FORM NO. 2 4/2009

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ARM 36.22.307, 601, 605, 1003, 1004, 1011, 1013, 1103, 1222, 1240, 1301, 1306, 1309, and 1417

Submit In Quadruplicate To:

MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

SUNDRY NOTICES AND REPORT OF WELLS

Operator: PHOENIX OPERATING LLC

Address: 4643 SOUTH ULSTER STREET, SUITE 1510

City: DENVER State: CO Zip Code: 80237

Telephone: 303-548-1953 Fax:

Lease Name: EASTWOOD

Type (Private/State/Federal/Tribal/Allotted): Private

Well Number: 1 SWD

Location of well (1/4-1/4 section and footage measurements): SWSE Section 32, T26N, R56E, 416' FSL & 2083' FEL

Unit Agreement Name:

Field Name or Wildcat: Wildcat

Township, Range, and Section: Section 32, T26N, R56E

API Number: 25 | | | (State | County | Well)

Well Type (oil, gas, injection, other): INJECTION

County: Richland

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	☐	Subsequent Report of Mechanical Integrity Test	☐
Notice of Intention to Run Mechanical Integrity Test	☐	Subsequent Report of Stimulation or Treatment	☐
Notice of Intention to Stimulate or to Chemically Treat	☐	Subsequent Report of Perforation or Cementing	☐
Notice of Intention to Perforate or to Cement	☐	Subsequent Report of Well Abandonment	☐
Notice of Intention to Abandon Well	☐	Subsequent Report of Pulled or Altered Casing	☐
Notice of Intention to Pull or Alter Casing	☐	Subsequent Report of Drilling Waste Disposal	☐
Notice of Intention to Change Well Status	☐	Subsequent Report of Production Waste Disposal	☐
Supplemental Well History	☐	Subsequent Report of Change in Well Status	☐
Other (specify) Intent to drill and complete a	☒	Subsequent Report of Gas Analysis (ARM 36.22.1222)	☐
Class II Injection Well	☐		☐

Describe Proposed or Completed Operations:

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

Phoenix respectfully requests approval to drill and complete a disposal well at the above-referenced location for the injection of Class II E&P waste. Notice has been provided to all parties within the quarter mile area of review.

An application for hearing has been docketed with the Montana Board of Oil and Gas Conservation and is scheduled for Thursday, December 10th, 2026.

BOARD USE ONLY

Approved _____
Date

Name Title

The undersigned hereby certifies that the information contained on this application is true and correct:

10/27/2026
Date

Signed (Agent)

Meaghan Coughlan, Sr. Regulatory Specialist
Print Name and Title

Telephone: 973-991-4262

PHOENIX | OPERATING COMPANY

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October 27, 2026

Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

Attn: Mr. John Gizicki
UIC Program Manager

RE: Application for UIC Permit and Authorization to Drill a Class II Injection Well
Location of proposed Disposal Well & Facility: EASTWOOD 1 SWD
SWSE, Section 32, Township 26N, Range 56E. P.M.M.
Richland County, Montana

Dear Mr. Gizicki,

Phoenix Operating LLC (Phoenix) respectfully requests approval of an Underground Injection Control (UIC) permit for the referenced location and as described in the attached application. Phoenix has provided notice to the appropriate parties within ¼ mile area of review of the proposed well location and requests that the application be placed on the docket for the MBOGC hearing scheduled December 10th, 2026.

If you have any questions concerning the enclosed application, please do not hesitate to reach out.

Sincerely,

Tori Siemieniewski
Director – Bakken Regulatory
Phoenix Operating LLC
701-870-2961

David Scadden
Chief Operating Officer, Partner
Phoenix Operating LLC
307-214-7909

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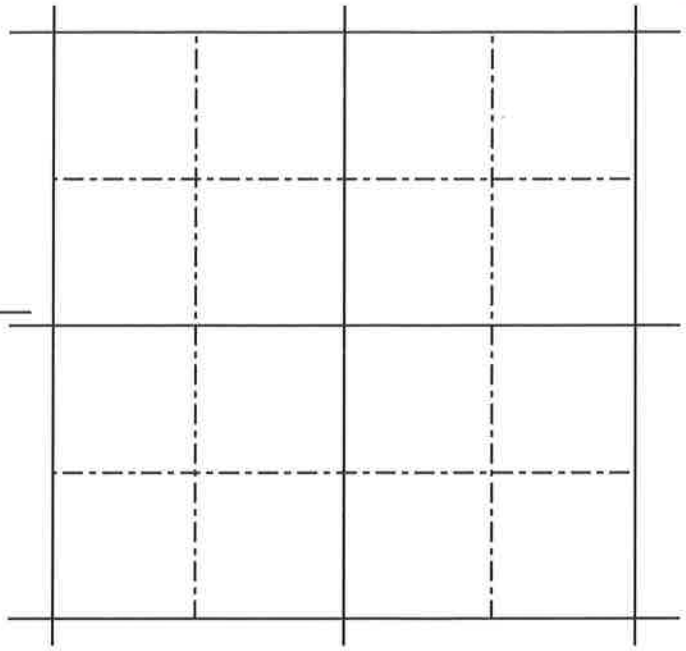
SUPPLEMENTAL INFORMATION

NOTE: Additional information or attachments may be required by Rule or by special request.

Plot the location of the well or site that is the subject of this notice or report.

Range _____

Township _____



BOARD USE ONLY	CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

Failure to comply with the conditions of approval may void this permit.

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UIC Plan
EASTWOOD 1 SWD

1. Operator Description

Phoenix Operating LLC
4643 South Ulster Street, Suite 1510
Denver, CO 80237

2. Proposed Well Location

Well Name:	EASTWOOD 1 SWD
Location:	416' FSL & 2083' FEL, Section 32, T26N, R56E, Richland County.
Field:	Wildcat
Ungraded Ground Elevation:	2235'
Finished Pad Elevation:	2247'

3. Lithologic Description of the Proposed Injection & Confining Zone

Injection Zone: Inyan Kara Formation

Estimated Top: 5243' TVD
Estimated Thickness: 311'
Description: consists of alternating fluvial deltaic sandstones, siltstones, and shales varying thickness and lateral extent. Stratigraphic variability in the Inyan Kara is generally interpreted to be the result of multiple episodes of erosion and subsequent channel-filling.

Upper Confining Zone: Mowry Formation

Estimated Top: 4747' TVD
Estimated Thickness: 496'
Description: medium to dark gray, soft, flaky, often bentonitic, shale. Lower Cretaceous Dakota Group consists of offshore marine shales and bentonitic claystone.

Lower Confining Zone: Swift Formation

Estimated Top: 5554' TVD
Estimated Thickness: 595'
Description: dark gray to greenish, fissile, waxy, silty, and often calcareous shale. The Jurassic Swift formation lies conformably below the Inyan Kara. The Swift is made up of shallow marine shale and siltstone.

*Offset geologic tops calculated from Eldridge 7-31(API#25083212610000).

4. Maximum Injection Pressure Calculation

Maximum injection pressure was determined utilizing the following formula in accordance with §146.23

MSIP = (Depth of Perf(TVD)) * (Frac. Grad.) - (Water Grad.)*(SG Injectate)*(Depth of Perf)

MSIP = Maximum Surface Injection Pressure (measured at surface)
Depth of Perf = Top Perf (TVD)
0.733 psi/ft = Fracture Gradient
0.433 psi/ft = Freshwater gradient, psi/ft.
SG Injectate = specific gravity (of injected fluid from produced water samples)
0.433 = freshwater gradient, psi/ft.

MSIP = (5554 *.733) - (0.433*1.03) * 5554
MSIP = 1595.49 psi

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5. Proposed Injection Program

The Operator plans to drill a saltwater injection well and inject into the Inyan Kara formation of the Dakota Group. See above sections 4 and 5 for proposed injection volume and pressure maximums. The well has no plans to take third party volumes at this time. The proposed well is to be utilized by wells drilled from the same well pad. See appendix C for well list. No truck unloading is currently planned.

6. Facilities Design

The proposed tanks will be constructed of steel in accordance to industry specifications. The design and construction of each bulk storage container will be compatible with the characteristics of the product it contains including temperature and pressure conditions. Piping between fixed above ground bulk storage tanks will be supported to minimize stress.

A 3' high metal containment will be constructed around the tank battery. A geomembrane liner shall be installed that extends and overlaps the steel wall containment maintaining continuous impermeable surface. A site perimeter berm approximately 2' high will be installed as well.

Please note: The proposed well is located on site with planned oil wells. The SWD facilities and the oil facilities are co-located within the same berms.

7. Spill Prevention and Monitoring Controls:

In addition to the previously mentioned secondary and tertiary containment (#7), the Operated facilities are equipped with 24-hour SCADA (Supervisory Control and Data Acquisition) remote monitoring systems. Onsite alarms are routed to the local PLC/HMI (Programmable Logic Controller/Human-Machine Interface), and then transmitted to SCADA. This setup enables real-time communication of potential issues at remote production facilities, significantly reducing detection time. The system alerts Operations personnel, allowing them to respond promptly and mitigate any concerns before they escalate into incidents. Below are some of the associated alarms:

- Tank alarms: Each tank is equipped with a high-level alarm. If the fluid level continues to rise, an additional alarm is triggered to close the Emergency Shut Down Valve (ESDV) on the facility's inlet streams, preventing more fluid from entering the tank.

- Separator alarms: Each treater is fitted with a high-level alarm. Should the level continue rising, a secondary alarm will initiate closure of the ESDV on the facility's inlet streams to halt additional fluid inflow.

- Additional SCADA monitoring includes: tubing pressure, vibration monitoring, and low- and high-flow alarms, among others.

In accordance with EPA regulations, a SPCC (Spill Prevention, Control, and Countermeasure) Plan will be implemented within six months of commissioning. The plan evaluates site-specific measures for spill prevention and control, and outlines documented response protocols. The Operator currently conducts regular SPCC inspections to ensure compliance with applicable regulations. Additionally, annual SPCC training is mandatory for all personnel handling oil.

8. Appendices

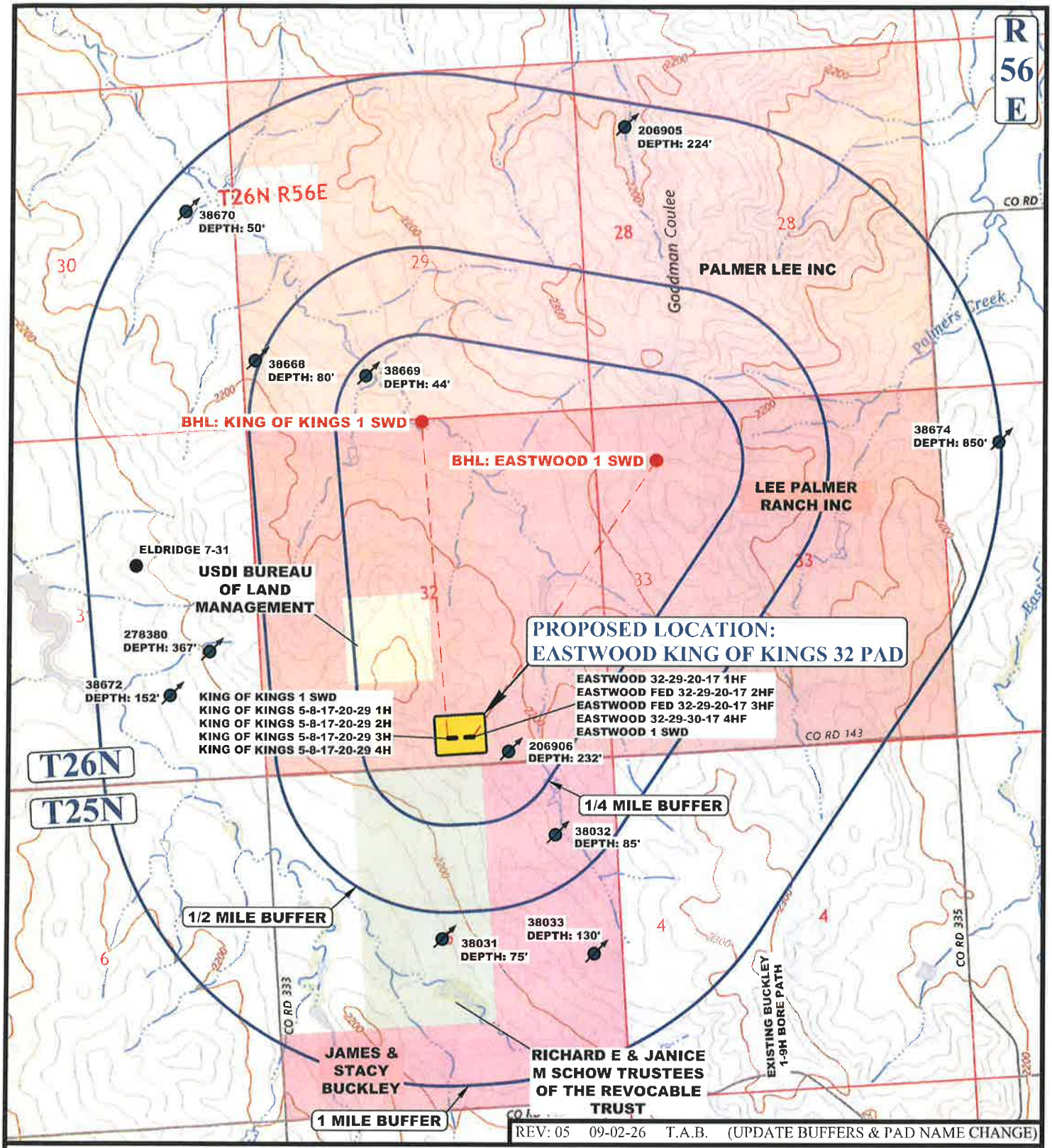
i. AOR Maps
ii. FW SAMPLE ANALYSIS
iii REPRESENTATIVE LOG
iv. WATER ANALYSIS (2 SOURCE WELLS)
v. DRILLING & COMPLETIONS PLAN
vi. WBD
vii. LIST OF OWNERS (Surface & Mineral) WITHIN 1/4 MILE
viii. AFFIDAVIT OF MAILING
ix. EXAMPLE OF LANDOWNER NOFITICATIONS (SURFACE & MINERAL)

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Appendix I
AOR MAP
EASTWOOD 1 SWD



REV: 05 09-02-26 T.A.B. (UPDATE BUFFERS & PAD NAME CHANGE)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- OIL/GAS WELLS
- WATER WELLS

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UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

UINTAH ENGINEERING & LAND SURVEYING

N

PHOENIX OPERATING LLC

EASTWOOD KING OF KINGS 32 PAD
SW 1/4 SE 1/4, SECTION 32, T26N, R56E, P.M.M.
RICHLAND COUNTY, MONTANA

SURVEYED BY	Q.M., A.K.	12-07-25	SCALE
DRAWN BY	A.M.	12-08-25	1 : 24,000
WELL PROXIMITY MAP			TOPO C

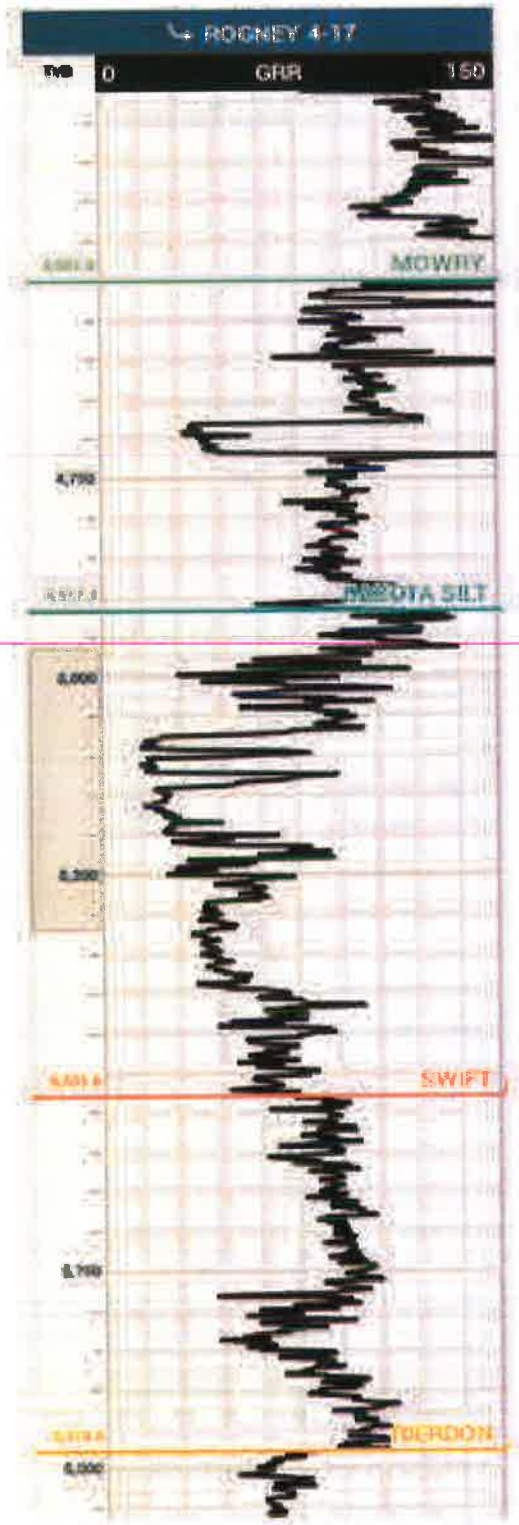
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Appendix III
REPRESENTATIVE LOG
EASTWOOD 1 SWD

Well: RODNEY 4-17
API: 25085213880000



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Appendix IV
WATER ANALYSIS
EASTWOOD 1 SWD

See below for source well list. Phoenix Operating is currently permitting multiple wells on the same pad location as this proposed SWD. The Operator plans to only inject water from on pad wells. However, the sample included is representative of produced water in the area and was obtained from the nearby KATANA 1 SWD well.

File No:	Well Name:	Permit Status
TBD	EASTWOOD 32-29-20-17 1HF	Submitted
TBD	EASTWOOD FED 32-29-20-17 2HF	Submitted
TBD	EASTWOOD FED 32-29-20-17 3HF	Submitted
TBD	EASTWOOD 32-29-20-17 4HF	Submitted
33299	EX-PRESIDENTS 5-8-17-20-29 1H (KING OF KINGS 5-8-17-20-29 1H)	Approved
33300	EX-PRESIDENTS 5-8-17-20-29 2H (KING OF KINGS 5-8-17-20-29 2H)	Approved
33301	EX-PRESIDENTS 5-8-17-20-29 3H (KING OF KINGS 5-8-17-20-29 3H)	Approved
33302	EX-PRESIDENTS 5-8-17-20-29 4H (KING OF KINGS 5-8-17-20-29 4H)	Approved

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

July 31, 2026

Christina Jungels
Astro-Chem Lab, Inc.
4102 2nd Ave. W.
Williston, ND 58801

RE: Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Dear Christina Jungels:

Enclosed are the analytical results for sample(s) received by the laboratory on July 24, 2026. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Andrea Richardson

Andrea Richardson
andrea.richardson@pacelabs.com
(218)341-6080
Project Manager

Enclosures

cc: Accounts Payable, Astro-Chem Lab, Inc.

REPORT OF LABORATORY ANALYSIS

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Section 4: Results 6
Section 5: Quality Control 7
Section 6: Qualifiers 15
Section 7: QC Cross Reference 16
Section 8: Chain of Custody 17
8.1: Chain of Custody 17

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Pace Analytical Services, LLC
1700 Elm Stree
Minneapolis, MN 5541
(612)607-170

CERTIFICATIONS

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
Alaska Contaminated Sites Certification #: 17-009
Arizona Certification #: AZ0014
Arkansas WW Certification #: 88-0680
Colorado Certification #: MN00064
DoD via A2LA Certification #: 2926.01
Florida Certification #: E87605
Idaho Certification #: MN00064
Indiana Certification #: C-MN-01
ISO/IEC 17025 via A2LA Certification #: 2926.01
Kentucky DW Certification #: 90062
Louisiana DEQ Certification #: AI-03086
Maine Certification #: MN00064
Michigan Certification #: 9909
Minnesota Dept of Ag Approval via Certification #: 027-053-137
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nevada Certification #: MN00064
New Jersey Certification #: MN002
North Carolina DW Certification #: 27700
North Dakota Certification via A2LA #: R-036
Ohio DW Certification #: 41244
Oklahoma Certification #: 9507
Oregon Secondary Certification #: MN200001
Puerto Rico Certification #: MN00064
Tennessee Certification #: TN02818
Utah Certification #: MN00064
Virginia Certification #: 460163
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
USDA Permit #: P330-19-00208

Alabama Certification #: 40770
Alaska DW Certification #: MN00064
Arkansas DW Certification #: MN00064
California Certification #: 2929
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Georgia Certification #: 959
Illinois Certification #: 200011
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky WW Certification #: 90062
Louisiana DW Certification #: MN00064
Maryland Certification #: 322
Minnesota Certification #: 027-053-137
Minnesota Petrofund Registration #: 1240
Missouri Certification #: 10100
Nebraska Certification #: NE-OS-18-06
New Hampshire Certification #: 2081
New York Certification #: 11647
North Carolina WW Certification #: 530
North Dakota Certification via MN #: R-036
Ohio VAP Certification (1700) #: CL101
Oregon Primary Certification #: MN300001
Pennsylvania Certification #: 68-00563
South Carolina Certification #:74003001
Texas Certification #: T104704192
Vermont Certification #: VT-027053137
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
Wyoming UST Certification via A2LA #: 2926.01

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SAMPLE SUMMARY

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10781492001	**Katana 1 SWD 4028**	Water	07/15/26 15:00	07/24/26 09:05

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SAMPLE ANALYTE COUNT

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10781492001	**Katana 1 SWD 4028**	EPA 6010D	IP	9	PASI-M
		SM 2320B	KEO	3	PASI-M
		SM 2540C	NRO	1	PASI-M
		SM 4500-H+B	KEO	1	PASI-M
		SM 2510	KEO	1	PASI-M
		ASTM D5057	NRO	1	PASI-M
		EPA 300.0	AR3	2	PASI-M
		EPA 353.2	JFP	1	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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ANALYTICAL RESULTS

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Sample: Katana 1 SWD 4028 **Lab ID: 10781492001** Collected: 07/15/26 15:00 Received: 07/24/26 09:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis							
Barium	**1430**	ug/L	50.0	5	07/27/26 05:45	07/27/26 16:35	7440-39-3	
Calcium	**1680000**	ug/L	2500	5	07/27/26 05:45	07/27/26 16:35	7440-70-2	
Chromium	ND	ug/L	50.0	5	07/27/26 05:45	07/27/26 16:35	7440-47-3	D3
Iron	**3470**	ug/L	250	5	07/27/26 05:45	07/27/26 16:35	7439-89-6	
Magnesium	**101000**	ug/L	2500	5	07/27/26 05:45	07/27/26 16:35	7439-95-4	
Potassium	**921000**	ug/L	25000	10	07/27/26 05:45	07/27/26 16:47	7440-09-7	
Sodium	**11300000**	ug/L	100000	100	07/27/26 05:45	07/27/26 16:50	7440-23-5	
Strontium	**125000**	ug/L	500	100	07/27/26 05:45	07/27/26 16:50	7440-24-6	
Zinc	**116**	ug/L	100	5	07/27/26 05:45	07/27/26 16:35	7440-66-6	
2320B Alkalinity	Analytical Method: SM 2320B Pace Analytical Services - Minneapolis							
Alkalinity, Total as CaCO3	**476**	mg/L	5.0	1		07/28/26 13:18		
Alkalinity,Bicarbonate (CaCO3)	**476**	mg/L	5.0	1		07/28/26 13:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		07/28/26 13:18		
2540C Total Dissolved Solids	Analytical Method: SM 2540C Pace Analytical Services - Minneapolis							
Total Dissolved Solids	**39000**	mg/L	2500	1		07/25/26 13:48		1M,H3
4500H+ pH, Electrometric	Analytical Method: SM 4500-H+B Pace Analytical Services - Minneapolis							
pH at 25 Degrees C	**7.1**	Std. Units	0.10	1		07/29/26 10:22		H6
SM2510 Specific Conductance	Analytical Method: SM 2510 Pace Analytical Services - Minneapolis							
Specific Conductance	**74000**	umhos/cm	5.0	1		07/28/26 10:12		
Specific Gravity	Analytical Method: ASTM D5057 Pace Analytical Services - Minneapolis							
Specific Gravity	**1.03**			1		07/31/26 15:55		N2
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis							
Chloride	**23900**	mg/L	144	120		07/27/26 00:05	16887-00-6	
Sulfate	**728**	mg/L	60.0	50		07/25/26 03:29	14808-79-8	D3
353.2 Nitrate + Nitrite	Analytical Method: EPA 353.2 Pace Analytical Services - Minneapolis							
Nitrogen, NO2 plus NO3	ND	mg/L	0.10	1		07/26/26 10:02		

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1700 Elm Street
Minneapolis, MN 55414
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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077452
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D Water
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

5

METHOD BLANK: 5599362 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium	ug/L	ND	10.0	07/27/26 16:12	
Calcium	ug/L	ND	500	07/27/26 16:12	
Chromium	ug/L	ND	10.0	07/27/26 16:12	
Iron	ug/L	ND	50.0	07/27/26 16:12	
Magnesium	ug/L	ND	500	07/27/26 16:12	
Potassium	ug/L	ND	2500	07/27/26 16:12	
Sodium	ug/L	ND	1000	07/27/26 16:12	
Strontium	ug/L	ND	5.0	07/27/26 16:12	
Zinc	ug/L	ND	20.0	07/27/26 16:12	

LABORATORY CONTROL SAMPLE: 5599363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	1000	1050	105	80-120	
Calcium	ug/L	20000	19500	98	80-120	
Chromium	ug/L	1000	1030	103	80-120	
Iron	ug/L	20000	20800	104	80-120	
Magnesium	ug/L	20000	20400	102	80-120	
Potassium	ug/L	20000	20400	102	80-120	
Sodium	ug/L	20000	20400	102	80-120	
Strontium	ug/L	1000	1050	105	80-120	
Zinc	ug/L	1000	000	00	80 120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5599364 5599365

Parameter	Units	10781558001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Barium	ug/L	647	1000	1000	1690	1710	104	106	75-125	1	20	
Calcium	ug/L	64500	20000	20000	83500	83700	95	96	75-125	0	20	
Chromium	ug/L	499	1000	1000	1510	1530	101	103	75-125	1	20	
Iron	ug/L	12900	20000	20000	33100	32900	101	100	75-125	0	20	
Magnesium	ug/L	12300	20000	20000	33600	34100	107	109	75-125	1	20	
Potassium	ug/L	182000	20000	20000	209000	218000	132	179	75-125	4	20	P6
Sodium	ug/L	53800	20000	20000	73600	73800	99	100	75-125	0	20	
Strontium	ug/L	161	1000	1000	1180	1210	102	104	75-125	2	20	
Zinc	ug/L	1060	1000	1000	1980	1990	92	93	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077781
QC Batch Method: SM 2320B
Analysis Method: SM 2320B
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

5

METHOD BLANK: 5600831 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	07/28/26 11:02	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	07/28/26 11:02	N2
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	07/28/26 11:02	N2

LABORATORY CONTROL SAMPLE & LCSD: 5600832 5600833

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	40	40.8	41.0	102	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5600834 5600835

Parameter	Units	10781428001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	149	40	40	190	185	103	90	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5600836 5600837

Parameter	Units	10781428002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	165	40	40	204	210	96	111	80-120	3	20	

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077401
QC Batch Method: SM 2540C
Analysis Method: SM 2540C
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

METHOD BLANK: 5598971 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	07/25/26 13:45	

LABORATORY CONTROL SAMPLE: 5598972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	1000	1000	100	80-120	

SAMPLE DUPLICATE: 5598973

Parameter	Units	10780903001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	14J		10	PL

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1078078
QC Batch Method: SM 4500-H+B
Analysis Method: SM 4500-H+B
Analysis Description: 4500H+B pH
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

5

LABORATORY CONTROL SAMPLE: 5602116

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
pH at 25 Degrees C	Std. Units	5	5.0	101	98-102	H6

SAMPLE DUPLICATE: 5602117

Parameter	Units	10781284002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.1	7.1	0	3	H6

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077743
QC Batch Method: SM 2510
Analysis Method: SM 2510
Analysis Description: SM2510 Specific Conductance
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

METHOD BLANK: 5600747 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Specific Conductance	umhos/cm	ND	5.0	07/28/26 09:51	

LABORATORY CONTROL SAMPLE: 5600748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Specific Conductance	umhos/cm	1000	1050	105	90-110	

SAMPLE DUPLICATE: 5600749

Parameter	Units	10781180001 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Conductance	umhos/cm	16400	16600	1	20	

SAMPLE DUPLICATE: 5600750

Parameter	Units	10781180002 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Conductance	umhos/cm	2010	2120	5	20	

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1078699
QC Batch Method: ASTM D5057
Analysis Method: ASTM D5057
Analysis Description: Spec.Gravity/ASTM D5057
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

5

SAMPLE DUPLICATE: 5605427

Parameter	Units	10781299001 Result	Dup Result	RPD	Max RPD	Qualifiers
Specific Gravity		1.01	1.01	0	20	N2

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077377
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

METHOD BLANK: 5598554 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.2	07/25/26 01:40	
Sulfate	mg/L	ND	1.2	07/25/26 01:40	

LABORATORY CONTROL SAMPLE: 5598555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	200	199	99	90-110	
Sulfate	mg/L	200	199	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5598556 5598557

Parameter	Units	10780812001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloride	mg/L	6.7	200	200	212	211	103	102	80-120	0	20	
Sulfate	mg/L	102	200	200	298	298	98	98	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5598558 5598559

Parameter	Units	10780973002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloride	mg/L	442	400	400	840	840	100	99	80-120	0	20	E
Sulfate	mg/L	23.8	400	400	429	428	101	101	80-120	0	20	

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QUALITY CONTROL DATA

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

QC Batch: 1077416
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10781492001

5

METHOD BLANK: 5599200 Matrix: Water

Associated Lab Samples: 10781492001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	ND	0.10	07/26/26 09:50	

LABORATORY CONTROL SAMPLE: 5599201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	1	0.99	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5599202 5599203

Parameter	Units	10781017001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	0.71	1	1	1.7	1.7	95	95	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5599204 5599205

Parameter	Units	10781017006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	1.5	1	1	2.4	2.4	93	95	90-110	1	20	

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QUALIFIERS

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1M	Constant weight was not achieved after four drying cycles. The residue exhibited a final weight change of >0.5 mg.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
H3	Sample was received or analysis requested beyond the recognized method holding time.
H6	Analysis initiated outside of the 15 minute EPA required holding time.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
PL	The minimum mass of dried residue of 2.5 mg could not be obtained using the routine sample volume of 100 mL.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PHOENIX Operating Katana 1 SWD
Pace Project No.: 10781492

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10781492001	**Katana 1 SWD 4028**	EPA 3010A	1077452	EPA 6010D	1077596
10781492001	**Katana 1 SWD 4028**	SM 2320B	1077781		
10781492001	**Katana 1 SWD 4028**	SM 2540C	1077401		
10781492001	**Katana 1 SWD 4028**	SM 4500-H+B	1078078		
10781492001	**Katana 1 SWD 4028**	SM 2510	1077743		
10781492001	**Katana 1 SWD 4028**	ASTM D5057	1078699		
10781492001	**Katana 1 SWD 4028**	EPA 300.0	1077377		
10781492001	**Katana 1 SWD 4028**	EPA 353.2	1077416		

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Appendix VII
LAND OWNERSHIP WITHIN 1/4 MILE AOR
EASTWOOD 1 SWD

List of Owners (Surface & Operator) Within 1/4 Mile

Surface Owner(s):

PALMER LEE INC
33548 COUNTY ROAD 144
CULBERTSON, MT 59218

PALMER RANCH INC
33548 COUNTY ROAD 144
CULBERTSON, MT 59218

LEE PALMER INC
33548 COUNTY ROAD 144
CULBERTSON, MT 59218

James R. Buckley and Stacy R. Buckley
33370 Conny Road 143
Culbertson, MT 59218

The Richard E. Schow and Janice M. Schow Revocable Trust 23
North Moccasin Place
Sapulpa, OK 74066

USDI BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
5001 South Gate Drive
BILLINGS, MT 59101

Appendix VIII
AFFIDAVIT OF MAILING
EASTWOOD 1 SWD

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AFFIDAVIT OF MAILING

STATE OF COLORADO §
§
COUNTY OF DENVER §

The undersigned, Paula Frisbee, of lawful age, first duly sworn on her oath states that she is a duly authorized agent of Phoenix Operating LLC, does hereby certify that she has sent (via certified mail) a Notice of Application for Fluid Injection to the surface and lease owners within a radius of ¼ mile from the location of proposed EASTWOOD 1 SWD well and KING OF KINGS 1 SWD well, SW1/4SE1/4 of Section 32, Township 26 North, Range 56 East, Richland County, MT.
The following contains the address and legal description of the landownership for lease owners.

Lease Owner:	Legal Description:
Align Partners, LLC P.O. Box 1292 Dickinson, ND 58602	Sec. 29 and 32: T26N-R56E Richland County, MT
Carolyn Anne Lay 9 Tam O'Shanter Court Little Rock, AR 72212	Sec. 4 and 5: T25N-R56E Richland County, MT
Conoco Phillips Company 925 North Eldridge Parkway Houston, TX 77079	Sec. 29: T26N-R56E Richland County, MT
Donald Pfeifer 3939 South Lookout Little Rock, AR 72205	Sec. 5: T25N-R56E Richland County, MT
Frank W. Newell 420 Walnut Street Unit 4 Little Rock, AR 72205	Sec. 5: T25N-R56E Richland County, MT
Gladys Shuffield 2015 Battery Little Rock, AR 72202	Sec. 4 and 5: T25N-R56E Richland County, MT
H. Elvin Shuffield Jr. 35 Chenal Circle Little Rock, AR 72223	Sec. 4 and 5: T25N-R56E Richland County, MT
James P. Verplancke 231 Birch Street Buffalo, WY 82834	Sec. 4 and 5: T25N-R56E Richland County, MT
Jodi M. Davis 1736 South Jefferson Casper, WY 82601	Sec. 4 and 5: T33N-R58E Richland County, MT
Joseph Eric Shuffield 9201 Kanis Road Apt 175 Little Rock, AR 72205	Sec. 5: T25N-R56E Richland County, MT

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Kirby L. Dasinger
P.O. Box 77
Sidney, MT 59270

Sec. 28, 29, 32, and 33:
T26N-R56E
Richland County, MT

Linda V. Shuffield
11 Belmont Drive
Little Rock, AR 72204

Sec. 4 and 5:
T25N-R56E
Richland County, MT

M & M Energy, Inc.
P.O. Box 1448
Sidney, MT 59270

Sec. 1:
T33N-R58E
Richland County, MT

Mary Lyons Harberg
5555 Del Monte Drive Unit 2006
Houston, TX 77056

Sec. 28, 29, 32, and 33:
T26N-R56E
Richland County, MT

Moss Gas, LLC
111 Center Ste 1900
Little Rock, AR 72201

Sec. 4 and 5:
T25N-R56E
Richland County, MT

Patrick L. Elliott
P.O. Box 1448
Sidney, MT 59270

Sec. 28, 29, 32, and 33:
T26N-R56E
Richland County, MT

Purified Resource Partners, LLC
P.O. Box 77
Sidney, MT 59270

Sec. 29 and 32:
T26N-R56E
Richland County, MT

Ribble Investment Company, LLC
4803 Jefferson Avenue Box 260
Texarkana, AR 71854

Sec. 4 and 5:
T25N-R56E
Richland County, MT

Rocky Mountain Oil, Gas and Minerals, LLC
P.O. Box 4344
Greenwood Village, CO 80155

Sec. 4 and 5:
T25N-R56E
Richland County, MT

Shannan Waddell
101 South Moose Street
Morrilton, AR 72110

Sec. 5:
T25N-R56E
Richland County, MT

Shootin Blanks, Inc.
5885 Creamer Creek Road
La Grange, TX 78945

Sec. 29 and 32:
T26N-R56E
Richland County, MT

Sidney M. Brooks and Irene J. Brooks
124 West Capitol Avenue
Little Rock, AR 72201

Sec. 4:
T25N-R56E
Richland County, MT

The Mary Jo Grisham Trust
1145 West Central Avenue
Harrison, AR 72601

Sec. 4 and 5:
T25N-R56E
Richland County, MT

The Maxwell J. Lyons Revocable Trust
1308 Mellon Street
Little Rock, AR 72207

Sec. 4 and 5:
T25N-R56E
Richland County, MT

The Sorteberg-Peterson Family Farm Trust
34124 County Road 139
Fairview, MT 59221

Sec. 28, 29, 32, and 33:
T26N-R56E
Richland County, MT

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Uinta Petroleum, Inc.
P.O. Box 1448
Sidney, MT 59270

Woodbine Financial Corporation
P.O. Box 52296
Tulsa, OK 74152

Sec. 28, 29, 32, and 33:
T26N-R56E
Richland County, MT

Sec. 4 and 5:
T25N-R56E
Richland County, MT

By: _____ Dated: 10-26-2026
Paula Frisbee, Director of Land and Administration
Phoenix Operating LLC

ACKNOWLEDGMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

On this 26th day of October 2026 before me, a Notary Public, personally appeared Paula Frisbee, Director of Land and Administration known to me to be the person whose name is subscribed to the foregoing instrument as an agent of Phoenix Operating LLC and acknowledged to me that she executed the same as her free act and deed for the purposes therein expressed, in the capacity stated, and as the act and deed of said company.

(Seal)

STEPHANIE SPURLOCK
Notary Public
State of Colorado
Notary ID # 20144012200
My Commission Expires 04-23-2030

_____
Notary Public

My Commission Expires: 4/23/2030

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AFFIDAVIT OF MAILING

STATE OF COLORADO §
§
COUNTY OF DENVER §

The undersigned, Paula Frisbee, of lawful age, first duly sworn on her oath states that she is a duly authorized agent of Phoenix Operating LLC, does hereby certify that she has sent (via certified mail) a Notice of Application for Fluid Injection to the surface owners within a radius of ¼ mile from the location of proposed EASTWOOD 1 SWD well and KING OF KINGS 1 SWD well, SW1/4SE1/4 of Section 32, Township 26 North, Range 56 East, Richland County, MT.
The following contains the address and legal description of landownership for surface owners.

Surface Owner:	Legal Description:
PALMER LEE INC 33548 COUNTY ROAD 144 CULBERTSON, MT 59218	Sec. 28 and 29: T26N-R56E Richland County, MT
PALMER RANCH INC 33548 COUNTY ROAD 144 CULBERTSON, MT 59218	Sec. 32 and 33: T26N-R56E Richland County, MT
LEE PALMER INC 33548 COUNTY ROAD 144 CULBERTSON, MT 59218	Sec. 32 and 33: T26N-R56E Richland County, MT
James R. Buckley and Stacy R. Buckley 33370 County Road 143 Culbertson, MT 59218	Sec. 4 and 5: T25N-R56E Richland County, MT
The Richard E. Schow and Janice M. Schow Revocable Trust 23 North Moccasin Place Sapulpa, OK 74066	Sec. 5: T25N-R56E Richland County, MT
USDI BUREAU OF LAND MANAGEMENT MONTANA STATE OFFICE 5001 South Gate Drive BILLINGS, MT 59101	Sec. 32: T26N-R56E Richland County, MT

By: _____ Dated: 10-26-2026

Paula Frisbee, Director of Land and Administration
Phoenix Operating LLC

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GAS CONSERVATION • BILLINGS

ACKNOWLEDGMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

On this 30th day of June, 2026 before me, a Notary Public, personally appeared Paula Frisbee, Director of Land and Administration, known to me to be the person whose name is subscribed to the foregoing instrument as an agent of Phoenix Operating LLC and acknowledged to me that she executed the same as her free act and deed for the purposes therein expressed, in the capacity stated, and as the act and deed of said company.

_____
Notary Public

(Seal)

STEPHANIE SPURLOCK
Notary Public
State of Colorado
Notary ID # 20144012200
My Commission Expires 04-23-2030

My Commission Expires: 4/23/2030

Appendix IX
LANDOWNER NOTIFICATION LETTERS
EASTWOOD 1 SWD

Examples of Landowner Notification Letters (Surface & Lease)

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PHOENIX | OPERATING COMPANY

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MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

CERTIFIED MAIL

October 27, 2026

To: Lease Owner
Address
City, State, Zip

From: Phoenix Operating LLC
4643 South Ulster Street Suite 1510
Denver, Colorado 80237

Re: Proposed Private Saltwater Disposal Well – EASTWOOD 1 SWD
Surface Hole: 416' FSL & 2083' FEL, SWSE
Section 32, Township 26 North, Range 56 East, Richland County, MT
Bottom Hole: 850' FNL & 950' FWL, NWNW
Section 33, Township 26 North, Range 56 East, Richland County, MT

Proposed Private Saltwater Disposal Well – KING OF KINGS 1 SWD
Surface Hole: 416' FSL & 2473' FEL, SWSE
Section 32, Township 26 North, Range 56 East, Richland County, MT
Bottom Hole: 50' FNL & 2592' FEL, NWNE
Section 32, Township 26 North, Range 56 East, Richland County, MT

This letter is to advise you that Phoenix Operating LLC (Phoenix) plans to drill and complete the subject wells into Class II saltwater disposal wells. Water will be injected into the Dakota group for the purpose of disposal operations.

In accordance with the rules and regulations of the Montana Board of Oil & Gas Conservation (MBOGC), Phoenix is required to give notice that it has made an application to perform this work to each lease owner within a one-quarter mile radius of the injection site. The MBOGC will conduct a hearing regarding this application. For the hearing date, please contact the MBOGC by phone at (406) 656-0040, or visit their website at https://dnrc.mt.gov/BOGC/. Your comments or objections regarding this application may be directed to the MBOGC at that time.

Written comments or objections may be submitted prior to the hearing to the following address:

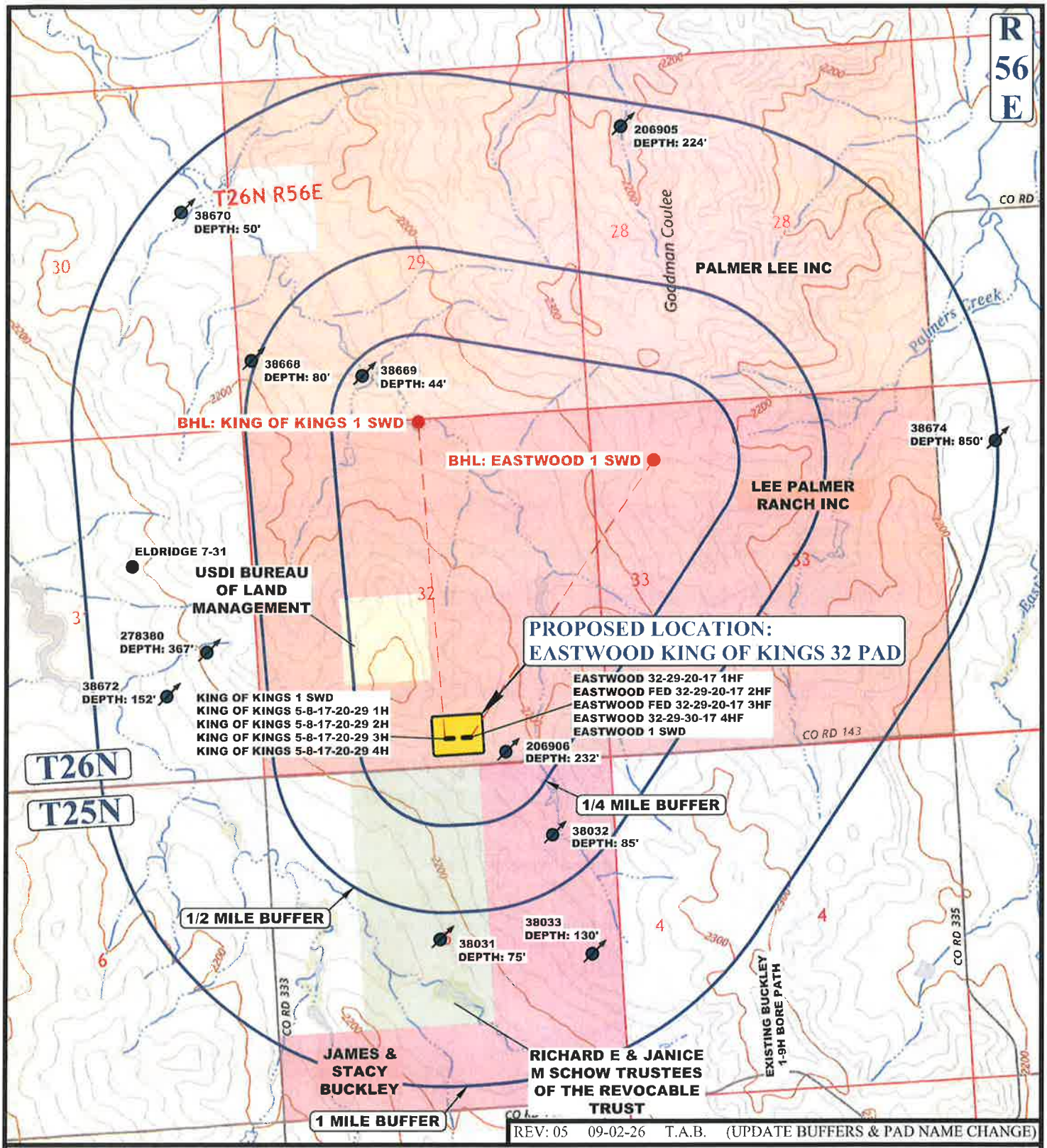
Montana Board of Oil & Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

Please direct all of your communication regarding this proposed project, including more information about the upcoming hearing, to Mr. John Gizicki with the MBOGC at (406) 656-0040 or to me with Phoenix Operating LLC at (701) 770-8484.

Respectfully,

Ashleigh Borud

Ashleigh Borud
Surface Land Manager – Phoenix Operating LLC
aborud@phoenixenergy.com



REV: 05 09-02-26 T.A.B. (UPDATE BUFFERS & PAD NAME CHANGE)

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- OIL/GAS WELLS
- WATER WELLS

RECEIVED
OCT 28 2026
MONTANA BOARD OF OIL & GAS CONSERVATION

N

PHOENIX OPERATING LLC

EASTWOOD KING OF KINGS 32 PAD
SW 1/4 SE 1/4, SECTION 32, T26N, R56E, P.M.M.
RICHLAND COUNTY, MONTANA

SURVEYED BY	Q.M., A.K.	12-07-25	SCALE
DRAWN BY	A.M.	12-08-25	1 : 24,000
WELL PROXIMITY MAP			TOPO C

UINTAH ENGINEERING & LAND SURVEYING
UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

PHOENIX | OPERATING COMPANY

RECEIVED
OCT 28 2026
MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 27, 2026

To: Surface Owner
Address
City, State, Zip

From: Phoenix Operating LLC
4643 South Ulster Street Suite 1510
Denver, Colorado 80237

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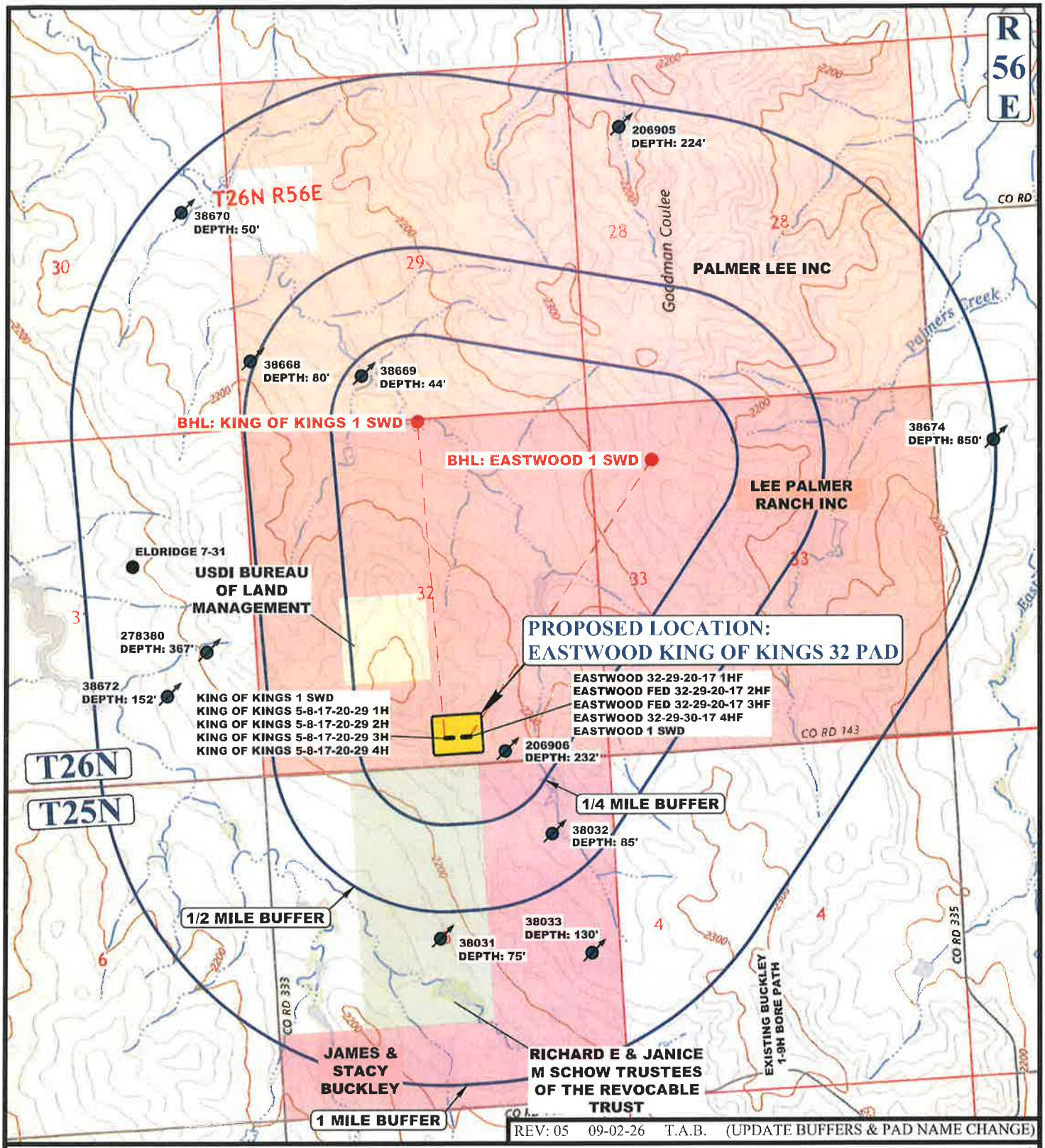
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