

RECEIVED: 2/26/2018	REVIEWER: <i>[Signature]</i>	TYPE: SWD	APP NO: PMA-1805746724
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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



*915
detelats*

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Black River Water Management Company, LLC	OGRID Number: 371287
Well Name: Malaga SWD 5	API: 30-025-44571
Pool: SWD; Devonian	Pool Code: 96101

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

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location - Spacing Unit - Simultaneous Dedication
- ☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD
- B. Check one only for [I] or [II]
- [I] Commingling - Storage - Measurement
- ☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
- ☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

SWD

- 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

FEB 26 2018 AM 08:05

FOR OCD ONLY

☐ Notice Complete

☐ Application Content Complete

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

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

Brian Wood

Print or Type Name

[Signature]

Signature

2-24-18

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 5
30-015-44571
(Devonian (96101))
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN WOOD  TITLE: CONSULTANT
SIGNATURE: _____ DATE: JAN. 31, 2018
E-MAIL ADDRESS: brian@permitswest.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

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

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

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

INJECTION WELL DATA SHEET

OPERATOR: BLACK RIVER WATER MANAGEMENT COMPANY, LLC

WELL NAME & NUMBER: MALAGA SWD 5

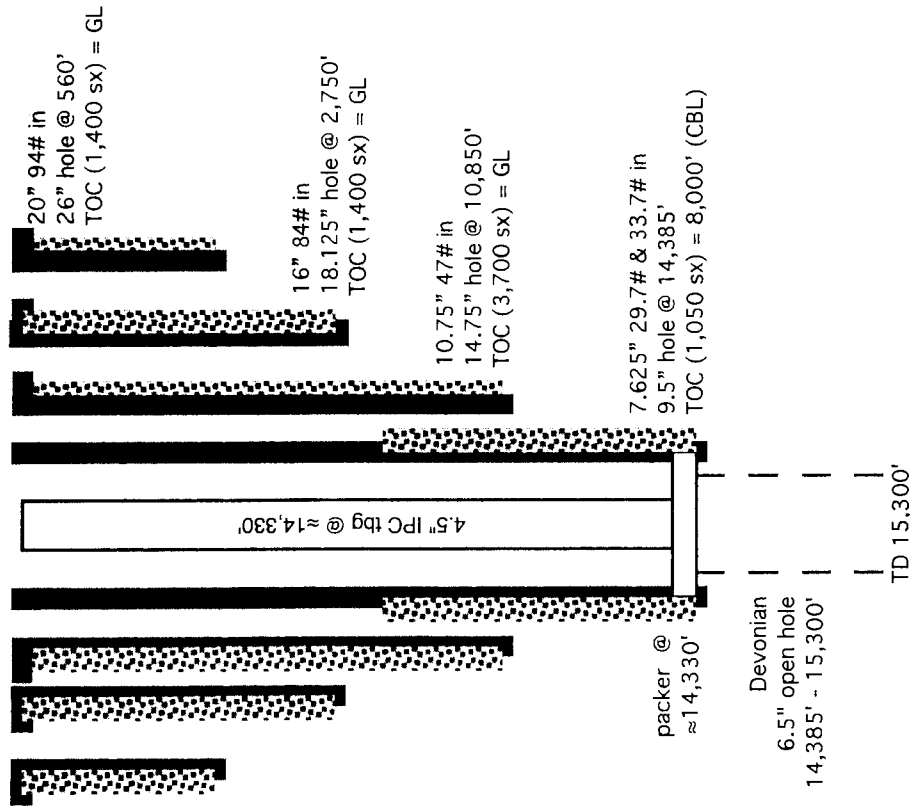
WELL LOCATION: 1779' FSL & 975' FWL

UNIT LETTER L SECTION 12 TOWNSHIP 24 S RANGE 28 E

FOOTAGE LOCATION

WELLBORE SCHEMATIC

(not to scale)

WELL CONSTRUCTION DATASurface Casing

Hole Size: 26" Casing Size: 20" ft³
Cemented with: 1400 sx. or
Top of Cement: SURFACE Method Determined: VISUAL

Intermediate Casing

Hole Size: 18.125" & 14.75" Casing Size: 16" & 10.75" ft³
Cemented with: 1,400 & 3,700 sx. or
Top of Cement: SURFACE Method Determined: VISUAL

Production Casing

Hole Size: 9.5" Casing Size: 7.625" @ 14,385' ft³
Cemented with: 1,050 sx. or
Top of Cement: 8,000' Method Determined: CBL
Total Depth: 14,385'

Injection Interval

14,385' feet to 15,300'

(Perforated or Open Hole; indicate which)
■■■■■■■■■■

INJECTION WELL DATA SHEETTubing Size: 4.5" Lining Material: IPCType of Packer: STAINLESS STEEL &/OR NICKELPacker Setting Depth: ≈14,330'Other Type of Tubing/Casing Seal (if applicable): Additional Data1. 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: DEVONIAN3. 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. NO5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: OVER: DELAWARE (2716'), BONE SPRING (6405'), WOLFCAMP (9590'),
ATOKA (11822'), & MORROW (12409')UNDER: none

BLACK RIVER WATER MANAGEMENT COMPANY, LLC
MALAGA SWD 5
1779' FSL & 975' FWL
SEC. 12, T. 24 S., R. 28 E., EDDY COUNTY, NM

PAGE 1

30-015-44571

I. Goal is to drill a 15,300' deep commercial saltwater disposal well. Proposed disposal interval will be 14,385' – 15,300' 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 5
Location: 1779' FSL & 975' FWL, Section 12, T. 43 S., R. 28 E.

A. (2) Surface casing (20", 94#, K-55, BTC) will be set at 560' in a 26" hole and cemented to GL with 1400 sacks.

First intermediate casing (16", 84#, N-80, BTC) will be set at 2,750' in an 18.125" hole and cemented to GL with 1,400 sacks.

Second intermediate casing (10.75", 47#, P-110 HC) will be set at 10,850' in a 14.75" hole and cemented to GL 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 14,385') will be set at 14,385' in a 9.5" hole and cemented to 8,000' (CBL) with 1,050 sacks.

A 6.5" open hole will be drilled to 15,300'.

A. (3) Tubing will be IPC, 4.5", 11.6#, P-110, IC, BTC. Setting depth will be ≈14,330'. (Disposal interval will be 14,385' to 15,300').

- A. (4) A stainless steel and/or nickel packer will be set at $\approx 14,330'$ (or $\leq 100'$ above the top of the open hole which will be at 14,385').
- 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 14,385' to 15,300'.
- 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) Four zones produce in the area of review and above the Devonian (14,381'). Those zones and their tops are the Brushy Canyon (4,779'), Bone Spring (6,405'), Wolfcamp (9,590'), and Atoka (11,822'). There was an unsuccessful Bell Canyon test (2,716'). 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 13 existing wells + 4 approved wells within a half-mile radius. None of the 17 wells did, or will, penetrate the Devonian. Exhibit C shows all 198 existing wells (110 oil or gas wells + 50 P & A wells + 33 water wells + 5 injection or disposal wells) within a two-mile radius.

All land within a half-mile radius is leased. Leases within a half-mile radius include BLM, fee, and NMSLO. Exhibits D & E show all leases within a half-mile and two-mile radius.

VI. No Devonian penetrator is within a half-mile. Deepest (13,020' TVD) well (30-015-24300) within a half-mile bottomed in the Morrow, 1361' above the Devonian.

- VII. 1. Average injection rate will be \approx 40,000 bwpd.
Maximum injection rate will be \approx 50,000 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 2,877 psi ($= 0.2$ psi/foot \times 14,385' (top of open hole)).
4. Disposal water will be produced water, mainly from Bone Spring and Wolfcamp wells. There are 361 approved Bone Spring wells and 225 approved Purple Sage; 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), 5 miles WNW, which has disposed of over 3,007,539 bbl in the Devonian in 2 years.

5. Closest Devonian producer (30-015-29252) was 17 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), 15 water wells are within a mile, deepest of which is 200'. None of the 15 wells were flowing during a November 21-22, 2017 inspection. (Domestic wells were

abandoned years ago when a domestic municipal water system was installed. Irrigation wells were turned off at the end of irrigation season.) However, two wells were sampled on July 27, 2017. One well is 5/8 mile northwest and the other is 1-1/3 mile northwest of Malaga SWD 5. No underground source of drinking water is below the proposed disposal interval.

Formation tops are:

Quaternary = 0'
Lamar (base of salt) = 2667'
Bell Canyon = 2715'
Cherry Canyon = 3621'
Brushy Canyon = 4779'
Bone Spring limestone = 6405'
Wolfcamp = 9590'
Strawn = 11538'
Atoka = 11822'
Morrow = 12409'
Barnett = 13651'
Mississippian limestone = 13771'
Woodford shale = 14223'
Devonian carbonate = 14381'
disposal interval = 14385' - 15300'
TD = 15300'
(Montoya = 15381')

Fifteen water wells are within a 1-mile radius according to State Engineer records (Exhibit G), deepest of which is 200'. 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. Well will be stimulated with acid.

X. A CBL will be run from production casing setting depth to TOC (planned for 8,000'). Gamma ray log will be run from the second intermediate to TD.

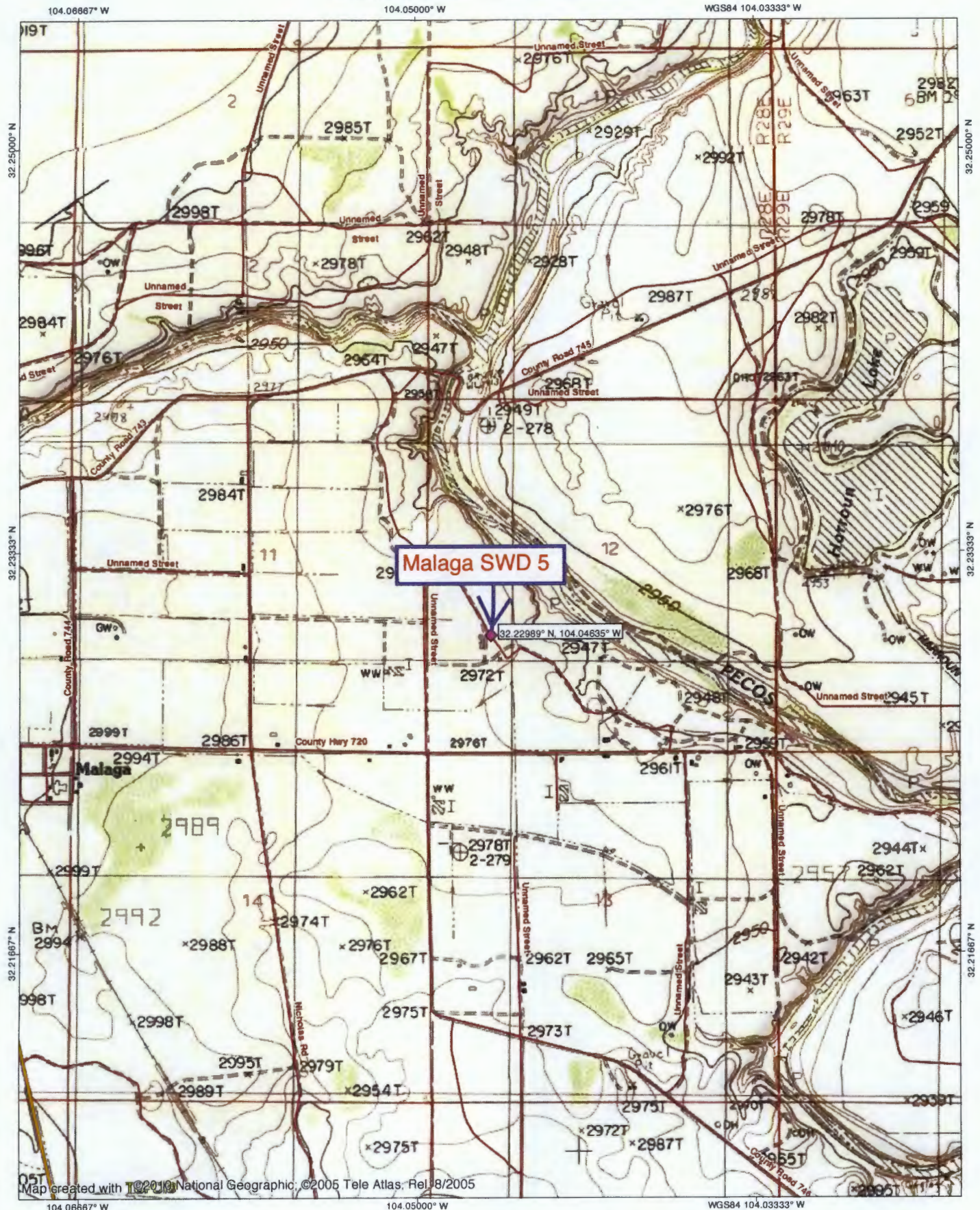
XI. Two water wells within 1-1/3 miles were sampled (Exhibit G) during a July 27, 2017 field inspection. ✓

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 reported water well within a 2-mile radius in State Engineer records is 2797'. It is one of 4 oil wells that were drilled in 1952-53 and reported to the State Engineer. Total depths were from 2726' to 2797'. The driller reported water bearing strata to the State Engineer. Water bearing strata were encountered from 110' to 300'. The State Engineer shows all four well records as "Closed". Three of the wells are now P&A. The fourth is shown as Active by NMOCD, but last ✓ produced oil in 2013.

There are 186 approved Devonian saltwater disposal wells and 10 approved Devonian water injection wells in New Mexico. Closest Quaternary fault is ≈54 miles southwest (Exhibit H).

XIII. A legal ad (see Exhibit I) was published on November 22, 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.



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

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

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-	² Pool Code 96101	³ Pool Name SWD; Devonian
⁴ Property Code	⁵ Property Name MALAGA SWD	⁶ Well Number #5
⁷ GRID No. 371287	⁸ Operator Name BLACK RIVER WATER MANAGEMENT COMPANY, LLC.	⁹ Elevation 2976'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	24-S	28-E	-	1779'	SOUTH	975'	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	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

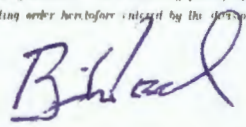
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION
NEW MEXICO EAST
NAD 1927
X=588891
Y=447431
LAT.: N 32.2297778
LONG.: W 104.0458655
NAD 1983
X=630074
Y=447490
LAT.: N 32.2298997
LONG.: W 104.0463569

975'

1779'

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.


11-21-17
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.


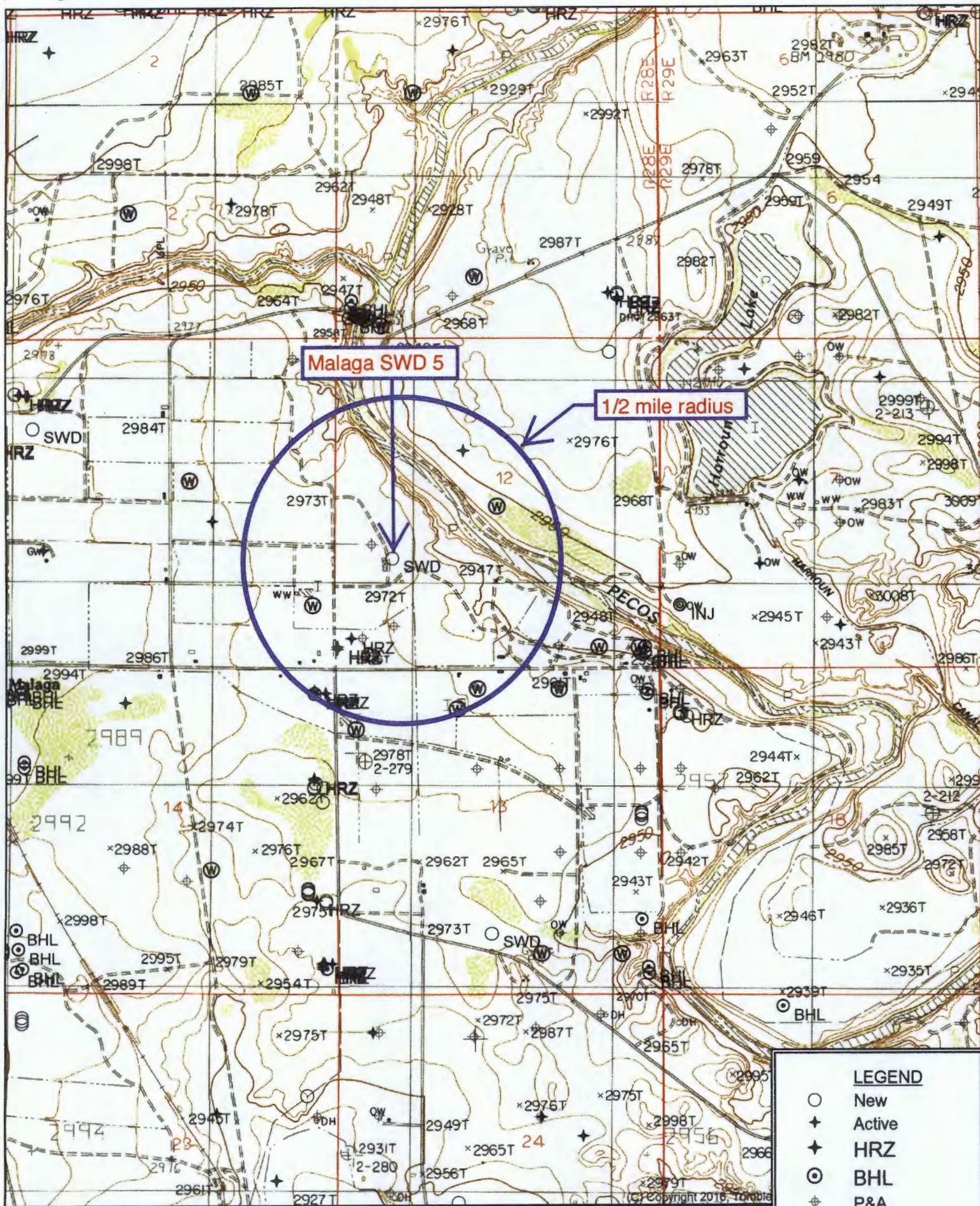
11/21/2017
Date of Survey

Signature and Seal of Professional Surveyor
Certificate Number

EXHIBIT A



Malaga SWD 5

1/2 mile radius

SWD

LEGEND

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

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

EXHIBIT B

SORTED BY DISTANCE FROM MALAGA SWD 5

API	OPERATOR	T24S-R28E UNIT- SECTION	TVD	WELL	WELL STATUS	ZONE	FEET FROM MALAGA SWD 5
3001523839	Dinero	L-12	7151	McNutt 001	P&A	Bone Spring	403
3001524945	Devon	M-12	12900	Burkham Federal Com 001	P&A	Malaga; Atoka (Gas)	1109
3001524433	Bettis Boyal & Stovall	M-12	6200	Duarte 001	P&A	Und. Malaga Delaware	1395
3001543419	Mewbourne	M-12	8409	Journey 12 B2MP Fee 001H	O	Malaga; Bone Spring, N	1539
3001543172	Mewbourne	M-12	Plan 15287 (MD)	Journey 12 W2MD Fee 001H	G	Culebra Bluff; Wolfcamp, S	1660
3001543171	Mewbourne	M-12	Plan 12973 (MD)	Journey 12 B2MD Fee 001H	O	Culebra Bluff; Wolfcamp, S	1678
3001543845	Mewbourne	M-12	10759	Journey 12 W2MP Fee Com 002H	G	Purple Sage; Wolfcamp (Gas)	1756
3001543846	Mewbourne	M-12	9775	Journey 12 W0MP Fee Com 003H	G	Purple Sage; Wolfcamp (Gas)	1774
3001524300	COG	F-12	13020	Fortson Federal Com 001	G	Malaga; Atoka (Gas)	2085
3001502496	DeKalb	C-13	2910	James & Landrum 001	P&A	Malaga	2500
3001543993	Matador	D-11 (BHL)	9648	Guitar 10 24 28 RB 205H	G	Purple Sage; Wolfcamp (Gas)	2523 (BHL)
3001543463	Matador	A-14	9758	Janie Conner 13 24S 28E RB 201H	G	Pierce Crossing; Wolfcamp, NW (Gas)	2559
3001543756	Matador	A-14	10761	Janie Conner 13 24S 28E RB 221H	G	Pierce Crossing; Wolfcamp, NW (Gas)	2575
3001543870	Matador	A-14	Plan 13160 (MD)	Janie Conner 13 24S 28E RB 121H	O	Pierce Crossing; Bone Spring	2601
3001544163	Matador	A-14	10634	Tiger 14 24S 28E RB 221H	G	Purple Sage; Wolfcamp (Gas)	2602
3001544162	Matador	A-14	9275	Tiger 14 24S 28E RB 201H	G	Purple Sage; Wolfcamp (Gas)	2618



Malaga SWD 5

2 mile radius

LEGEND

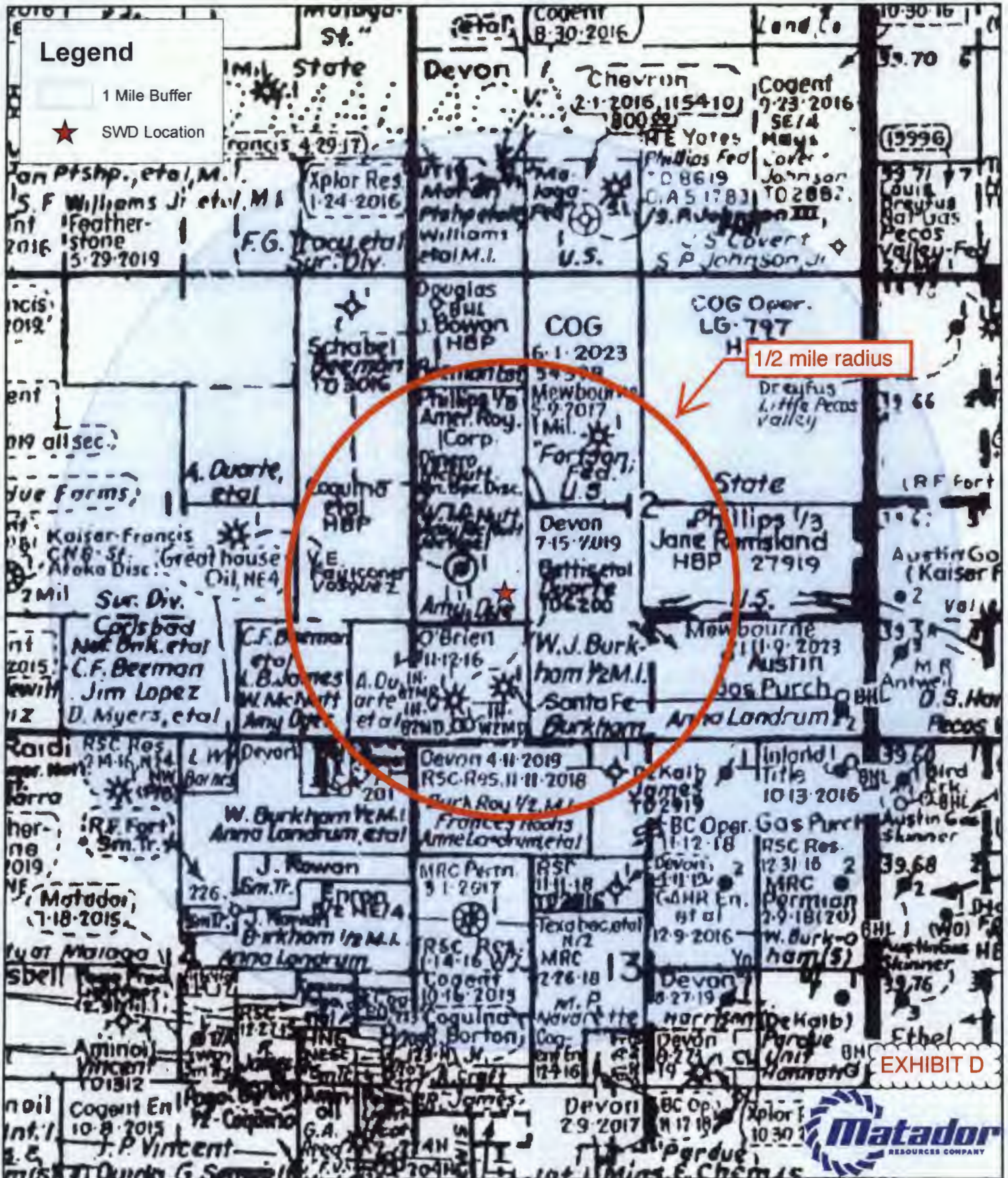
- New
- ✦ Active
- ✦ HRZ
- ⊙ BHL
- ⊕ P&A
- ⊙ INJ
- ⊙ SWD
- W Water

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

EXHIBIT C

Malaga SWD #5

12-24S-28E



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

1:18,000

1 inch = 1,500 feet

Southeast New Mexico

Map Prepared by: AGreen

Date: November 13, 2017

Filename: RBSWD5

Coordinate System: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Projection: Transverse Mercator; Datum: North American 1983; Units: Foot US

Sources: IHS; ESRI;



OPERATOR STATUS



Legend

- 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

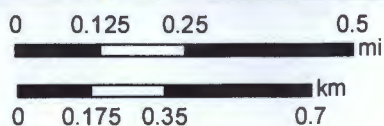
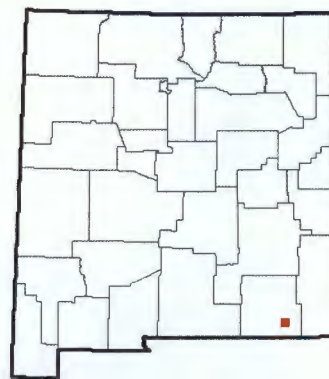


EXHIBIT D

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.

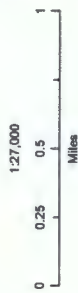


Black River Water Management Company, LLC

Proposed Malaga SWD #5 2 Mile Mineral Ownership Map

Section 12, 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 Permita West, Inc., January 15, 2018
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

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number:	Santa Fe Fed 4 WH	30-015-27030	Sample Temp:	70
Lease:	RKI	H-35-22s-28e	Date Sampled:	3/18/2014
Location:	WC20874		Sampled by:	Wade Havens
Date Run:	4/8/2014		Employee #:	
Lab Ref #:	14-apr-h14284		Analyzed by:	GR

K=1,289.47 ppm

Dissolved Gases

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

Cations

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

Anions

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

pH 6.180 Specific Gravity 60/60 F. 1.147

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

CaCO₃ Scale Index

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

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

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

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

Dissolved Gases

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

Cations

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

Anions

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

pH 6.660 Specific Gravity 60/60 F. 1.115

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

CaCO₃ Scale Index

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

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Longview Deep Fed 31-31 **30-015-37604**
Lease: RKI **L-31-22s-29e**
Location: WC20907
Date Run: 4/8/2014
Lab Ref #: 14-apr-h14274
K=516.70 ppm

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

Dissolved Gases

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

Cations

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

Anions

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

pH 6.890 Specific Gravity 60/60 F. 1.077

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

CaCO₃ Scale Index

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

RKI Exploration & Prod., LLC

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

Wolfcamp Produced Water

WadeCo Specialties, LLC

EXHIBIT F

MITCHELL ANALYTICAL LABORATORY

2638 Faudree
Odessa, Texas 79765-8538
561-5579

Company: **WadeCo Specialties, LLC**

Well Number: Longview Deep Fed 6-41
Lease: RKI
Location: WC20908
Date Run: 4/8/2014
Lab Ref #: 14-apr-h14272
K=101.49 ppm

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

Dissolved Gases

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

Cations

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

Anions

Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO ₃ =)	.00	30.00	.00
BiCarbonate	(HCO ₃ -)	611.00	61.10	10.00
Sulfate	(SO ₄ =)	.00	48.80	.00
Chloride	(Cl-)	33,036.30	35.50	930.60

Total Iron	(Fe)	1.49	18.60	.08
Total Dissolved Solids		54,903.06		
Total Hardness as CaCO ₃		6,140.85		
Conductivity MICROMHOS/CM		84,500		

pH 6.810 Specific Gravity 60/60 F. 1.038

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

CaCO₃ Scale Index

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

RKI Exploration & Prod., LLC

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

Morrow Produced Water

WadeCo Specialties, LLC

EXHIBIT F



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		Q Q Q										Water					
POD Number	Code	Sub-basin	County	64	16	4	Sec	Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water Column	
C 00574			ED	2	4	4	11	24S	28E	589452	3566081*		465	200	20	180	
C 01747			ED				12	24S	28E	590367	3566577*		575	176	139	37	
C 00464			ED	2	2	1	13	24S	28E	590277	3565674*		768	111	28	83	
C 00903		C	ED		2	1	13	24S	28E	590178	3565575*		808	57	30	27	
C 00738			ED	3	1	1	13	24S	28E	589673	3565472*		863	125	12	113	
C 00329		C	ED	2	1	2	13	24S	28E	590682	3565677*		1045	95	30	65	
C 00684			ED	2	1	2	13	24S	28E	590682	3565677*		1045	95	40	55	
C 01154		C	ED	2	1	2	13	24S	28E	590682	3565677*		1045	95	50	45	
C 01082			ED	3	3	2	11	24S	28E	588832	3566693*		1089	120			
C 00618		C	ED	3	4	4	12	24S	28E	590880	3565885*		1112	80	40	40	
C 03862 POD5		CUB	ED	4	3	3	01	24S	28E	589785	3567458		1144	17	10	7	
C 03862 POD4		CUB	ED	3	3	3	01	24S	28E	589705	3567490		1184	30	10	20	
C 03862 POD3		CUB	ED	3	3	3	01	24S	28E	589685	3567500		1196	60	10	50	
C 03862 POD1		CUB	ED	3	3	3	01	24S	28E	589672	3567505		1203	17	10	7	
C 03862 POD2		CUB	ED	3	3	3	01	24S	28E	589665	3567507		1206	30	10	20	
C 00983		C	ED	4	4	4	12	24S	28E	591080	3565885*		1299	92	40	52	
C 02184		C	ED	2	4	3	01	24S	28E	590248	3567700*		1438	87	60	27	
C 00750			ED	1	2	4	13	24S	28E	590898	3564871*		1782	110			
C 02057		C	ED		1	4	14	24S	28E	588956	3564774*		1784	126	52	74	
C 02713		C	ED	4	4	1	16	24S	29E	591633	3565944		1817	230	18	212	
C 00381		C	C	ED	3	2	3	07	24S	29E	591682	3566297*		1828	2797		
C 00353		C	C	ED		3	4	13	24S	28E	590603	3564367*		2087	2726		
C 02524 POD2		C	ED	2	2	2	15	24S	28E	587814	3565690*		2133	90	11	79	
C 00511		C	ED		2	3	02	24S	28E	588518	3568001*		2150	268	140	128	
C 00349		C	CUB	ED		1	3	18	24S	29E	591401	3564773*		2184	2734		
C 00346		C	ED		2	2	15	24S	28E	587715	3565591*		2258	90	32	58	
C 00354		C	C	ED		4	4	13	24S	28E	591005	3564367*		2263	2739		
C 02198		C	ED			1	01	24S	28E	589940	3568611*		2296	78			
C 02186		C	ED			2	02	24S	28E	589128	3568606*		2402	100	55	45	
C 00488		C	ED	2	1	2	15	24S	28E	587412	3565688*		2521	64	8	56	

1610 m
= 1 mile

EXHIBIT G

1610 m
= 1 mile

EXHIBIT G

C_03132	C	ED	1	2	4	15	24S	28E	587616	3564877*		2660	90	19	71
C_00890		ED	3	3	4	10	24S	28E	587211	3565897*		2676	50		
C_01442	C	ED		1	2	10	24S	28E	587298	3567199*		2704	100		
C_01237	C	ED	1	1	2	10	24S	28E	587197	3567298*		2832	123		
C_03615 POD1	CUB	ED	1	3	2	06	24S	29E	591964	3568500		3036	60	36	24

Average Depth to Water: **36 feet**

Minimum Depth: **8 feet**

Maximum Depth: **140 feet**

Record Count: 35

UTMNAD83 Radius Search (in meters):

Easting (X): 589854

Northing (Y): 3566316

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.

11/11/17 3:48 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER

EXHIBIT G

588000m E. 589000m E. 590000m E. 591000m E. WGS84 Zone 13S 592000m E.



TN * MN
7°
11/11/17

Analytical Report

Lab Order 1708112

Date Reported: 8/9/2017

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

Page 1 of 5

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.
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

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.
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

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

Page 5 of 5

EXHIBIT G

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

November 17, 2017

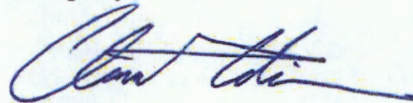
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
David.Catanach@state.nm.us

**Re: Geology Statement
 Malaga SWD #5 ("the Well")
 Section 12, 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 14,381', and any underground sources of drinking water has been found.

Sincerely,
Black River Water Management
Company, LLC



Clark Collier

EXHIBIT H

Malaqa SWD 5

32.222989, -104.04635

54 miles

Quaternary faults



Affidavit of Publication

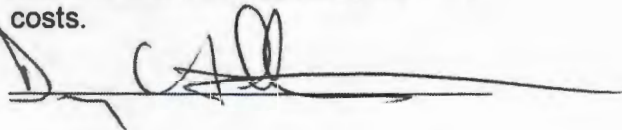
State of New Mexico,
County of Eddy, ss.

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

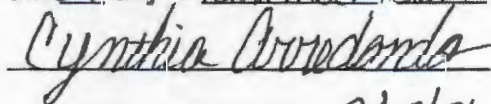
That he is the Publisher of the
Carlsbad Current-Argus, a
newspaper published daily at the
City of Carlsbad, in said county of
Eddy, state of New Mexico and of
general paid circulation in said
county; that the same is a duly
qualified newspaper under the laws
of the State wherein legal notices
and advertisements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

November 22 2017

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



Subscribed and sworn to before me
this 29 day of November, 2017



My commission Expires 2/13/21

Notary Public



November 22, 2017

Black River Water Management Company, LLC is applying to drill the Malaga SWD 5 as a saltwater disposal well. The well is staked at 1779 FSL & 975 FWL Sec. 12, T. 24 S., R. 28 E., Eddy County and is 1-1/2 mile east-northeast of Malaga, NM. Disposal will be in the Devonian from 14,385' to 15,300'. Maximum injection pressure will be 2,877 psi. Maximum disposal rate will be 50,000 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.

EXHIBIT I

PERMITS WEST, INC.
PROVIDING PERMITS for LAND USERS
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 31, 2018

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

TYPICAL LETTER

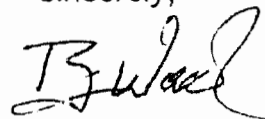
Black River Water Management Company, LLC is applying (see attached application) to drill the Malaga SWD 5 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

Well Name: Malaga SWD 5 (fee lease) TD = 15,300'
Proposed Disposal Zone: Devonian (from 14,385' to 15,300')
Location: 1779' FSL & 975' FWL Sec. 12, T. 24 S., R. 28 E., Eddy County, NM
Approximate Location: 1-1/2 mile east-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

EXHIBIT J

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Sent To: Jane Dillard Trust
PO Box 423
Midland TX 79702
Malaga SWD 5

City, State, ZIP+4®

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Sent To: SNW Permian, LLC
P.O. Box 101265
Fort Worth, TX 76185
Malaga SWD 5

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Sent To: Thomas A. Sikes
P.O. Box 5279
Austin, TX 78763
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Fort Worth, TX 76185
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4431 Cristy Way
Castro Valley, CA 94546
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Virginia Nevill Hoff Mgmt Trust
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Luscaloosa, AL 35405
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Sent To: Wende Witherspoon Morgan
1720 Southwicke
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Carlsbad, NM 88220-4638
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P.O. Box 2228
Brownwood, Texas 76804
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9102 VICKSBURG, #17
Lubbock, TX 79424
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Sent To: Sharon Guitar Ellis
P.O. Box 106
Snoqualmie Pass, WA 98068
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Sent To: Sally Guitar
10 Woodhaven Circle
Ablene, Texas 79605
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Johnson Trust
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Austin, TX 78704
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Horseshoe Bay, TX 78657
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M. Brad Bennett et ux
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Marie Jeanne Billeaud et ux
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Lafayette, LA 70503-4444
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5400 LBJ Freeway, Suite 1500
Dallas, TX 75240
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Buffalo Gap, Texas 76508
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Red Bluff, CA 96080
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Fort Worth, TX 76109
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PO Box 98
Malaga NM 88263
Malaga SWD 5

Street and Apt. No., or PO Box
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5 Greenway Plaza, #110
Houston TX 77046
Malaga SWD 5

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

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OXY USA WTP, LLC
5 Greenway Plaza, Suite 110
Houston, TX 77046
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5 Greenway Plaza, Suite 110
Houston, TX 77046
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City, State, ZIP+4®

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☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Pardue Limited Company
P.O. Box 2018
Carlsbad, NM 88221
Malaga SWD 5

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

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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
\$

Sent To
Paul Hofer, III & John Hofer, Trustees
of the Laura Jean Hofer Trust
6800 Auto Center Dr.
Van Nuys, CA 91403
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Petroleum Royalty Search, Inc
P.O. Box 11210
Midland, TX 79702
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
PJC Limited Partnership
P.O. Box 1713
Roswell, NM 88202
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Polk Land & Minerals, LP
1101 Butternut
Ablene, TX 79602
Malaga SWD 5

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

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Pressley Hudson Guitar
PO Box 5383
Abilene, TX 79608-5383
Malaga SWD 5

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

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☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Lesli Guita Nichols
P.O. Box 327
Big Spring, Texas 79721
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Kelly Woods Leach
1720 Southwicke
Flowermound, Texas 75022
Malaga SWD 5

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

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Judy Guita Uhey
P.O. Box 632
Elizabethtown, KY 42702
Malaga SWD 5

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

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
JTD, LLC
3413 Shell
Midland, TX 79707
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
JPH Holdings, LP
4400 Arcady
Dallas, Texas 75205
Malaga SWD 5

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

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☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
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Sent To
John Guitar Witherspoon, Jr.
7404 Lemonwood Drive
Fort Worth, Texas 76133
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
John Guitar
P.O. Box 1121
Clyde, TX 79510
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
John Alexander Guitar & Margaret
Ann Guitar
Earl B. Guitar, Jr. & Margaret Ann
Guitar Revocable Trust
P.O. Box 748
Abilene, Texas 79604
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Jeri Alexander Mangum & First
Financial Trust/Asset Management
Jane Alexander Rhodes
Revocable Trust
P.O. Box 701
Abilene, Texas 76904
Malaga SWD 5

Street and Apt. No., or PO Box
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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
Caren Gall Lucas, Trustee of the
Caren Gall Lucas Exempt Trust
P.O. Box 90621
Austin, Texas 78709-0621
Malaga SWD 5

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City, State, ZIP+4®

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
Catherine Gall Parker
3721 Pallos Verdas
Dallas, Texas 75229
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
Catherine Gall Parker and Craig
Catherine Gall Parker Exempt Trust
3721 Pallos Verdas
Dallas, Texas 75229
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Catherine Gall Parker and Craig
Gall Credit Shelter Trust
3721 Pallos Verdas
Dallas, Texas 75229
Malaga SWD 5

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

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
Chisos, Ltd.
670 Dona Ana Road, SW
Deming, NM 88030
Malaga SWD 5

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

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
COG Operating
600 W. Illinois
MIDLAND TX 79701
Malaga SWD 5

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☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
ConocoPhillips Co.
PO Box 7500
Bartlesville OK 7405
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
David D. Kalish et ux
P.O. Box 50467
Austin, TX 78763
Malaga SWD 5

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

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☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
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Total Postage and Fees
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Sent To
Devon Energy Production Company
333 W. Sheridan Avenue
Oklahoma City, OK 73102
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
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Sent To
Douglas Oil & Gas LP
500 W. Texas, #940
Midland TX 79701
Malaga SWD 5

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

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☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$

Total Postage and Fees
\$

Sent To
Douglas Oil & Gas LP
c/o Rex Energy
366 Walker Dr.
State College PA 16801
Malaga SWD 5

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

[illegible][illegible]

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PS Form 3800, September 1998 <small>PSN 7530-01-000-9000</small>	
For Mailer's Information: Your Mail Must Be at Least 4 1/2" x 7 1/2"	
1. Certified Mail Fee	
<input type="checkbox"/> 1st Class <small>Domestic Mail Only</small>	<input type="checkbox"/> Registered Mail <small>Domestic Mail Only</small>
<input type="checkbox"/> Business Reply Mail	<input type="checkbox"/> Return Receipt
<input type="checkbox"/> Domestic Registered Mail	<input type="checkbox"/> Signature Confirmation
<input type="checkbox"/> Signature Confirmation	<input type="checkbox"/> Signature Confirmation
Postage	
2. Total Postage and Fees	3. Cash Payment
4. Total	5. Payment Method
6. To	7. Signature of Addressee
8. Return to	9. Signature of Mailer
10. City, State, ZIP+4®	11. Date
12. City, State, ZIP+4®	13. Date
14. City, State, ZIP+4®	15. Date
16. City, State, ZIP+4®	17. Date
18. City, State, ZIP+4®	19. Date
20. City, State, ZIP+4®	21. Date
22. City, State, ZIP+4®	23. Date
24. City, State, ZIP+4®	25. Date
26. City, State, ZIP+4®	27. Date
28. City, State, ZIP+4®	29. Date
30. City, State, ZIP+4®	31. Date
32. City, State, ZIP+4®	33. Date
34. City, State, ZIP+4®	35. Date
36. City, State, ZIP+4®	37. Date
38. City, State, ZIP+4®	39. Date
40. City, State, ZIP+4®	41. Date
42. City, State, ZIP+4®	43. Date
44. City, State, ZIP+4®	45. Date
46. City, State, ZIP+4®	47. Date
48. City, State, ZIP+4®	49. Date
50. City, State, ZIP+4®	51. Date
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68. City, State, ZIP+4®	69. Date
70. City, State, ZIP+4®	71. Date
72. City, State, ZIP+4®	73. Date
74. City, State, ZIP+4®	75. Date
76. City, State, ZIP+4®	77. Date
78. City, State, ZIP+4®	79. Date
80. City, State, ZIP+4®	81. Date
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84. City, State, ZIP+4®	85. Date
86. City, State, ZIP+4®	87. Date
88. City, State, ZIP+4®	89. Date
90. City, State, ZIP+4®	91. Date
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108. City, State, ZIP+4®	109. Date
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112. City, State, ZIP+4®	113. Date
114. City, State, ZIP+4®	115. Date
116. City, State, ZIP+4®	117. Date
118. City, State, ZIP+4®	119. Date
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122. City, State, ZIP+4®	123. Date
124. City, State, ZIP+4®	125. Date
126. City, State, ZIP+4®	127. Date
128. City, State, ZIP+4®	129. Date
130. City, State, ZIP+4®	131. Date
132. City, State, ZIP+4®	133. Date
134. City, State, ZIP+4®	135. Date
136. City, State, ZIP+4®	137. Date
138. City, State, ZIP+4®	139. Date
140. City, State, ZIP+4®	141. Date
142. City, State, ZIP+4®	143. Date
144. City, State, ZIP+4®	145. Date
146. City, State, ZIP+4®	147. Date
148. City, State, ZIP+4®	149. Date
150. City, State, ZIP+4®	151. Date
	

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Contract Mail rate

1. ☐ First-class letter, 13¢ (first-class 100¢ and per 35¢ add-on/ounce)
2. ☐ Return Receipt requested
3. ☐ Return Receipt electronic
4. ☐ Certified Mail Restricted Delivery
5. ☐ Return Receipt Insured
6. ☐ Return Receipt Restricted Delivery
7. ☐ Return Receipt Restricted Delivery 5

Postage

Postal Postage and fees

Guitar Gallucha, LP
1202 Sylvan Avenue
Arlene, Texas 79806

Send to

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

Malaga SWD 5

POST OFFICE
PERMIT NO. 10
ARLENE, TEXAS 79806
JUN 10 2008

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Sending Mail First

Return Signature & Fees (post a box, or use an "address only" return)

<input type="checkbox"/> Return Receipt (hardcopy)	1	_____	2	_____
<input type="checkbox"/> Return Receipt (electronic)	3	_____	4	_____
<input type="checkbox"/> Mail Signature Forwarded	5	_____	6	_____
<input type="checkbox"/> Mail Signature Restricted Delivery	7	_____	8	_____

Postage _____

Total Postage and Fees **Guy Pittman Witherspoon, III**
P.O. Box 100403
Fort Worth, Texas 76185

Sent to: _____
Street and Apt. No. or P.O. Number
City, State, ZIP+4[®]

PS Form 3800, April 2010 PSN 7530-02-000-9000 **Sale Permitted or Transactions**

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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 \$

Sent To **Honey's Heritage LP**
P.O. Box 833206
Dallas, TX 75083-3206
Malaga SWD 5

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

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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 \$

Sent To **Horned Frog Oil & Gas, LP**
P.O. Box 101265
Fort Worth, TX 76185
Malaga SWD 5

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

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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 \$

Sent To **Jack G. Woods, Jr.**
P.O. Box 341342
Austin, Texas 78734
Malaga SWD 5

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

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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 \$

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Sent To **James M. Alexander**
P.O. Box 58
Ablene, Texas 79604
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Adult Signature Restricted Delivery \$

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Sent To **119 Oil and Gas, LLC**
P.O. Box 1001265
Fort Worth, TX 76185
Malaga SWD 5

Street and Apt. No., or PO Box \$

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Allidale Minerals, LP**
2100 Ross Avenue, Suite 1870
Dallas, TX 75201
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Apache Corporation**
303 Veterans Airpark Lane, #3000
Midland TX 79705
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Apache Corporation**
2000 Post Oak Blvd, Suite 100
Houston, TX 77056-4400
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Barbara Lee Backman, Inc.**
1516 W. Riverside Ave.
Spokane, WA 99201
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Big Three Energy Group, LLC**
P.O. Box 429
Roswell, NM 88202
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **BK Royalties, LLC**
10159 E. 11th Street, Suite 401
Tulsa, OK 74128-3028
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Black Shale Minerals, LLC**
P.O. Box 2243
Longview, TX 75606
Malaga SWD 5

Street and Apt. No., or PO Box \$

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☐ Adult Signature Restricted Delivery \$

Postage \$

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Sent To **BLM**
620 E. GREENE
CARLSBAD NM 88220
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Brett C. Barton**
1919 N. Turner St.
Hobbs, New Mexico 88240
Malaga SWD 5

Street and Apt. No., or PO Box \$

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To **Brett Guitler Witherspoon**
P.O. Box 100635
Fort Worth, Texas 76185
Malaga SWD 5

Street and Apt. No., or PO Box \$

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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 \$

Sent To **Brian C. Reid and Katherine A. Reid**
2592 Camarie
Midland, TX 79705

Street and Apt. No., or PO Box **Malaga SWD 5**

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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 \$

Sent To **BucJag Investments, LLC**
P.O. Box 100005
Fort Worth, TX 76185

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<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 \$

Sent To **CALM Fort Worth Ventures, LLC**
381 Sheridan Road
Winnetka, Illinois 60093

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<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 \$

Sent To **Camellia Land LLC**
P.O. Box 51510
Midland, TX 79710

Street and Apt. No., or PO Box **Malaga SWD 5**

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<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 \$

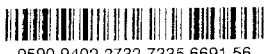
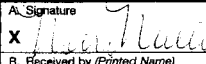
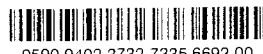

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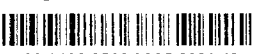


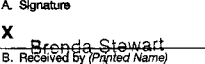
Sent To **Caren G. Lucas**
P.O. Box 90621
Austin, Texas 78709-0621




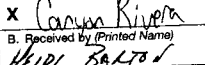
Street and Apt. No., or PO Box **Malaga SWD 5**


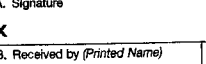
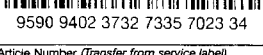
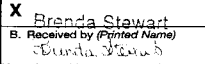
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SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>119 Oil and Gas, LLC P.O. Box 101265 Fort Worth, TX 76185</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6691 56</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1142</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Barbara Lee Backman, Inc.</p> <p>C. Date of Delivery 2/5/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>		<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Barbara Lee Backman, Inc. 1516 W. Riverside Ave. Spokane, WA 99201</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6692 00</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1180</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Barbara Lee Backman, Inc.</p> <p>C. Date of Delivery 2/5/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Alldale Minerals, LP 2100 Ross Avenue, Suite 1870 Dallas, TX 75201</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6691 49</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1159</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Alldale Minerals, LP</p> <p>C. Date of Delivery 2/5/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>		<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Bratt C. Barton 1919 N. Turner St. Hobbs, New Mexico 88240</p> <p>Malaga SWD 5</p>  <p>9590 9402 3198 7166 2380 66</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1234</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Bratt C. Barton</p> <p>C. Date of Delivery 2/5/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>	

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<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>James M. Alexander P.O. Box 58 Abilene, Texas 79604</p> <p>Malaga SWD 5</p>  <p>9590 9402 3198 7166 2380 59</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 0770</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) James M. Alexander</p> <p>C. Date of Delivery 2-5-18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>		<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Heidi C. Barton 2008 N. Vega Court Hobbs, New Mexico 88240</p> <p>Malaga SWD 5</p>  <p>9590 9402 3198 7166 2381 41</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 0732</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Heidi C. Barton</p> <p>C. Date of Delivery 2-5-18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Apache Corporation 2000 Post Oak Blvd, Suite 100 Houston, TX 77056-4400</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6692 17</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1173</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Apache Corporation</p> <p>C. Date of Delivery 2-5-18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>		<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Roy G. Barton, III 1919 N. Turner St. Hobbs, New Mexico 88240</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 7023 34</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1500</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Roy G. Barton, III</p> <p>C. Date of Delivery 2/5/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY		SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Apache Corporation 303 Veterans Airpark Lane, #3000 Midland TX 79705</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6692 24</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1173</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Apache Corporation</p> <p>C. Date of Delivery 2/2/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>		<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>M. Brad Bennett et ux P.O. Box 51510 Midland, TX 79710</p> <p>Malaga SWD 5</p>  <p>9590 9402 3732 7335 6694 53</p> <p>2. Article Number (Transfer from service label)</p> <p>7017 1000 0001 0526 1173</p> <p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>		<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) M. Brad Bennett et ux</p> <p>C. Date of Delivery 2/2/18</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>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 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</p> <p>Domestic Return Receipt</p>	

SENDER: COMPLETE THIS SECTION ■ Complete items 1, 2, and 3. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: BLM 620 E. GREENE CARLSBAD NM 88220 Malaga SWD 5  9590 9402 3732 7335 6691 63 Article Number (Transfer from service label)	COMPLETE THIS SECTION ON DELIVERY A. Signature  <div style="float: right;"> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee </div> <hr/> B. Received by (Printed Name) _____ C. Date of Delivery _____ D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
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: COG Operating 600 W. Illinois MIDLAND TX 79701 Malaga SWD 5  9590 9402 3198 7166 2380 35	COMPLETE THIS SECTION ON DELIVERY A. Signature  <div style="float: right;"> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee </div> <hr/> B. Received by (Printed Name) _____ C. Date of Delivery _____ D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No

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:

ConocoPhillips Co.
P.O. Box 7500
Bartlesville OK 7405

Malaga SWD 5



9590 9402 3198 7166 2380 42

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0541

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

Domestic Return Receipt

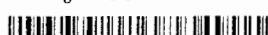
■ Complete items 1, 2, and 3.

- 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:

Devon Energy Production Company, L.P.
333 W. Sheridan Avenue
Oklahoma City, OK 73102

Malaga SWD 5



9590 9402 3732 7335 6692 86

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0565

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

Domestic Return Receipt

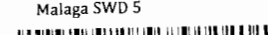
■ Complete items 1, 2, and 3.

- 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:

Richard Donnelly et ux
P.O. Box 3506
Midland, TX 79702

Malaga SWD 5



9590 9402 2894 7094 3442 42

2. Article Number (Transfer from service label)

7017 1000 0001 0526 1487

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

Domestic Return Receipt

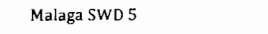
SENDER: COMPLETE THIS SECTION

- 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:

Jane Dillard Trust
PO Box 423
Midland TX 79702

Malaga SWD 5



9590 9402 3732 7335 6693 78

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0787

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

C. Date of Delivery

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

FEB 05 2018

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Ross Duncan Properties LLC
P.O. Box 647
Artesia, NM 88211-0647

Malaga SWD 5



9590 9402 2894 7094 3442 35

2. Article Number (Transfer from service label)

7017 1000 0001 0526 1494

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

Domestic Return Receipt

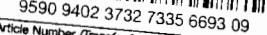
■ Complete items 1, 2, and 3.

- 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:

Eastland Oil
PO Box 3488
Midland TX 79702

Malaga SWD 5



9590 9402 3732 7335 6693 09

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0596

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:

EOG A Resources, LLC
105 S. 4th Street
Artesia, NM 88201

Malaga SWD 5



9590 9402 3732 7335 6694 39

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0602

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

Domestic Return Receipt

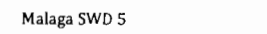
SENDER: COMPLETE THIS SECTION

- 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:

EOG M Resources, LLC
105 S. 4th Street
Artesia, NM 88201

Malaga SWD 5



9590 9402 3732 7335 6694 22

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0619

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

Domestic Return Receipt

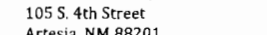
SENDER: COMPLETE THIS SECTION

- 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:

EOG Y Resources, LLC
105 S. 4th Street
Artesia, NM 88201

Malaga SWD 5



9590 9402 3732 7335 6694 15

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0626

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:

EOG Y Resources, LLC
105 S. 4th Street
Artesia, NM 88201

Malaga SWD 5

9590 9402 3732 7335 6694 15

2. Article Number (Transfer from service label)

7017 1000 0001 0526 0626

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)


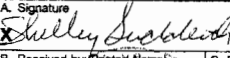
C. Date of Delivery

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


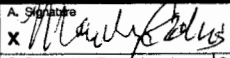
FEB 05 2018

3. Service Type



☐ Adult Signature☐ Adult Signature Restricted Delivery☐ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Faulconer Resources 1999 LP PO Box 7995 Tyler TX 75711 Malaga SWD 5  9590 9402 3732 7335 6694 08 Article Number (Transfer from service label) 7017 1000 0001 0526 0633	A. Signature  B. Received by (Printed Name) Shelly Sublett C. Date of Delivery 2-8-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No FEB 08 2018 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Guitar Galusha, LP 1202 Sylvan Avenue Abilene, Texas 79605 Malaga SWD 5  9590 9402 3732 7335 6692 48 Article Number (Transfer from service label) 7017 1000 0001 0526 0701	A. Signature  B. Received by (Printed Name) C. Date of Delivery 2-15-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No FEB 15 2018 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery


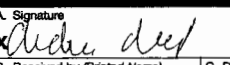
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Featherstone Development Corporation P.O. Box 429 Roswell, NM 88202 Malaga SWD 5  9590 9402 3732 7335 6693 92 Article Number (Transfer from service label) 7017 1000 0001 0526 0640	A. Signature  B. Received by (Printed Name) M. Hernandez C. Date of Delivery 3 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery



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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Guitar Land & Cattle Company, LP P.O. Box 2213 Abilene, Texas, 79604 Malaga SWD 5  9590 9402 3198 7166 2381 65 Article Number (Transfer from service label) 7017 1000 0001 0526 0718	A. Signature  B. Received by (Printed Name) Catherine Guita C. Date of Delivery 2-6-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery


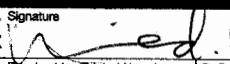
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Gahr Energy Company P.O. Box 1889 Midland, TX 79705 Malaga SWD 5  9590 9402 3732 7335 6693 85 Article Number (Transfer from service label) 7017 1000 0001 0526 0657	A. Signature  B. Received by (Printed Name) Andrea Amador C. Date of Delivery 2-6-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery


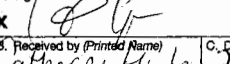
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: John Guitar P.O. Box 1121 Clyde, TX 79510 Malaga SWD 5  9590 9402 3732 7335 6693 30 Article Number (Transfer from service label) 7017 1000 0001 0526 0824	A. Signature  B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery



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

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Goldfinger Oil & Gas, LLC 420 Throckmorton Street, Suite 1000 Fort Worth, TX 76102 Malaga SWD 5  9590 9402 3732 7335 6692 79 Article Number (Transfer from service label) 7017 1000 0001 0526 0671	A. Signature  B. Received by (Printed Name) Nian Dim C. Date of Delivery 02/09/18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery


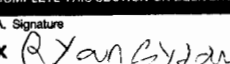
PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: John Alexander Guitar & Margaret Ann Earl B. Guitar, Jr. & Margaret Ann Guitar P.O. Box 748 Abilene, Texas 79604 Malaga SWD 5  9590 9402 3732 7335 7023 27 Article Number (Transfer from service label) 7017 1000 0001 0526 0817	A. Signature  B. Received by (Printed Name) Catherine H. Guita C. Date of Delivery 2-8-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery

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

ENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Goodrich Petroleum Company 801 Louisiana, Suite 700 Houston TX 77002 Malaga SWD 5  9590 9402 3732 7335 6692 55 Article Number (Transfer from service label)	A. Signature  B. Received by (Printed Name) C. Date of Delivery 2-5-18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery

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

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Complete items 1, 2, and 3. 2. Print your name and address on the reverse so that we can return the card to you. 3. Attach this card to the back of the mailpiece, or on the front if space permits. Article Addressed to: Leslie David Guitar P.O. Box 2228 Brownwood, Texas 76804 Malaga SWD 5  9590 9402 3732 7335 6694 77	A. Signature  B. Received by (Printed Name) C. Date of Delivery 2/13/18 D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Restricted Delivery

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

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Lost Creek Royalties, LP
P.O. Box 11148
Midland, TX 79702

Malaga SWD 5

9590 9402 3732 7335 6694 60

Article Number (Transfer from service label)
7017 1000 0001 0526 0909

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
Erica Dordick

C. Date of Delivery
6-7-18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Mewbourne Oil
500 W. Texas Ave., #1020
Midland TX 79701

Malaga SWD 5

9590 9402 3732 7335 6695 52

Article Number (Transfer from service label)
7017 1450 0002 2160 0626

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
[Signature]

C. Date of Delivery
6-7-18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Caren G. Lucas
P.O. Box 90621
Austin, Texas 78709-0621

Malaga SWD 5

9590 9402 3198 7166 2379 77

Article Number (Transfer from service label)
7017 1000 0001 0526 0473

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Caren Lucas* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
Caren Lucas

C. Date of Delivery
7/5/19

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Wende Witherspoon Morgan
1720 Southwicke
Flowermound, Texas 75022

Malaga SWD 5

9590 9402 3732 7335 7023 58

Article Number (Transfer from service label)
7017 1000 0001 0526 1609

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Wende Morgan* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
W. Morgan

C. Date of Delivery
12-5

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Caren Gall Lucas
Trustee of the Caren Gall Lucas Exempt Trust
P.O. Box 90621
Austin, Texas 78709-0621

Malaga SWD 5

9590 9402 3198 7166 2379 84

Article Number (Transfer from service label)
7017 1000 0001 0526 0480

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Caren Lucas* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
Caren Lucas

C. Date of Delivery
7/5/18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Murchison-Guitar Family LP
P.O. Box 712
Red Bluff, CA 96080

Malaga SWD 5

9590 9402 3732 7335 6695 38

Article Number (Transfer from service label)
7017 1450 0002 2160 0642

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
[Signature]

C. Date of Delivery
7-5-18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

J. Mangum & First Financial Trust & Asset Management Co
Trustees of the Jane Alexander Rhodes Revocable Trust
P.O. Box 701
Abilene, Texas 76904
Malaga SWD 5

9590 9402 3732 7335 7023 72

Article Number (Transfer from service label)
7017 1000 0001 0526 0800

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Mandi Jones* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
Mandi Jones

C. Date of Delivery
8/15/18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

NMSLO
PO BOX 1148
SANTA FE NM 87504

Malaga SWD 5

9590 9402 3732 7335 6696 51

Article Number (Transfer from service label)
7017 1450 0002 2160 0659

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
[Signature]

C. Date of Delivery
8/15/18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Matador Production Company
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240

Malaga SWD 5

9590 9402 3732 7335 6695 76

Article Number (Transfer from service label)
7017 1000 0001 0526 0800

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *[Signature]* ☐ Agent ☒ Addressee

B. Received by (Printed Name)
Sandy Davidson

C. Date of Delivery
12/7/18

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

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

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

Article Addressed to:

Lesli Guitar Nichols
P.O. Box 327
Big Spring, Texas 79721

Malaga SWD 5

9590 9402 3732 7335 6694 84

Article Number (Transfer from service label)
7017 1450 0002 2160 0659

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Lesli Nichols* ☐ Agent ☒ Addressee


B. Received by (Printed Name)
Lesli Nichols

C. Date of Delivery
12/7/18

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

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

Domestic Return Receipt

ENDER: 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.	COMPLETE THIS SECTION ON DELIVERY <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</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> </div> <div style="width: 48%;"> <p>■ 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> <p>1. Article Addressed to:</p> <p style="text-align: center;">RSC Resources LP 9740 W. FM 2147 #8329 Horseshoe Bay, TX 78657</p> <p style="text-align: center;">Malaga SWD 5</p>  9590 9402 3732 7335 7023 03 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 48%;"> <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> </div> <div style="width: 48%;"> <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> </div> </div>
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SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.

2. Print your name and address on the reverse so that we can return the card to you.

3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Th... A. Sikes
... Box 5279
Austin, TX 78763

Malaga SWD 5

9590 9402 2894 7094 3443 10

Article Number (Transfer from service label)
7017 1000 0001 0526 1562

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

FEB - 6 2013

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.

2. Print your name and address on the reverse so that we can return the card to you.

3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Oscar & Gloria Vasquez Revoc. Trust
PO Box 98
Malaga NM 88263

Malaga SWD 5

9590 9402 3732 7335 6696 37

Article Number (Transfer from service label)
7017 1450 0002 2160 0673

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

1. Complete items 1, 2, and 3.

2. Print your name and address on the reverse so that we can return the card to you.

3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

SNW Permian, LLC
P.O. Box 101265
Fort Worth, TX 76185

Malaga SWD 5

9590 9402 2894 7094 3439 62

Article Number (Transfer from service label)
7017 1000 0001 0526 1555

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Brett Guitar Witherspoon
P.O. Box 100635
Fort Worth, Texas 76185

Malaga SWD 5

9590 9402 3198 7166 2380 73

Article Number (Transfer from service label)
7017 1000 0001 0526 0428

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

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☐ Registered Mail™
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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Realeza Del Spear, LP
PO Box 1684
Midland, TX 79702

Malaga SWD 5

9590 9402 2894 7094 3442 59

Article Number (Transfer from service label)
7017 1000 0001 0526 1470

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

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☐ Registered Mail™
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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Guy Pittman Witherspoon, III
P.O. Box 100403
Fort Worth, Texas 76185

Malaga SWD 5

9590 9402 3198 7166 2381 58

Article Number (Transfer from service label)
7017 1000 0001 0526 0725

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

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☐ Registered Mail™
☐ Registered Mail Restricted Delivery
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☐ Signature Confirmation Restricted Delivery

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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Judy Guitar Uhely
P.O. Box 632
Elizabethtown, KY 42702

Malaga SWD 5

9590 9402 3732 7335 6695 07

Article Number (Transfer from service label)
7017 1000 0001 0526 0862

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

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☐ Registered Mail™
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Article Addressed to:

John Guitar Witherspoon, Jr.
7404 Lemonwood Drive
Fort Worth, Texas 76133

Malaga SWD 5

9590 9402 3732 7335 6694 46

Article Number (Transfer from service label)
7017 1000 0001 0526 0831

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
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☐ Adult Signature Restricted Delivery
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☐ Certified Mail Restricted Delivery
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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Una Oreja LL
P.O. Box 101265
Fort Worth, TX 76185

Malaga SWD 5

9590 9402 2894 7094 3443 03

Article Number (Transfer from service label)
7017 1000 0001 0526 1616

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

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

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)

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☐ Registered Mail™
☐ Registered Mail Restricted Delivery
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3. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Woods Dickens Ranch, LP
36 Surrey Square
Abilene, Texas 79606

Malaga SWD 5

9590 9402 3732 7335 7023 96

Article Number (Transfer from service label)
7017 1000 0001 0526 1616

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



Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY


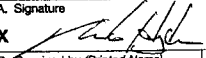
A. Signature
X [Signature]
B. Received by (Printed Name)
C. Date of Delivery
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
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PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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



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

DATE RECORD: First Rec: 02/26/18 Admin Complete: 04/23/18 * or Suspended: 05/01/18 * Add. Request/Reply: 04/12/18 *
 ORDER TYPE: WFX / PMX / SWD Number: 1733 Order Date: 05/22/18 Legacy Permits/Orders: Case No. 16131

Well No. 5 Well Name(s): Malaga SWD * expanded notice and IS paper

API: 30-0 15-44571 Spud Date: TBD New or Old (EPA): New (UIC Class II Primacy 03/07/1982)

Footages 1779 FSL / 975 FWL Lot - or Unit L Sec 12 Tsp 24S Rge 28E County Eddy

General Location: ~4.5 mi SE of Mang along Esde 285 SWD, Deviation Pool No.: 96101

BLM 100K Map: Curtisbad Operator: Black River Water Management Co. LLC OGRID: 371287 Contact: B. Woods / Permitalest

COMPLIANCE RULE 5.9: Total Wells: 5 Inactive: 0 Fincl Assur: Yes Compl. Order? No IS 5.9 OK? 05/22/18 date: 05/22/18

WELL FILE REVIEWED ☒ Current Status: APD approved; rig to be available in spring.

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

Planned Rehab Work to Well: NA

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned <input checked="" type="checkbox"/> or Existing <u>Surface</u>		<u>26/20</u>	<u>0 to 560'</u>	<u>1400</u>	<u>Circulate to surf.</u>
Planned <input checked="" type="checkbox"/> or Existing <u>Interm Prod</u>		<u>18 3/8 / 16</u>	<u>0 to 2750'</u>	<u>1400</u>	<u>Circulate to surf.</u>
Planned <input checked="" type="checkbox"/> or Existing <u>Interm Prod</u>		<u>14 3/4 / 10 3/4</u>	<u>0 to 10850</u>	<u>3700</u>	<u>Circulate to surf.</u>
Planned <input checked="" type="checkbox"/> or Existing <u>Prod Liner</u>		<u>9 1/2 / 7 5/8</u>	<u>0 to 14385</u>	<u>1050</u>	<u>8000' / CBL</u>
Planned <input type="checkbox"/> or Existing <u>Liner</u>					
Planned <input checked="" type="checkbox"/> or Existing <u>OH / PERF</u>		<u>6.5</u>	<u>14385 to 15300</u>	<u>Inj Length 915</u>	

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.		<u>Mississippian</u>	
Confining Unit: <u>Litho</u> Struc. <u>Por</u>	<u>14381.2</u>	<u>Woodford</u>	<u>14223</u>
Proposed Inj Interval TOP:	<u>14381.2</u>	<u>Devonian</u>	<u>14381</u>
Proposed Inj Interval BOTTOM:			<u>15300</u>
Confining Unit: <u>Litho</u> Struc. <u>Por</u>	<u><</u>	<u>Silurian</u>	
Adjacent Unit: Litho. Struc. Por.		<u>Maraca (3)</u>	

Completion/Operation Details:	
Drilled TD <u>15300</u>	PBTD <u>---</u>
NEW TD <u>15300</u>	NEW PBTD <u>---</u>
NEW Open Hole <input checked="" type="checkbox"/> or NEW Perfs <input type="checkbox"/>	
Tubing Size <u>4 1/2</u> in	Inter Coated? <u>Yes</u>
Proposed Packer Depth <u>14330</u> ft	
Min. Packer Depth <u>14285</u> (100-ft limit)	
Proposed Max. Surface Press. <u>2877</u> psi	
Admin. Inj. Press. <u>2877</u> (0.2 psi per ft)	

AOR: Hydrologic and Geologic Information

POTASH: R-111-P No Noticed? No BLM Sec Ord NA WIPP NA Noticed? --- Salt/Salado T: --- B: 2667 NW: Cliff House fm ---

FRESH WATER: Aquifer Alluvial / Rustler 560 Max Depth USDW < 1600 HYDRO AFFIRM STATEMENT By Qualified Person ☒

NMOSE Basin: Curtisbad CAPITAN REEF: thru --- adj NA No. GW Wells in 1-Mile Radius? 2 FW Analysis? Yes

Disposal Fluid: Formation Source(s) Permian & Morrow Analysis? Yes On Lease ☐ Operator Only ☐ or Commercial ☒

Disposal Interval: Inject Rate (Avg/Max BWPD): 40,000/50,000 Protectable Waters? No Source: Historical System: Closed or Open

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

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

Penetrating Wells: No. Active Wells 1 Num Repairs? 0 on which well(s)? Drilled to Devian - not online Diagrams? ---

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

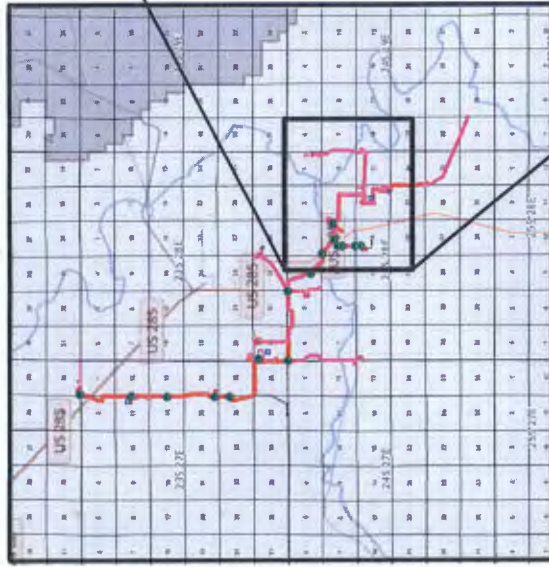
NOTICE: Newspaper Date 11/22/17 Mineral Owner: Fee / surface owner Fee - Osorio & Gloria Vasquez RT N. Date 11/22/17

RULE 26.7(A): Identified Tracts? Yes Affected Persons: Multiple notice - operators & mineral interests N. Date 11/22/17

Order Conditions: Issues: Formation Control; cement verification; HC potential \$ 4/13/18 (240)

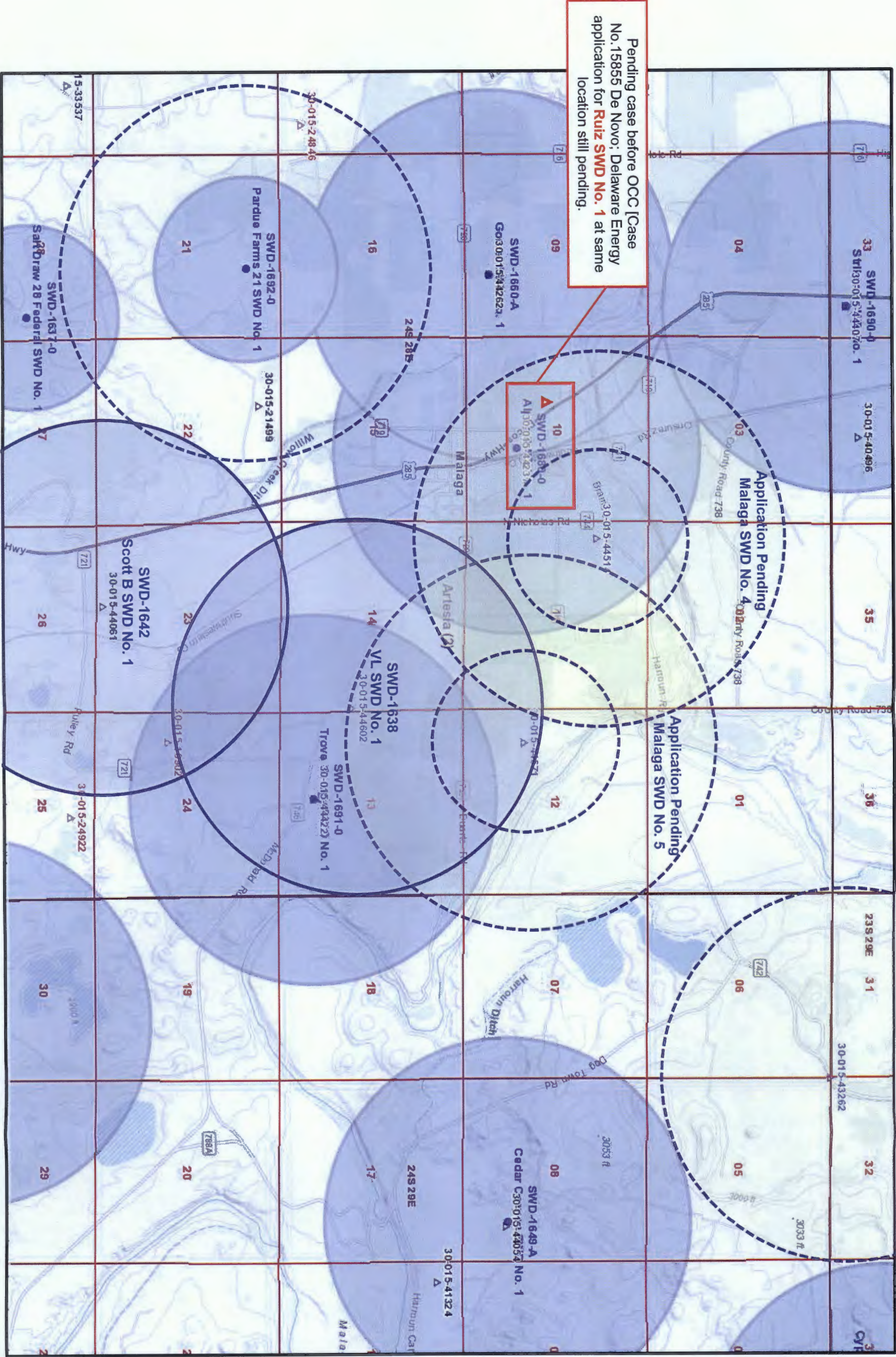
Additional COAs: CBL for 75/8 + any casing not circulated to surface; mudlog; formation picks

Malaga #5 Distances to other SWDs – Eddy County, NM



San Mateo

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





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 Water Management Company, LLC
Application: pMAM1805746728
Well: Malaga SWD No. 5

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: agrankin@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. 5 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. 5 well** (API No. 30-015-44571), with a surface location 1,779 feet from the South line and 975 feet from the West line (Unit I.) of Section 12, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. Said well is located approximately 1-1/2 miles 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**

10824493_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. 5 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. 5 well** (API No. 30-015-44571), with a surface location 1,779 feet from the South line and 975 feet from the West line (Unit 1.) of Section 12, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. The maximum proposed daily injection rate will be approximately 50,000 barrels per day with an average daily injection rate of approximately 40,000 barrels per day. The proposed injection will occur within the Devonian formation at a depth of approximately 14,385 feet to 15,300 feet deep. The maximum injection pressure will be 2,877 psi. Said well is located approximately 1-1/2 miles northeast of Malaga, New Mexico.

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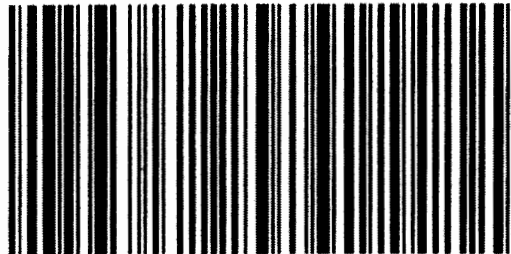
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Name: Gary Brown
Address: 6747 E 50th Ave
City: Commerce City
State: CO **ZIP+4®** 80022

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Total Volume	249

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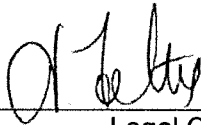
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PO BOX 2208

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



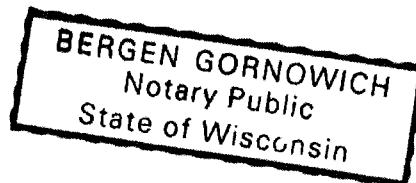
Legal Clerk

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

State of WI, County of Brown
NOTARY PUBLIC

12-14-2021

My Commission Expires



**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 appoint 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: ConocoPhillips Company; 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; COG Operating, LLC; James H. Isbell (Lois L. Isbell, his wife), their heirs and devisees; Devon Energy Production Company; 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; BucJag Investments, LLC; Gahr Energy Company; Horned Frog Oil & Gas, LP; Nonnortootie LLC; RSC Resources LP; Una Oreja LLC; Alldale Minerals, LP; Apache Corporation; Big Three Energy Group, LLC; Brian C. Reid and Katherine A. Reid, their heirs and devisees; Chisos, Ltd.; Featherstone Development Corporation; JTD, LLC; M. Brad Bennett, et ux., their heirs and devisees; Oxy USA WTP, LLC; Prospector LLC; Ross Duncan Properties LLC; Xplor Resources, LLC; Devon Energy Production Company, L.P.; Matador Production Company; Brazos Limited Partnership; Mourne Oil and Gas; Goldfinger Oil & Gas, LLC; SNW Permian, LLC; CALM Fort Worth Ventures, LLC; 1119 Oil & Gas, LLC; MRC Permian Company; Kaiser-Francis Oil Company; Fortson Production Company; Spiral, Inc.; Anne W. Marion, Trustee of the AWM Management Trust; Burtex Investments II LP; Benco Energy, Inc.; BJF Energy LLC; 1220 Minerals LLC; KFD Energy LLC; S. K. Warren Resources, L.L.C.; 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.; Anastacia R. Blanco, 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; 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; 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; 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; Lesli 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.

Case No. 16131: Application of Black River Water Management Company, LLC for a Salt Water Disposal Well and Authorization to Inject Through Its Proposed Malaga SWD No. 5 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. 5 well (API No. 30-015-44571), with a surface location 1,779 feet from the South line and 975 feet from the West line (Unit L) of Section 12, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. The maximum proposed daily injection rate will be approximately 50,000 barrels per day with an average daily injection rate of approximately 40,000 barrels per day. The proposed injection will occur within the Devonian formation at a depth of approximately 14,385 feet to 15,300 feet deep. The maximum injection pressure will be 2,877 psi. Said well is located approximately 1-1/2 miles northeast of Malaga, New Mexico.

Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Monday, April 23, 2018 3:11 PM
To: Goetze, Phillip, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Dawson, Scott, EMNRD; Clory L. Wetzsteon; Riley, Heather, EMNRD; McMillan, Michael, EMNRD; Brian Wood
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice
Attachments: text V & VI.PDF; Exhibit B map.pdf; Exhibit B table.pdf

Phil,

Attached is an updated narrative for Item V and VI in the C-108 for the Malaga SWD No. 5 well, along with the updated Exhibit B 1-mile radius map and tabulation of well data for wells within the 1-mile area of review. Of all the wells in the area of review, only Mesquite's VL SWD No. 1 well penetrates the proposed injection interval. It has been drilled, but a completion report has not yet been filed. The supplemental AOR was prepared by Permits West.

Please let us know if you have any questions regarding any of the supplemental materials which have been provided, or if the Division requires any additional information.

Very best,
Adam

From: Adam Rankin
Sent: Friday, April 20, 2018 1:41 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>; 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

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
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Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Thursday, April 19, 2018 3:35 PM
To: Goetze, Phillip, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Dawson, Scott, EMNRD; Clory L. Wetzsteon
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice
Attachments: MRC_ Malaga SWD No. 4 and 5 Fault Slip White Paper w_ tables and figures[10890697v1].PDF

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

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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.

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 A₀ 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 Snee 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.

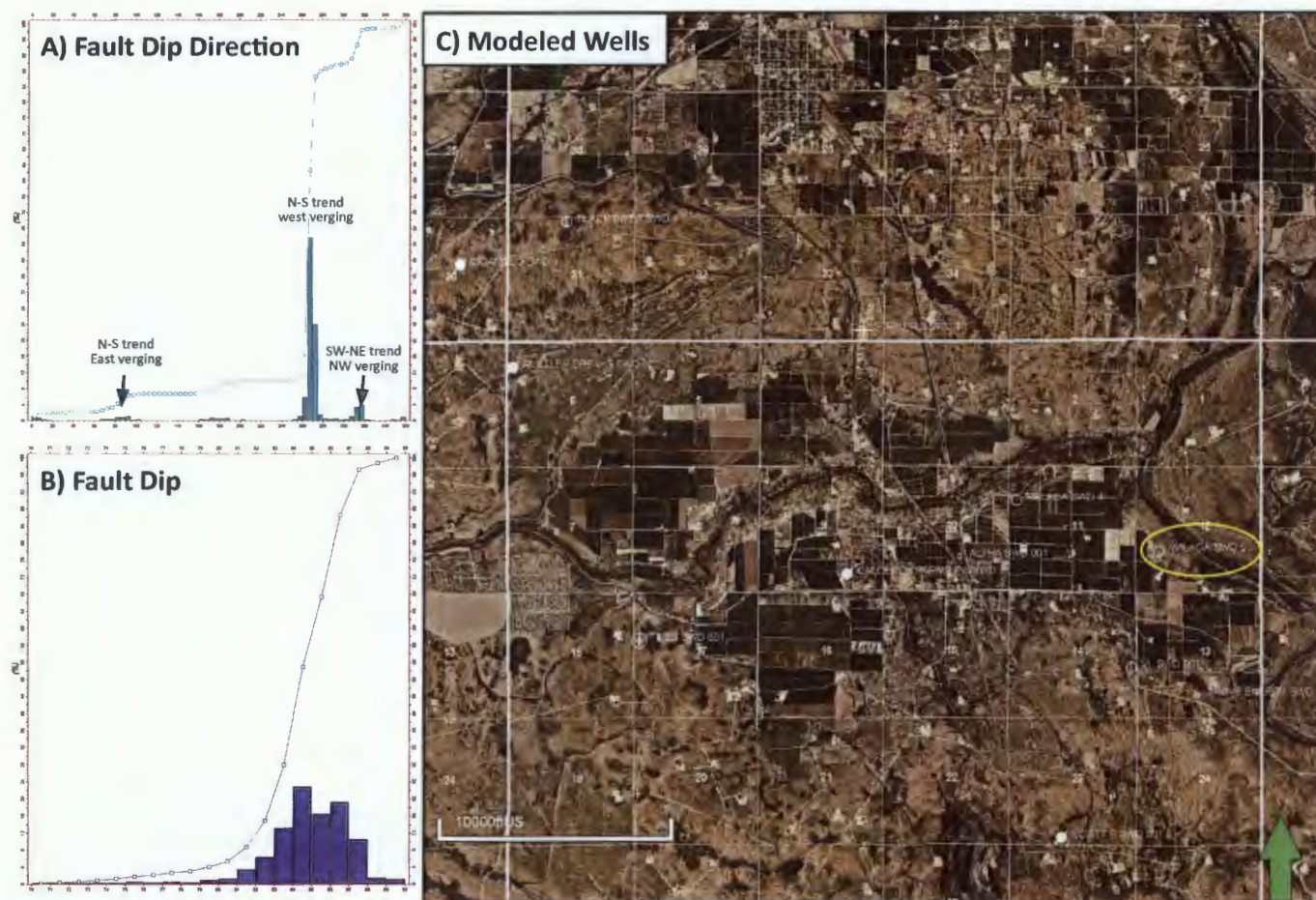


Figure 1: Input Data. A) Fault dip direction data from 118 mapped faults. The clusters of data at 90° and 270° represent the dominant N-S striking fault set. B) Fault dip data from 118 mapped faults. The majority of faults have dips greater than 75°, C) Distribution of 13 modeled wells. The Malaga SWD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

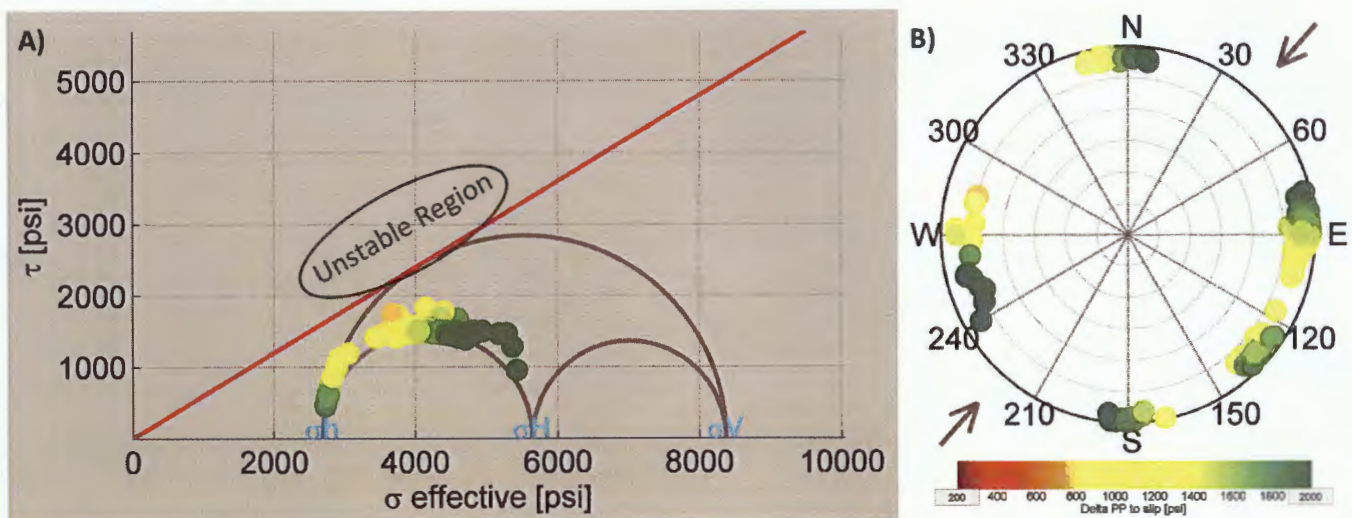


Figure 2: A) 3D Mohr Diagram with poles to faults shaded by change in pore pressure required for slip. Principal stress magnitudes are shown on the Y-axis. The red line represents fictional stability envelope, any points above or left of this line are considered unstable. B) Stereonet showing poles to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

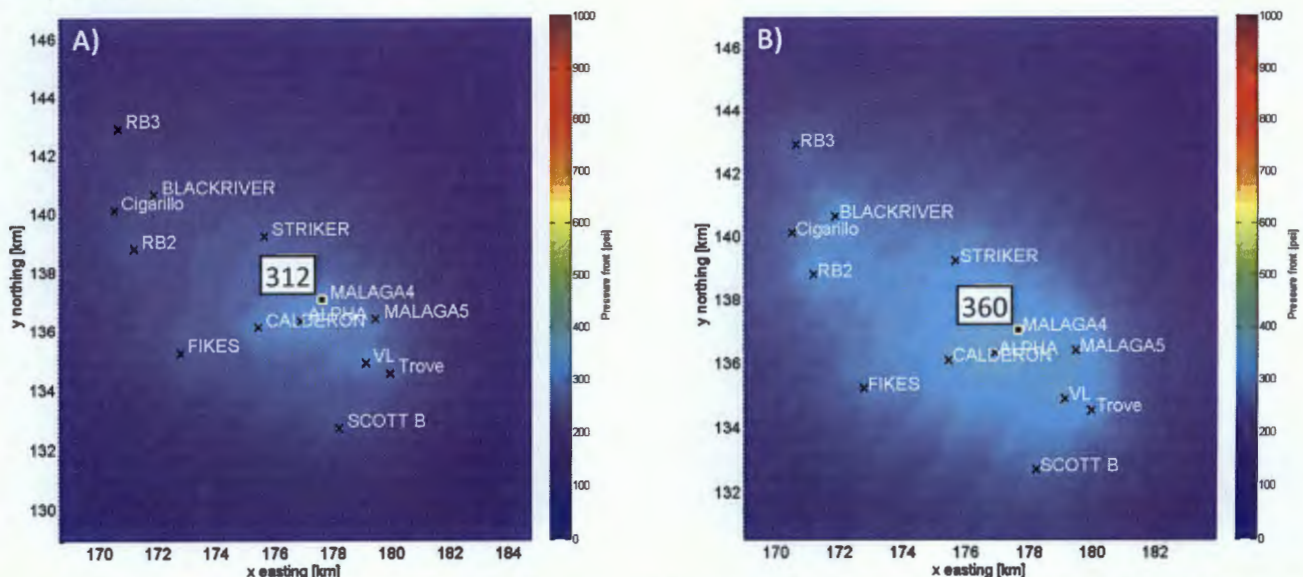


Figure 3: Modeled reservoir pressure increase for Case #1 (A) and Case #2 (B). Values at the Malaga #4 location are shown in the text box in each image.

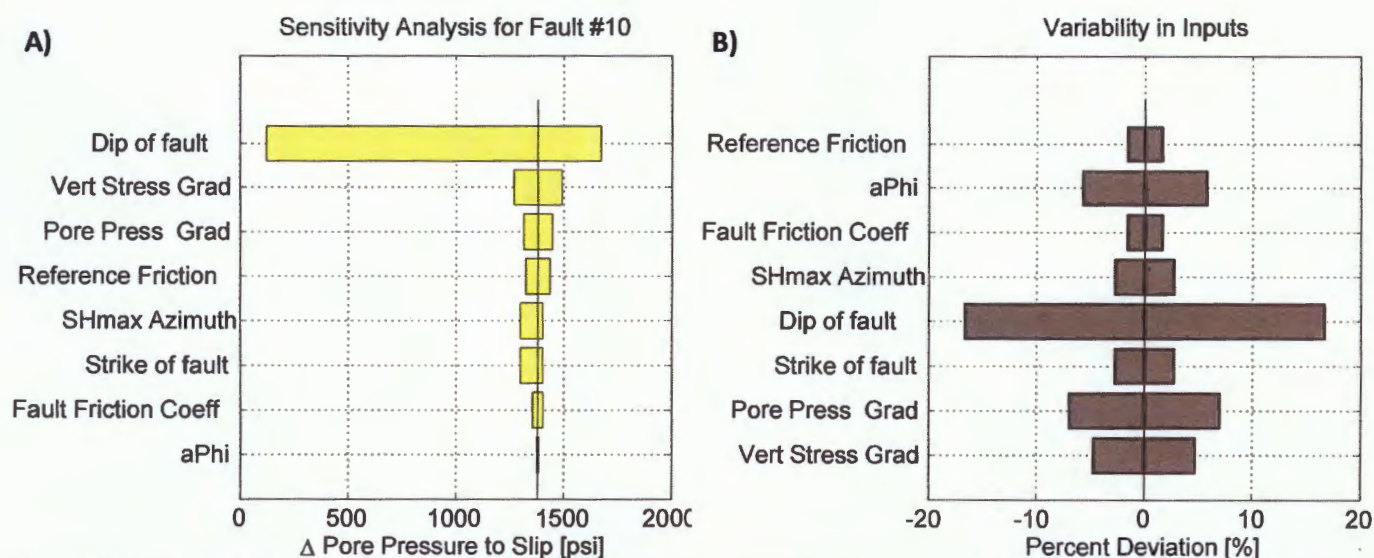


Figure 3: A) Sensitivity to input parameters in probabilistic geomechanical modeling for a randomly selected fault. B) Variability of geomechanical inputs.

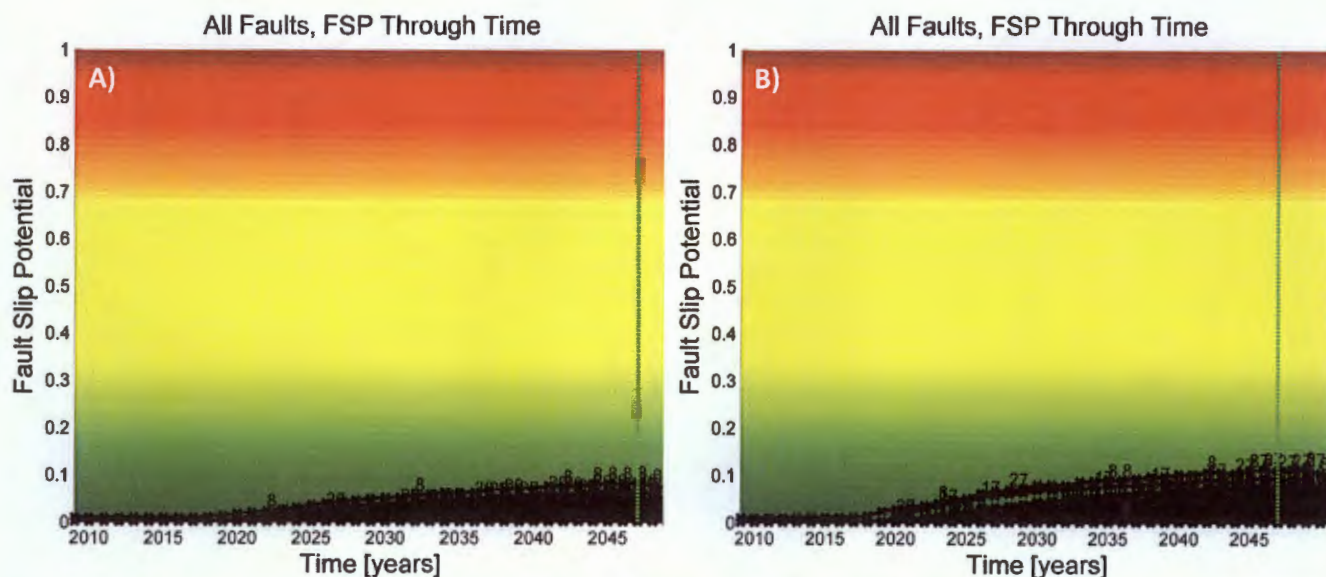


Figure 5: Fault slip probability for Case #1 (A) and Case#2 (B). In model cases the fault slip probability remains below 12%.

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>.

Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Monday, April 23, 2018 3:11 PM
To: Goetze, Phillip, EMNRD
Cc: Sanchez, Daniel J., EMNRD; Dawson, Scott, EMNRD; Clory L. Wetzsteon; Riley, Heather, EMNRD; McMillan, Michael, EMNRD; Brian Wood
Subject: RE: Black River - Malaga SWD No. 4 & 5 - update to notice
Attachments: text V & VI.PDF; Exhibit B map.pdf; Exhibit B table.pdf

Phil,

Attached is an updated narrative for Item V and VI in the C-108 for the Malaga SWD No. 5 well, along with the updated Exhibit B 1-mile radius map and tabulation of well data for wells within the 1-mile area of review. Of all the wells in the area of review, only Mesquite's VL SWD No. 1 well penetrates the proposed injection interval. It has been drilled, but a completion report has not yet been filed. The supplemental AOR was prepared by Permits West.

Please let us know if you have any questions regarding any of the supplemental materials which have been provided, or if the Division requires any additional information.

Very best,
Adam

From: Adam Rankin
Sent: Friday, April 20, 2018 1:41 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>; 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

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 order 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
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[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.

- A. (4) A stainless steel and/or nickel packer will be set at $\approx 14,330'$ (or $\leq 100'$ above the top of the open hole which will be at 14,385').
 - 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 14,385' to 15,300'.
 - 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) Four zones produce in the area of review and above the Devonian (14,381'). Those zones and their tops are the Brushy Canyon (4,779'), Bone Spring (6,405'), Wolfcamp (9,590'), and Atoka (11,822'). There was an unsuccessful Bell Canyon test (2,716'). 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 38 existing wells + 15 approved wells within a ≈ 1 -mile radius. Only one of the 53 wells did, or will, penetrate the Devonian. That exception is Mesquite's 15,215' deep VL SWD 1 (30-015-44602) which is 5139' southwest in I-14-24s-28e. It has been drilled, but a completion report has not yet been filed. Exhibit C shows all 198 existing wells (110 oil or gas wells + 50 P & A wells + 33 water wells + 5 injection or disposal wells) within a two-mile radius.
- All land within a half-mile radius is leased. Leases within a half-mile radius include BLM, fee, and NMSLO. Exhibits D & E show all leases within a half-mile and two-mile radius.

VI. One Devonian penetrator is within a mile. That well is Mesquite's 15,215' deep VL SWD 1 (30-015-44602) which is 5139' southwest in l-14-24s-28e. It has been drilled, but a completion report has not yet been filed.

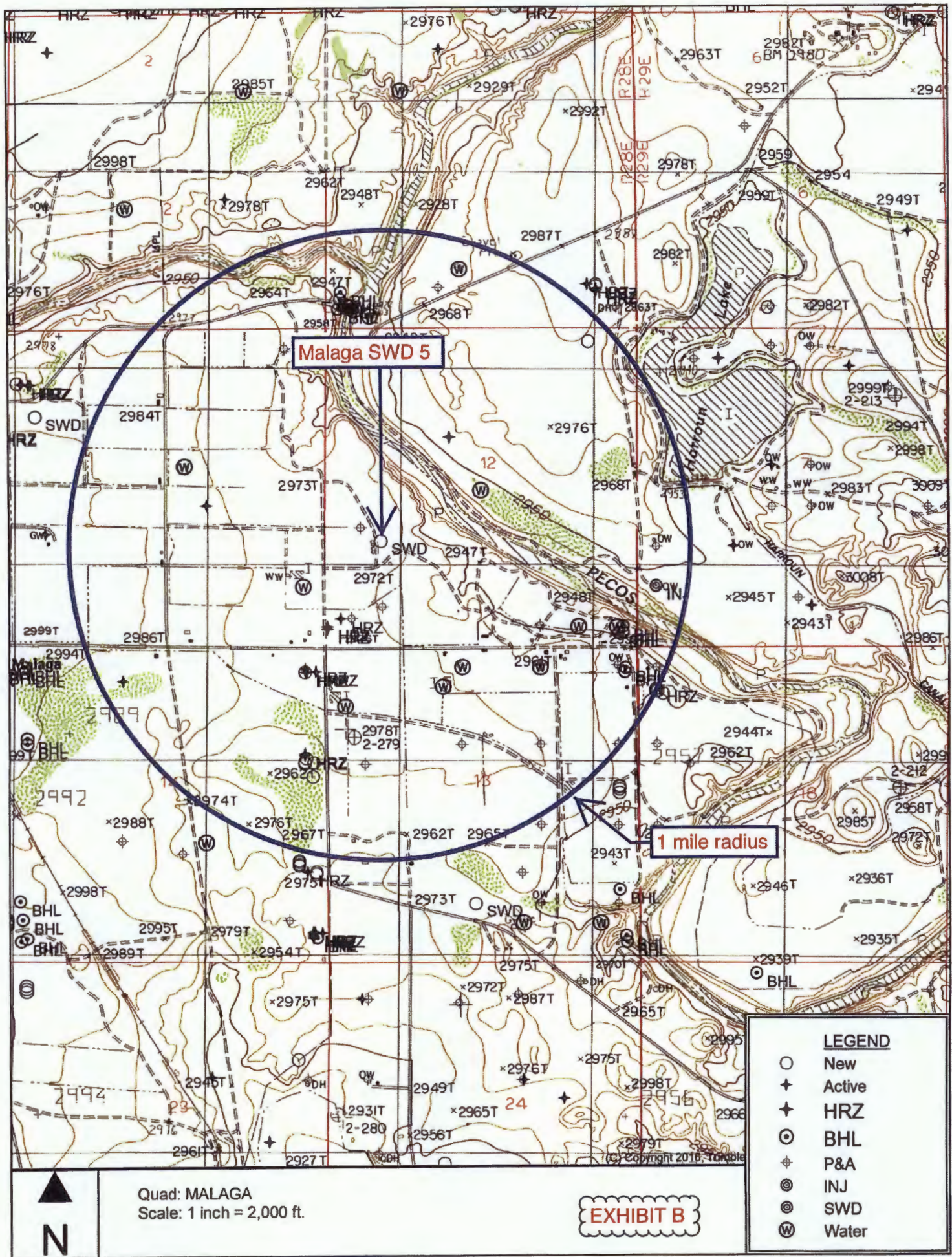
- VII. 1. Average injection rate will be $\approx 40,000$ bwpd.
Maximum injection rate will be $\approx 50,000$ bwpd.
2. System will be open and closed. Water will both be trucked and piped.
3. Average injection pressure will be $\approx 2,500$ psi
Maximum injection pressure will be 2,877 psi ($= 0.2$ psi/foot $\times 14,385'$ (top of open hole)).
4. Disposal water will be produced water, mainly from Bone Spring and Wolfcamp wells. There are 361 approved Bone Spring wells and 225 approved Purple Sage; 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), 5 miles WNW, which has disposed of over 3,007,539 bbl in the Devonian in 2 years.

5. Closest Devonian producer (30-015-29252) was 17 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), 15 water wells are within a mile, deepest of which is 200'. None of the 15 wells were flowing during a November 21-22, 2017 inspection. (Domestic wells were



SORTED BY DISTANCE FROM MALAGA SWD 5

API	OPERATOR	WELL	TYPE	SHL UNIT- SECTION- T24S-R28E	TVD	DEEPEST ZONE	FEET FROM MALAGA SWD 5
3001523839	Dinero	McNutt 001	P&A	L-12	7151	Bone Spring	403
3001524945	Devon Energy	Burkham Federal Com 001	P&A	M-12	12900	Morrow	1109
3001524433	Bettis Boyal & Stovall	Duarte 001	P&A	M-12	6212	Delaware	1395
3001543419	Mewbourne Oil	Journey 12 B2MP Fee 001H	O	M-12	8409	Bone Spring	1539
3001543172	Mewbourne Oil	Journey 12 W2MD Fee 001H	G	M-12	Plan: 15287 MD	Wolfcamp	1660
3001543171	Mewbourne Oil	Journey 12 B2MD Fee 001H	G	M-12	Plan: 12973 MD	Wolfcamp	1678
3001543845	Mewbourne Oil	Journey 12 W2MP Fee Com 002H	G	M-12	10759	Wolfcamp	1756
3001543846	Mewbourne Oil	Journey 12 W0MP Fee Com 003H	G	M-12	9775	Wolfcamp	1774
3001524300	COG	Fortson Federal Com 001	G	F-12	13020	Morrow	2085
3001502496	Dekalb Agricultural	James & Landrum 001	P&A	C-13	2910	Delaware	2500
3001543463	Matador	Janie Conner 13 24S 28E RB 201H	G	A-14	9758	Wolfcamp	2559
3001543756	Matador	Janie Conner 13 24S 28E RB 221H	G	A-14	10742	Wolfcamp	2575
3001543870	Matador	Janie Conner 13 24S 28E RB 121H	O	A-14	Plan: 13160 MD	Bone Spring	2601
3001544163	Matador	Tiger 14 24S 28E RB 221H	G	A-14	10634	Wolfcamp	2602
3001544162	Matador	Tiger 14 24S 28E RB 201H	G	A-14	9275	Wolfcamp	2618

SORTED BY DISTANCE FROM MALAGA SWD 5

3001523850	COG	Vasquez 001	G	J-11	12900	Morrow	3027
3001502490	Southern California Petroleum	Landrum 001Q	P&A	O-12	2751	Delaware	3060
3001502494	Calvin F Tennison	Malaga Unit 001	P&A	B-13	2700	Delaware	3421
3001502489	Albert Schabel	Beeman 001	P&A	A-11	3016	Delaware	3601
3001502498	Dekalb Agricultural	Landrum & Noutt 001	P&A	F-13	2710	Delaware	3686
3001524129	Devon Energy	Craft 001	G	E-13	12983	Morrow	3759
3001544119	Matador	Tiger 14 24S 28E RB 222H	G	H-14	10636	Wolfcamp	3858
3001544129	Matador	Tiger 14 24S 28E RB 202H	G	H-14	9567	Wolfcamp	3887
3001543919	Matador	Janie Conner 13 24S 28E RB 222H	G	H-14	15843 MD	Wolfcamp	3903
3001543920	Matador	Janie Conner 13 24S 28E RB 202H	G	H-14	14680 MD	Wolfcamp	3914
3001543822	Matador	Dr Scrivner Federal 01 24S 28E RB 208H	G	P-1	9701	Wolfcamp	3933
3001543885	Matador	Tiger 14 24S 28E RB 122H	O	H-14	Plan: 13160 MD	Bone Spring	3970
3001543871	Matador	Janie Conner 13 24S 28E RB 122H	O	H-14	Plan: 13160 MD	Bone Spring	3998
3001543824	Matador	Dr Scrivner Federal 01 24S 28E RB 228H	G	P-1	10750	Wolfcamp	4063
3001543820	Matador	Dr Scrivner Federal 01 24S 28E RB 124H	O	P-1	8380	Bone Spring	4161
3001543825	Matador	Janie Conner 13 24S 28E RB 226H	G	H-14	Plan: 15500 MD	Wolfcamp	4161

SORTED BY DISTANCE FROM MALAGA SWD 5

3001543823	Matador	Dr Scrivner Federal 01 24S 28E RB 224H	G	P-1	Plan: 10490	Wolfcamp	4268
3001523779	Harvey E Yates	Phillips Federal 001	P&A	N-1	8619	Bone Spring	4334
3001502495	Austin Gas Purchasing	Malaga Unit 002	P&A	G-13	2730	Delaware	4359
3001543821	Matador	Dr Scrivner Federal 01 24S 28E RB 204H	G	P-1	Plan: 9698	Wolfcamp	4440
3001544799	Oxy	Pecos Valley CC 7 Federal Com 026H	O	L-8	Plan: 8493	Bone Spring	4501
3001544798	Oxy	Pecos Valley CC 7 Federal Com 025H	O	L-8	Plan: 8493	Bone Spring	4511
3001502500	Austin Gas Purchasing	Malaga Unit 001	P&A	A-13	2739	Delaware	4542
3001503704	Antweil Morris	Malaga Unit 002	P&A	L-7	2752	Delaware	4689
3001544794	Oxy	Cedar Canyon 8 Federal Com 024H	O	P-8	8381	Bone Spring	4698
3001526249	Devon Energy	Malaga 1 Federal Com 001	P&A	N-1	12136	Atoka	4739
3001544048	Mewbourne Oil	Journey 12 W2AP Fed Com 001H	G	A-12	Plan: 10789	Wolfcamp	4745
3001543973	Matador	Janie Conner 13 24S 28E RB 203H	G	I-14	9950	Wolfcamp	4749
3001503702	Giant	Malaga Unit 002	I	4-7	2737	Delaware	4753
3001544239	Matador	Janie Conner 13 24S 28E RB 223H	G	I-14	10830	Wolfcamp	4812
3001523752	Matador	Tiger 14 24S 28E RB 001	G	C-14	12880	Atoka	4972
3001544602	Mesquite SWD	VL SWD 001	SWD	I-14	15215	Devonian	5139

SORTED BY DISTANCE FROM MALAGA SWD 5

3001503707	Antweil Morris	Malaga Unit 001	P&A	D-18	2755	Delaware	5156
3001544242	Matador	Zach McCormick Federal Com 205H	G	1-18	Plan: 9745	Wolfcamp	5268
3001544245	Matador	Zach McCormick Federal Com 225H	G	1-18	Plan: 10550	Wolfcamp	5272
3001544241	Matador	Zach McCormick Federal Com 221H	G	1-18	Plan: 10550	Wolfcamp	5281
3001544244	Matador	Zach McCormick Federal Com 121H	O	1-18	Plan: 8340	Bone Spring	5285
3001502501	Austin Gas Purchasing	Malaga Unit 002	P&A	H-13	2742	Delaware	5285



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

C-108 Application – Division Supplemental Documents

Protest Record

Applicant: Black River Water Management Company, LLC
Application: pMAM1805746728
Well: Malaga SWD No. 5

MAY 01 2018 AM 09:50

HOLLAND & HART
THE LAW OUT WEST



Adam G. Rankin
Phone (505) 988-4421
Fax (505) 983-6043
agrarkin@hollandhart.com

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. 5 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. 5 well** (API No. 30-015-44571), with a surface location 1,779 feet from the South line and 975 feet from the West line (Unit L) of Section 12, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico. Said well is located approximately 1-1/2 miles 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

Copy made

10824493_2

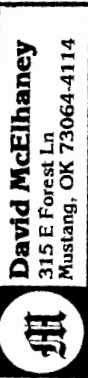
*I do not want Black River
to Drill a waste injection well
That will affect my Property Right.
David Franklin McElhenny*

Holland & Hart LLP

Phone (505) 988-4421 Fax (505) 983-6043 www.hollandhart.com

110 North Guadalupe Suite 1 Santa Fe, NM 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Aspen Billings Boise Boulder Cheyenne Colorado Springs Denver Denver Tech Center Jackson Hole Salt Lake City Santa Fe Washington, D.C. ☐



David McElhaney
315 E Forest Ln
Mustang, OK 73064-4114

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS

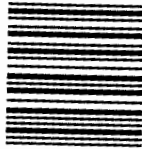
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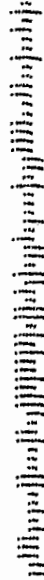
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New Mexico Conservation Division
1220 South ST Francis Dr.
Santa Fe, New Mexico
87505

8750534225 0071



Goetze, Phillip, EMNRD

From: Adam Rankin <AGRankin@hollandhart.com>
Sent: Tuesday, May 1, 2018 11:03 PM
To: McMillan, Michael, EMNRD
Cc: Goetze, Phillip, EMNRD; Lowe, Leonard, EMNRD; Jones, William V, EMNRD; Dawson, Scott, EMNRD
Subject: RE: Notification of Protest for Application to Inject - Malaga SWD No. 5
Attachments: Notification of Protest for Application to Inject - Malaga SWD No. 4; swdProtestMeasurements_05_01_18.pdf; T.O. excerpt regarding Blk 112, Lot 15, N2 Sec 14-T24S-R28E.PDF

Mike,

We reviewed the ownership interest of the party objecting to both these administrative applications and have determined that his property is outside, and does not touch or fall within, the extended 1-mile notice area requested by the Division for these two C-108 applications. Mr. McElhaney is an interest owner in a tract of land that is part of a subdivision more than 1 mile from both proposed wells.

Mr. McElhaney's identified interest is located in Block 112, Lot 15 in the N/2 of Section 14, Township 24 South, Range 28 East (the "McElhaney Lot"). Matador's analysis credits him with a mineral interest of approximately 0.005 net mineral acres or a 1/12 interest in the minerals under the McElhaney Lot.

The attached map shows the distance from the McElhaney Lot to both the Malaga #4 and Malaga #5 well locations (1.17 miles from #4 and 1.19 miles from #5). The second attachment is an excerpt from a title opinion that reflects the basis for Mr. McElhaney's fraction of a mineral interest under the Block 112, Lot 15.

Because some of the subdivided lots were within the 1-mile radius of the proposed wells, all interest owners in the subdivision area were included in the notice for both wells, even though only those within the 1-mile radius were required to be noticed. Accordingly, Mr. McElhaney received notice of the C-108 applications when he should not have been because his property is more than 1 mile from both wells.

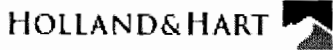
Because Mr. McElhaney's interest falls outside the prescribed notice area, his objection should be dismissed. Please advise whether the Division has any questions regarding the determination of the distance, why Mr. McElhaney was given notice, or the basis for our request to dismiss his objection.

We appreciate your consideration of this request and are willing to provide any additional information that might be helpful.

Sincerely,
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](#)



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From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, May 1, 2018 1:40 PM
To: Adam Rankin <AGRankin@hollandhart.com>
Cc: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>; Lowe, Leonard, EMNRD <Leonard.Lowe@state.nm.us>; Jones, William V, EMNRD <WilliamV.Jones@state.nm.us>; Dawson, Scott, EMNRD <Scott.Dawson@state.nm.us>
Subject: Notification of Protest for Application to Inject - Malaga SWD No. 5

RE: Malaga SWD Well No. 5 (API 30-015-44571; Admin. Appl. No. pMAM1805746728) Unit L; Sec 12, T24S, R28E, NMPM, Eddy County

Mr. Rankin:

OCD was notified by David McElhaney that he is protesting this application. This party is identified as an affected person for the location being considered for the application. You are being notified that if Black Water River Management LLC wishes for this application to be considered, they must either go to hearing or may be reviewed administratively if the protest is withdrawn as a result of a negotiated resolution with this party. The application will be retained pending resolution of the protest. Please continue to provide OCD with information regarding the standing of this application. Please me call with any questions on this matter.

Contact Information:

Mr. David McElhaney
315 East Forest Lane
Mustang, Ok 73064-4114

Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us

■ **FREEMAN MILLS PC**

Division Order Title Opinion

Tiger N½ Unit

N½ Section 14, Township 24 South, Range 28 East, N.M.P.M

Eddy County, New Mexico

which included Block 108, Lot 8, to the above-named Trustees, (iii) the Last Will and Testament of Jasper H. McKeehan gave the above-named Trustees a power to sell Block 108, Lot 8, and (iv) the Court authorized and directed the above-named Trustees to execute and deliver to B. E. Seeley a Deed for Block 108, Lot 8. Based on the above-referenced information we have credited title to Block 108, Lot 8, in B. E. Seeley.

Requirement No. 22(a)

Provide for our review the above-referenced Application in the District Court of Iowa, praying for an order authorizing the Trustees to make a sale of Block 108, Lot 8, and a Court Order directing the sale. In addition, provide for our review all documents concerning the Administration of the Estate of Jasper H. McKeehan including the Last Will and Testament of Jasper H. McKeehan. We reserve further comment and requirement.

Requirement No. 22(b)

Investigate whether an Administration of the Estate of Jasper H. McKeehan has been performed in New Mexico. If it has, provide the Probate Materials for our review. If it has not, an Administration for the Estate of Jasper H. McKeehan must be conducted in Eddy County, New Mexico, and submitted for our review.

23. BLOCK 112, LOT 15

By probate proceedings filed in the County Court of Oklahoma County, Oklahoma, under Cause No. 23,835, styled as *In the Matter of the Estate of J. G. Duncan, Deceased*, recorded in Eddy County Official Public Records Book 1019, page 704, Nancy Edna Duncan obtained Block 112, Lot 15. The Materials Examined include two Affidavits of Heirship dated April 27, 1987, executed by Mrs. J. G. Duncan, recorded in Eddy County Miscellaneous Records Book 278, page 537, and Book 278, page 535, which indicate that: (i) J. G. Duncan died testate in November of 1944, (ii) Nancy Duncan died on May 15, 1976, and (iii) J. G. Duncan and Nancy Duncan had 3 kids: James Gard Duncan (alive), Paul Crockett Duncan (who died in April of 1968), and Ruth Edna Duncan (who died in June of 1977). The Affidavits do not indicate whether Nancy Edna Duncan died testate or intestate, however, for purposes of this Opinion we have assumed that Nancy Edna Duncan died intestate.

The Materials Examined also include proceedings filed in the District Court of Oklahoma County, State of Oklahoma, under Cause No. P-78-644, styled as *In the Matter of the Judicial Determination of the Death of Nancy Edna Duncan Joint Tenant*, recorded in Eddy County Official Public Records Book 1019, page 692, that concerns lands situated in Oklahoma and that does not concern the Subject Property. However, the above-referenced Court proceedings indicate that all heirs of Nancy Edna Duncan alive at the time of the Court proceedings were: J. Gard Duncan, John Duncan McElhaney, Ray Crockett McElhaney, David McElhaney, Paul C. Duncan, Jr., and William T. Duncan. The relationship of all the heirs to Nancy Edna Duncan is not entirely clear. For purposes of this Opinion, we have assumed that Paul C. Duncan, Jr. and William T. Duncan were the only kids of Paul Crockett Duncan. The Materials Examined include Probate proceedings for the Estate of Ruth Edna McElhaney, Deceased, filed as Cause No. P 77-122 in the District Court of Cleveland County, Oklahoma, which indicate that John Duncan McElhaney, Ray Crockett McElhaney, and David McElhaney, were the only children of Ruth Edna Duncan.

■ **FREEMAN MILLS PC**

Division Order Title Opinion

Tiger N½ Unit

N½ Section 14, Township 24 South, Range 28 East, N.M.P.M

Eddy County, New Mexico

Consequently, we have credited ownership of Block 112, Lot 15, in the following parties, or their heirs and assigns:

James Gard Duncan (son of Nancy Edna Duncan) – undivided 1/3 as his separate property

Jeannie McElhancy (1/4 residuary beneficiary of Ruth Edna McElhancy) undivided 1/12 as her separate property

David F. McElhancy (1/4 residuary beneficiary of Ruth Edna McElhancy) undivided 1/12 as his separate property

Paul Duncan McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as his separate property

Diane Denise McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as her separate property

Crockett Lee McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as his separate property

Carrie Leigh McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as her separate property

Tammy McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as her separate property

Paula Ruth Kauline McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as her separate property

David Mark McElhancy (1/14 residuary beneficiary of Ruth Edna McElhancy) undivided 1/42 as his separate property

Paul C. Duncan, Jr. (son of Paul Crockett Duncan) – undivided 1/6 as his separate property

William T. Duncan (son of Paul Crockett Duncan) – undivided 1/6 as his separate property

Subsequently, by Joint Tenancy Quit Claim Deed dated June 27, 1977, recorded in Eddy County Deed Records Book 236, page 50, J. G. Duncan conveyed Block 112, Lot 15, and other lands to J. G. Duncan and John G. Duncan, father and son, as joint tenants and not as tenants in common, with full rights of survivorship. The above referenced Quit Claim Deed was signed by “Gard Duncan also known as J. G. Duncan.” We have assumed that James Gard Duncan (son of Nancy Edna Duncan) was the same person as “Gard Duncan also known as J. G. Duncan” who executed the above-referenced Quit Claim Deed and, consequently, after the Quit Claim Deed was executed, an undivided 1/3 interest in Block 112, Lot 15, was owned by James Gard Duncan and John G. Duncan, as joint tenants with full rights of survivorship.

■ **FREEMAN MILLS PC**

Division Order Title Opinion

Tiger N $\frac{1}{2}$ Unit

N $\frac{1}{2}$ Section 14, Township 24 South, Range 28 East, N.M.P.M

Eddy County, New Mexico

The Materials Examined include a Warranty Deed (Joint Tenants) dated April 16, 1998, recorded in Eddy County Official Public Records Book 314, page 851, by which John G. Duncan, a married man dealing in his sole and separate property, purported to convey Block 112, Lot 15, to James S. Witt III and Ina L. Witt, as joint tenants. The Warranty Deed was not executed by James Gard Duncan. However, for purposes of this Opinion we have assumed that James Gard Duncan died prior to the time the above-referenced Warranty Deed (Joint Tenants) was executed, leaving John G. Duncan as the surviving joint tenant and, consequently, the owner of the undivided $\frac{1}{3}$ interest in Block 112, Lot 15.

James S. Witt III, Terri Marie Evans, and John T. Witt, successors in interest to James S. Witt III and Ina L. Witt, subsequently executed Oil and Gas Lease Nos. 55 and 56 which cover a combined one-third of the mineral estate of Block 112, Lot 15.

The Materials Examined include the Tax Deed dated July 28, 2016, recorded in Eddy County Official Public Records Book 1089, page 413, in which the Property Tax Division of the Taxation and Revenue Department of the State of New Mexico conveyed Block 112, Lot 15, to Cruz O. Ornelas, as the result of foreclosure on a tax lien arising January 1, 2012. In New Mexico, when there has been a partial severance of the minerals from the surface estate, the entire mineral estate must be assessed for taxes separately from the surface estate. Consequently, unless the mineral estate has been separately assessed and included in the delinquent tax suit, the sale of those lands for delinquent taxes would include the surface estate only. We have not been provided with the tax suit that resulted in the referenced Tax Deed. We note that only one delinquent tax account number is referenced in the Deed. For purposes of this Opinion we have assumed the Tax Deed only affects title to the surface estate of Block 112, Lot 15.

Requirement No. 23(a)

An Ancillary Probate or a Foreign Domiciliary Proceeding must be conducted in New Mexico for the Estate of J. G. Duncan and submitted for our review.

Requirement No. 23(b)

Investigate whether Nancy Edna Duncan died testate or intestate. In addition, investigate whether an Administration of the Estate of Nancy Edna Duncan has been performed in New Mexico. If it has, provide the Probate Materials for our review. If it has not, an Administration for the Estate of Nancy Edna Duncan must be conducted in Eddy County, New Mexico, and submitted for our review.

Requirement No. 23(c)

Confirm that Paul Crockett Duncan predeceased Nancy Edna Duncan. In addition, confirm that Paul C. Duncan, Jr. and William T. Duncan were the only children of Paul Crockett Duncan. If Paul Crockett Duncan did not predecease Nancy Edna Duncan or if Paul C. Duncan, Jr., and William T. Duncan were not the only children of Paul Crockett Duncan, then resubmit the matter for further comment and requirement.

■ **FREEMAN MILLS PC**

Division Order Title Opinion

Tiger N½ Unit

N½ Section 14, Township 24 South, Range 28 East, N.M.P.M

Eddy County, New Mexico

Requirement No. 23(d)

Confirm that James Gard Duncan (son of Nancy Edna Duncan) was the same person as “Gard Duncan also known as J. G. Duncan” who executed the above-referenced Quit Claim Deed. If he was not the same person, then resubmit the matter to us for further comment and requirement. In addition, confirm that John G. Duncan was the son of James Gard Duncan (son of Nancy Edna Duncan). If he was not, then resubmit the matter to us for further comment and requirement.

Requirement No. 23(e)

Confirm that James Gard Duncan (son of Nancy Edna Duncan) was deceased prior to the Warranty Deed (Joint Tenants) dated April 16, 1998, recorded in Eddy County Official Public Records Book 314, page 851, was executed. If he was not, resubmit the matter for further comment and requirement.

Requirement No. 23(f)

Submit for our review the delinquent tax suit that resulted in the Deed dated July 28, 2016, recorded in Eddy County Official Public Records Book 1089, page 413. We reserve further comment and requirement.

24. TAX SALE – TRACT 10, BLOCK 26, LOT 7, AND BLOCK 115, LOT 5

The Materials Examined include probate proceedings for the Estate of Talmadge F. Gleaton, Deceased, filed as Estate No. 89-409 in the Probate Court of Clayton County, Georgia, and recorded in Eddy County Official Public Records Book 67, page 497, in which Talmadge F. Gleaton devised his mineral interests in Eddy County, New Mexico, including his undivided one-third (1/3) interest in the mineral estate of Tract 10, Block 26, Lot 7, and Block 115, Lot 5, to Lyman W. Barnes, and the residue of his estate, including his one-third interest in the surface estate of those same lands, to Grace Gleaton Barber. If effect were given to the Last Will and Testament of Talmadge F. Gleaton, Tract 10, Block 26, Lot 7, and Block 115, Lot 5, would have been vested in the Estate of David L. Barnes (1/3), Harold W. Barnes (1/3), Lyman W. Barnes (1/3 mineral estate), and Grace Gleaton Barber (1/3 surface estate). Subsequently, by Deed dated May 18, 2005, recorded in Eddy County Official Public Records Book 603, page 1055, the Property Tax Division of the Taxation and Revenue Department of the State of New Mexico conveyed Tract 10, Block 26, Lot 7, and Block 115, Lot 5, to Brad D. Burks. In New Mexico, when there has been a partial severance of the minerals from the surface estate, the entire mineral estate must be assessed for taxes separately from the surface estate.²⁴ Consequently, unless the mineral estate has been separately assessed and included in the delinquent tax suit, the sale of those lands for delinquent taxes would include the surface estate only.²⁵ However, because Talmadge F. Gleaton’s Estate was never administered in New Mexico, title to the referenced lands would not have passed from his Estate. Thus, there was no mineral severance in the referenced

²⁴ *Kaye v. Cooper Grocery Co.*, 63 N.M. 36 (1957).

²⁵ *Id.* at 43.

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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May 9th, 2018

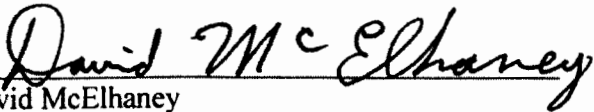
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Ladies and Gentlemen:

I hereby withdraw my protests for the following Salt Water Disposal Wells that are proposed to be drilled and completed by Black River Water Management Company, LLC:

- Malaga SWD No. 4 well (API No. 30-015-44514)
- Malaga SWD No. 5 well (API No. 30-015-44571)

Sincerely,


David McElhaney
315 E. Forest Ln.
Mustang, OK 73064-4114

Goetze, Phillip, EMNRD

From: Bart Barton <bart@bartonoil.com>
Sent: Thursday, May 3, 2018 1:09 PM
To: Goetze, Phillip, EMNRD
Cc: McMillan, Michael, EMNRD
Subject: Re: File a protest

Protest Notice:

1. Malaga SWD # 4 (API No. 30-015-44514) Devonian
2. Malaga SWD #5 (API No. 30-015-44571) Devonian

This protest is filed by:

Roy G. Barton III

Managing Member of Trove Energy LLC
1919 N Turner St
Hobbs NM 88240

Phone: 512-293-5493
email: bart@bartonoil.com

On Thu, May 3, 2018 at 10:34 AM, Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us> wrote:

Mr. Barton:

You can file a protest immediately by forwarding an e-mail with the following information:

1. The application being protested: Well name, well location (API number if applicable), and injection interval, and
2. Identification of the party protesting along with contact information.

You may also include the date you received the application and the reason for the protest (correlative rights, impact to hydrocarbon potential, etc.) but it is not mandatory. You and the applicant will receive an e-mail confirmation regarding the protest and the options for resolution. So, the sooner the better. 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: Bart Barton <bart@bartonoil.com>
Sent: Thursday, May 3, 2018 10:25 AM
To: Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: File a protest

Phillip,

Good morning, I'm following up my voicemail this morning.

I need to file a protest on a SWD well applications before the (fast approaching) deadline. Can you let me know what procedures to follow to get those in?

I'll be checking email and phone so either is great.

Thanks,

Bart Barton

512-293-5493

May 16, 2018

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

Ladies and Gentlemen:

Trove Energy LLC hereby withdraws its protests for the following Salt Water Disposal Wells that are proposed to be drilled and completed by Black River Water Management Company, LLC:

- Malaga SWD No. 4 well (API No. 30-015-44514)
- Malaga SWD No. 5 well (API No. 30-015-44571)

Sincerely,

TROVE ENERGY LLC

By: Roy G. Barton III
Name: Roy G. Barton III
Title: Managing Member