

FORM

15

Rev  
10/11

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



02232196



OGCC RECEIPT

Document Number:

## EARTHEN PIT REPORT / PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days is required for pits. Submit required attachments and forms.

Form Type: ☒ PERMIT ☐ REPORT

OGCC PIT NUMBER: 117637

NOTE: Operator to provide OGCC Pit Number only if available on an existing pit for pit report

OGCC Operator Number: 24,320 Contact Name: Dave Peterson  
 Name of Operator: Diamond Operating, Inc.  
 Address: 6666 Gunpark Drive, Suite 200 Phone: (303) 494-4420  
 City: Boulder State: CO Zip: 80301 Email: davep@flatironenergy.com

## Pit Location Information

Operator's Pit/Facility Name: Rincon Parks #2 Operator's Pit/Facility Number: \_\_\_\_\_  
 API Number (associated well): 05- 121 09622 00  
 OGCC Location ID (associated location): \_\_\_\_\_ Or Form 2A # \_\_\_\_\_  
 Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NW -28 -2S -53W 6<sup>th</sup> P.M.  
 Latitude: 39.856391 Longitude: 103.327556 County: Washington

## Operation Information

Pit Use/Type (Check all that apply): Pit Type: ☒ Lined ☐ Unlined  
☐ Drilling: (Ancillary, Completion, Flowback, Reserve Pits) ☐ Oil-based Mud; ☐ Salt Sections or High Chloride Mud  
☒ Production: ☒ Skimming/Settling; ☐ Produced Water Storage; ☐ Percolation; ☐ Evaporation  
☐ Special Purpose: ☐ Flare; ☐ Emergency; ☐ Blowdown; ☐ Workover; ☐ Plugging; ☐ BS&W/Tank Bottoms  
☐ Multi-Well Pit: Construction Date: \_\_\_\_\_ Actual or Planned: \_\_\_\_\_  
 Method of treatment prior to discharge into pit: Emulsion breaker chemical; Heater treater  
 Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☐ Reuse/Recycle; ☐ NPDES; Permit Number: \_\_\_\_\_  
 Other Information: The pit will serve as a safety pit located between an above-ground skim tank and the production pit

## Site Conditions

Distance (in feet) to the nearest surface water: 2,200 Ground Water (depth): 181 Water Well: 1,573  
 Is this location in a Sensitive Area? No Existing Location? Yes

## Pit Design and Construction

Size of Pit (in feet): Length: 10 Width: 10 Depth: 8 Calc. Volume (barrels): 143  
 Flow Rates (in bbl/day): Inflow: 280 Outflow: 280 Evaporation: 0 Percolation: 0  
 Primary Liner. Type: Synthetic XR-5 Thickness (mil): 40  
 Secondary Liner (if present): Type: \_\_\_\_\_ Thickness (mil): \_\_\_\_\_  
 Is Pit Fenced? No Is Pit Netted? Yes Leak Detection? No  
 Other Information: Pit will have a heavy steel frame cover with a fine mesh wire to prevent wildlife access.

Operator  
Comments:

## Certification

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed:

Print Name: David C. Peterson

Title:

President

Email: davep@flatironenergy.com Date: 02/26/2013

## Approval

Signed:

Title:

Date:

## ATTACHMENTS

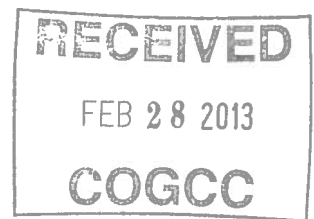
Detailed Site Plan ☒Design/Cross Sec ☒Topo Map ☐Calculations ☐Sensitive Area Info ☐Mud Program ☐Form 2A ☐Form 26 ☐Water Analysis ☒

**BMP**

Type	Comment

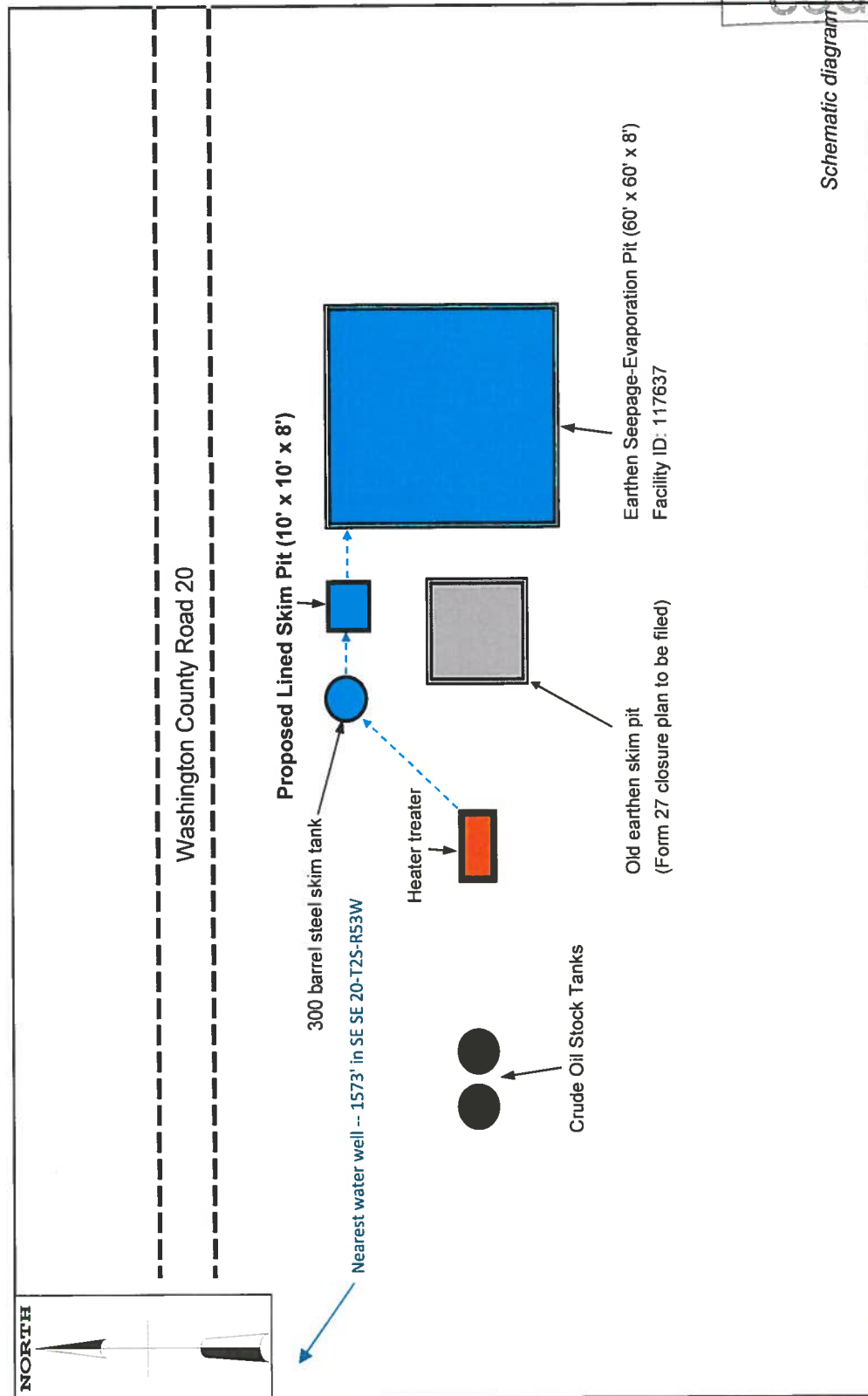
Total: 0 comment(s)

<b>CONDITIONS OF APPROVAL:</b>



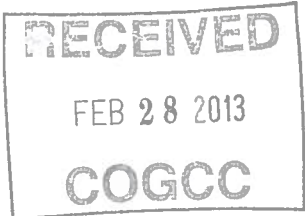
**Diamond Operating, Inc.**  
**Rincon Parks #2 [API #: 05-121-09622]**  
**NE NW NW 28-T2S-R53W**  
**Washington County, Colorado**

Attachment to Form 15  
 Detailed Site Plan For Lined Skim Pit



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*Schematic diagram*



**Schematic Diagram For Earthen Skim Pit With A Synthetic Liner**

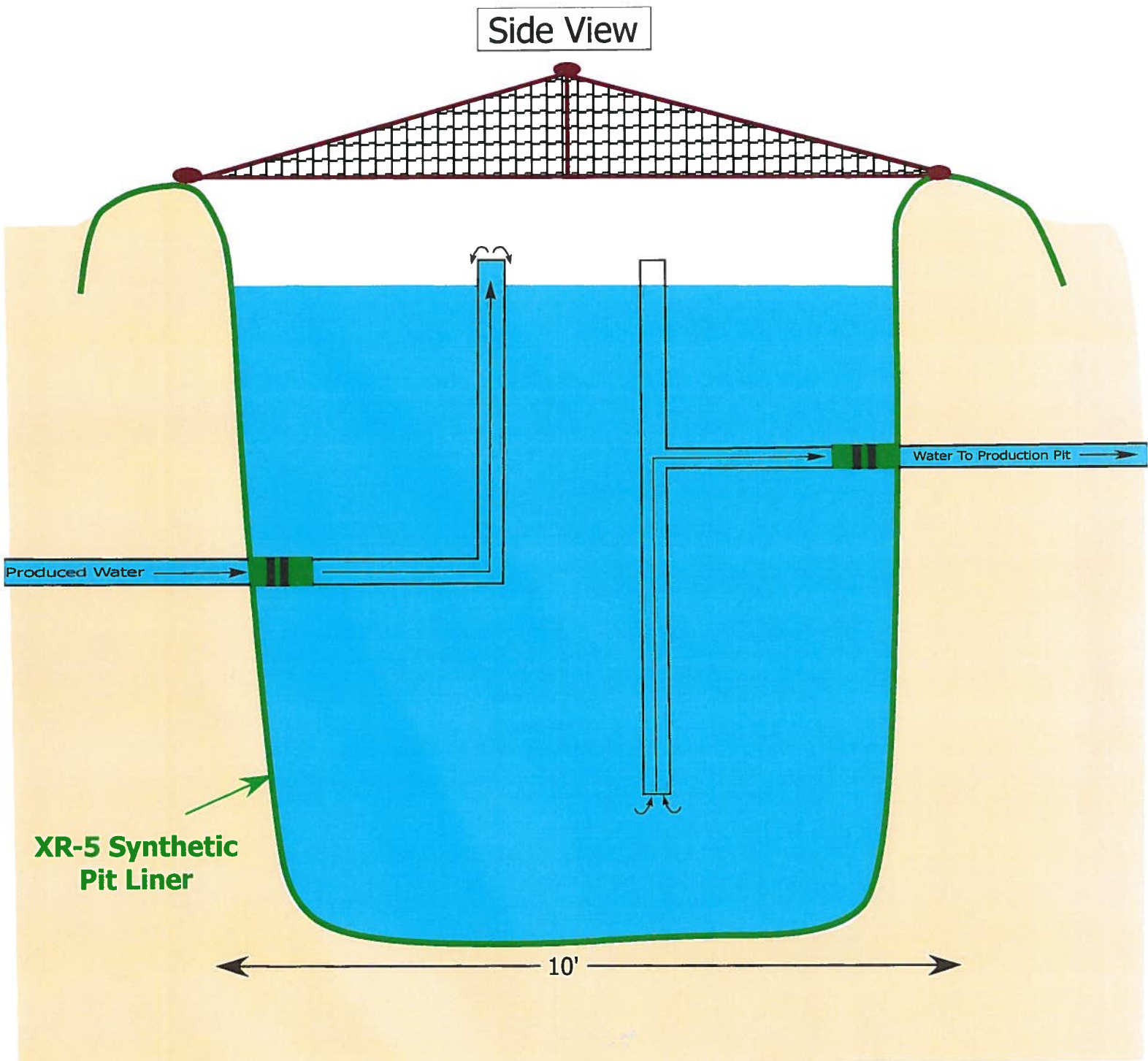


Diagram Not To Scale

**Evergreen Analytical, Inc.**  
4036 Youngfield Street, Wheat Ridge, Colorado 80033-3862  
(303) 425-6021

Client Project ID WARD DISCHARGE

Lab Order: 09-0386  
Units: mg/L

**Total Dissolved Solids (TDS)**

**Total Dissolved Solids**

Prep Method: SM 2540C

Method: SM 2540C

Lab ID	Client ID	Matrix	Date Received	Collection Date	Date Prepared	Date Analyzed	Results	LQL	DF
09-0386-01A	WARD LEASE	Discharge Water	1/21/09	1/19/09	1/26/09	1/26/09	1420	10.0	1
09-0386-02A	KEJR C LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	2280	10.0	1
09-0386-03A	KEJR V LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	7740	10.0	1
09-0386-04A	PACHNER LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	1350	10.0	1
09-0386-05A	PARKS LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	1890	10.0	1
09-0386-06A	WALTERS LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	1170	10.0	1
09-0386-07A	STATE 2-16 LEASE	Water	1/21/09	1/19/09	1/26/09	1/26/09	1670	10.0	1

Comments:

Attachment to Form 15  
Diamond Operating, Inc.  
Rincon Parks #2  
**Water Quality Information**



Analyst

Approved

Definitions: DF - Dilution Factor  
LQL - Lower Quantitation Limit

Qualifiers: J - Indicates an estimated value when the compound is detected, but is below the LQL.

H - Sample analysis exceeded analytical holding time

U - Compound analyzed for but not detected

See case narrative

XC - Sample exceeds Maximum Contamination Level (MCL), TCLP limit, or if not detected, LQL exceeds MCL.

Print Date: 1/27/2009

# Colorado Division of Water Resources

Colorado's Well Permit Search

## Attachment to Form 15 Diamond Operating, Inc. Rincon Parks #2 Water Well Information

**Well Constructed**

**Receipt:** 9057647      **Division:** 1  
**Permit #:** 71750- -      **Water District:** 1  
**Well Name / #:**      **County:** WASHINGTON  
**Designated Basin:**      **Management District:**  
**Case Number:**  
**WDID:**

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## [-] Applicant/Owners History

Date Range	Applicant/Owner Name	Address	City/State/Zip
Unknown - Present	GULLEY NOLAN	ELBA RT	AKRON, CO 80720

## [-] Location Information

**Approved Well Location:**

Q40	Q160	Section	Township	Range	PM	Footage from Section Lines
SE	SE	20	2.0S	53.0W	Sixth	175 S 600 E
<b>Northing (UTM y):</b>		4413191.5		<b>Easting (UTM x):</b>		642581.6
<b>Location Accuracy:</b> Spotted from section lines						

**Physical Address****Subdivision Name****City/State/Zip****Filing Block Lot****Parcel ID:****Acres in Tract:**

## [-] Permit Details

**Date Issued:** 10/04/1973**Date Expires:****Use(s):** DOMESTIC  
STOCK**Aquifer(s):** ALL UNNAMED AQUIFERS**Special Use:****Area which may be irrigated:****Maximum annual volume of appropriation:****Statute:**

Permit Requirements:	Totalizing Flow Meter	Geophysical Log	Abandonment Report
	No	No	No

Cross Reference	Permit Number	Receipt	Description
<b>Permit(s):</b>	<b>Comments:</b>		

## [-] Construction/Usage Details

**Well Construction Date:** 09/13/1973**Pump Installation Date:** 09/13/1973**Well Plugged:****1st Beneficial Use:** 10/04/1973

Elevation Depth	Perforated Casing (Top)	Perforated Casing (Bottom)	Static Water Level	Pump Rate
228	181	228	181	15

	Lic #	Name	Address	Phone Number
<b>Driller</b>	646	BRUNKHARDT, ROBERT J	429 WALNUT FT MORGAN, CO 80701	303-867-7352
<b>Pump Installer</b>	646	BRUNKHARDT, ROBERT J	429 WALNUT FT MORGAN, CO 80701	303-867-7352

## [-] Application/Permit History

Pump Installation Report Received	01/18/1974
Well Construction Report Received	01/18/1974
First Beneficial Use	10/04/1973
Permit Issued	10/04/1973
Application Received	09/26/1973
Pump Installed	09/13/1973
Well Constructed	09/13/1973

## [-] Imaged Documents

Document Name	Date Imaged	Annotated
Original File	12/04/2007	No