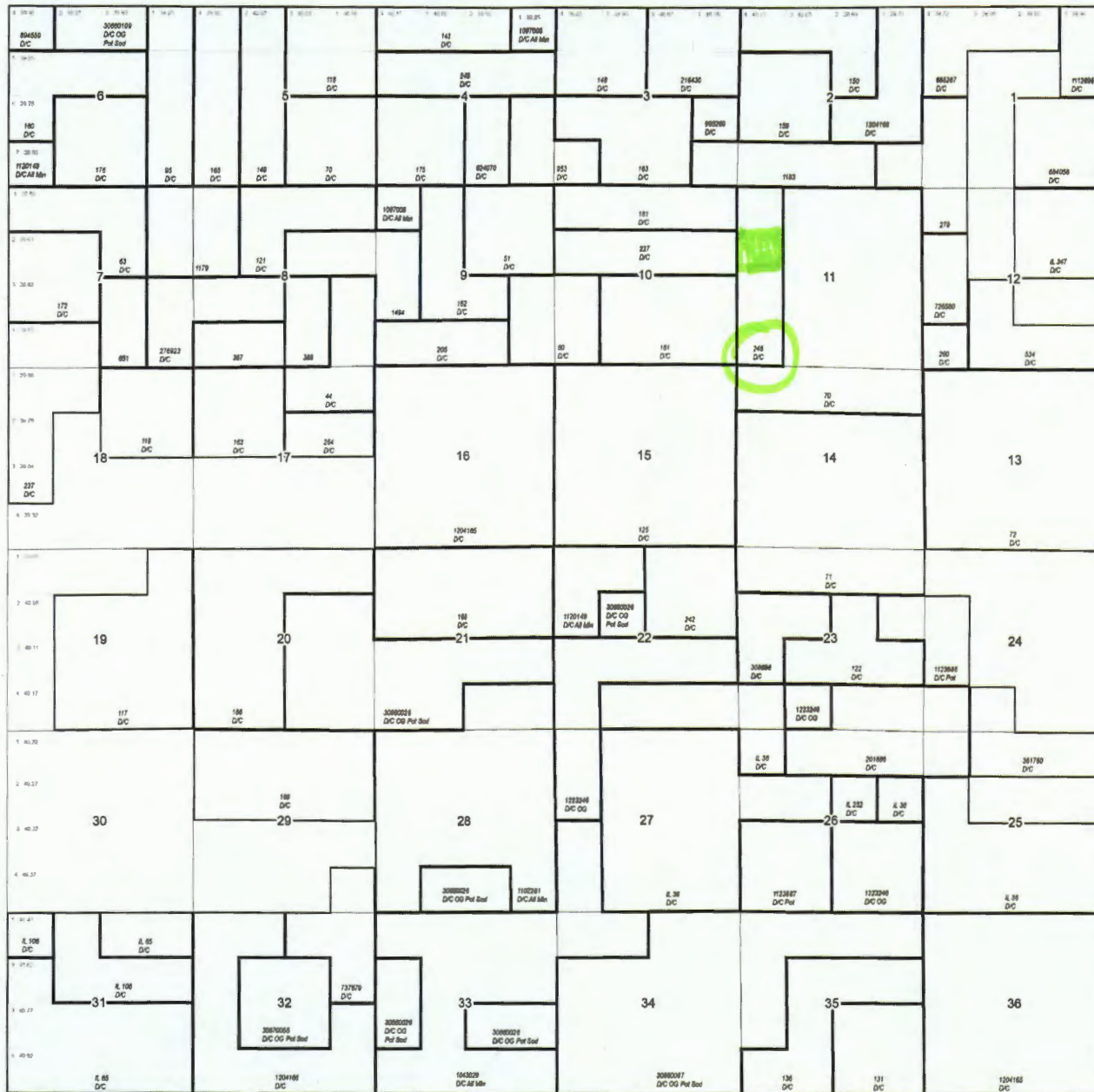
BLM Field Office: Carlsbad

BUREAU OF LAND MANAGEMENT
STATUS OF PUBLIC DOMAIN
LAND AND MINERALS

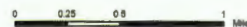
MTP

T24S R28E

CI of Public Lands NM 0560202 (CI No 30-06-01)



NOTE: The Serial Numbers displayed are in the Bureau's LR2009 system format.
- If there is a zero in the 7th position (from the right), the serial number has a "pre-fix" zero; example 88 0012345.
- If there is not a zero in the 7th position (from the right) then the serial number does not have a "pre-fix" zero; example 88 012345.



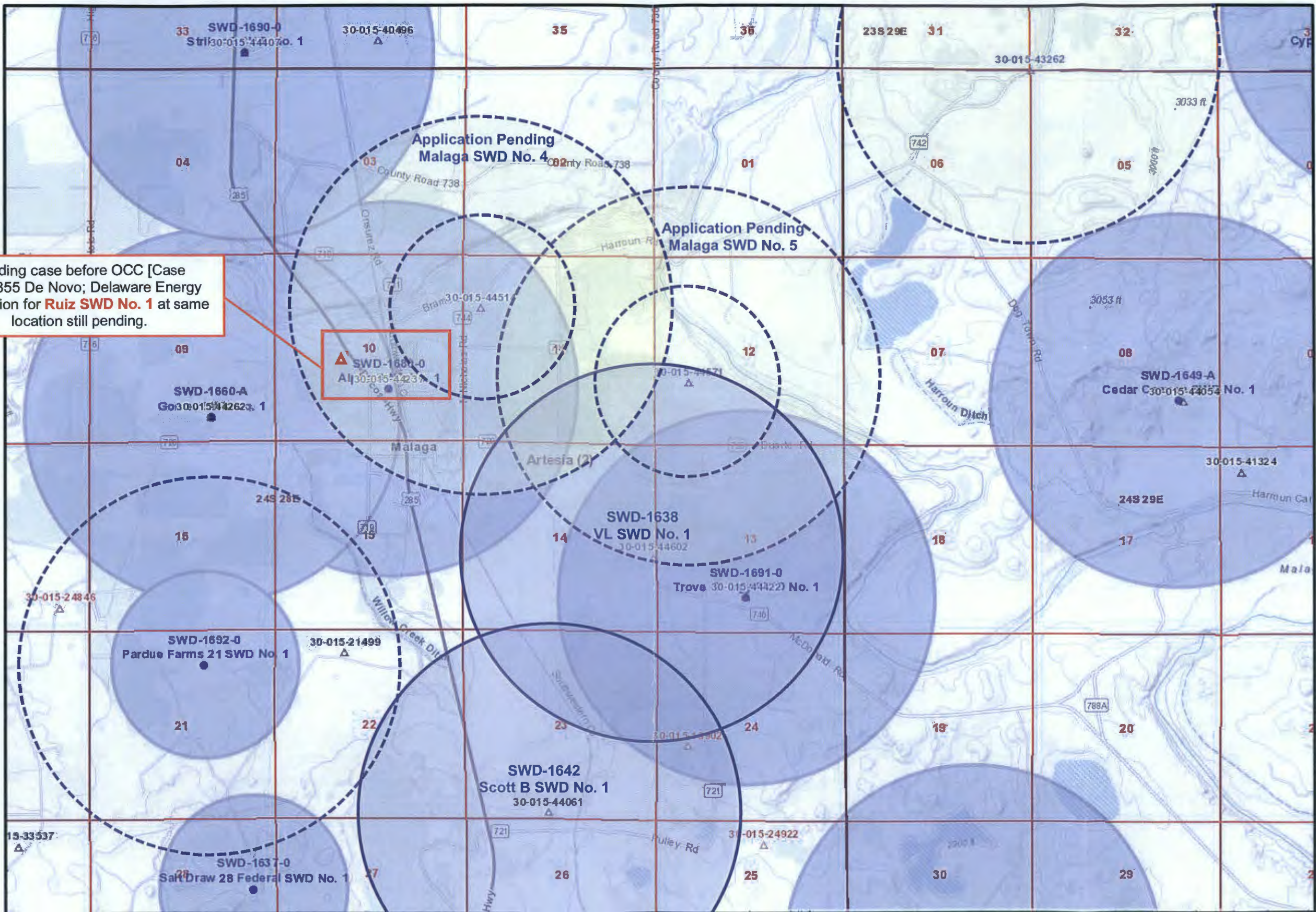
1 inch = 30 chains
1 : 23,760

CAVEAT STATEMENT

This plat is the Bureau's Record of Title, and should be used only as a graphic display of the township survey data. Records herein do not reflect title changes which may have been affected by lateral movements of rivers or other bodies of water. Refer to the cadastral surveys for official survey information.

T 24 S
R 28 E
NMPM

Map Showing Existing and Proposed SWD Wells Near Malaga (Purple Sage Wolfcamp)



Pending case before OCC [Case No.15855 De Novo; Delaware Energy application for **Ruiz SWD No. 1** at same location still pending.]

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 ▲ SWD-1680-0
 Al 30-015-44231 No. 1