

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



RECEIVED OGCC RECEPTION FEB 28 2013 Document Number: CCGCC

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: [X] 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

ATTACHMENTS table with checkboxes for Detailed Site Plan, Design/Cross Sec, Topo Map, Calculations, Sensitive Area Info, Mud Program, Form 2A, Form 26, Water Analysis.

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 -NW -28 -2S -53W 6th P.M.
Latitude: 39.856391 Longitude: 103.327556 County: Washington

Operation Information

Pit Use/Type (Check all that apply): Pit Type: [X] Lined [] Unlined
[] Drilling: (Ancillary, Completion, Flowback, Reserve Pits) [] Oil-based Mud; [] Salt Sections or High Chloride Mud
[X] Production: [X] 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 [] 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: [Signature] Print Name: David C. Peterson
Title: President Email: davep@flatironenergy.com Date: 02/26/2013

Approval

Signed: Title: Date:

BMP

Type	Comment

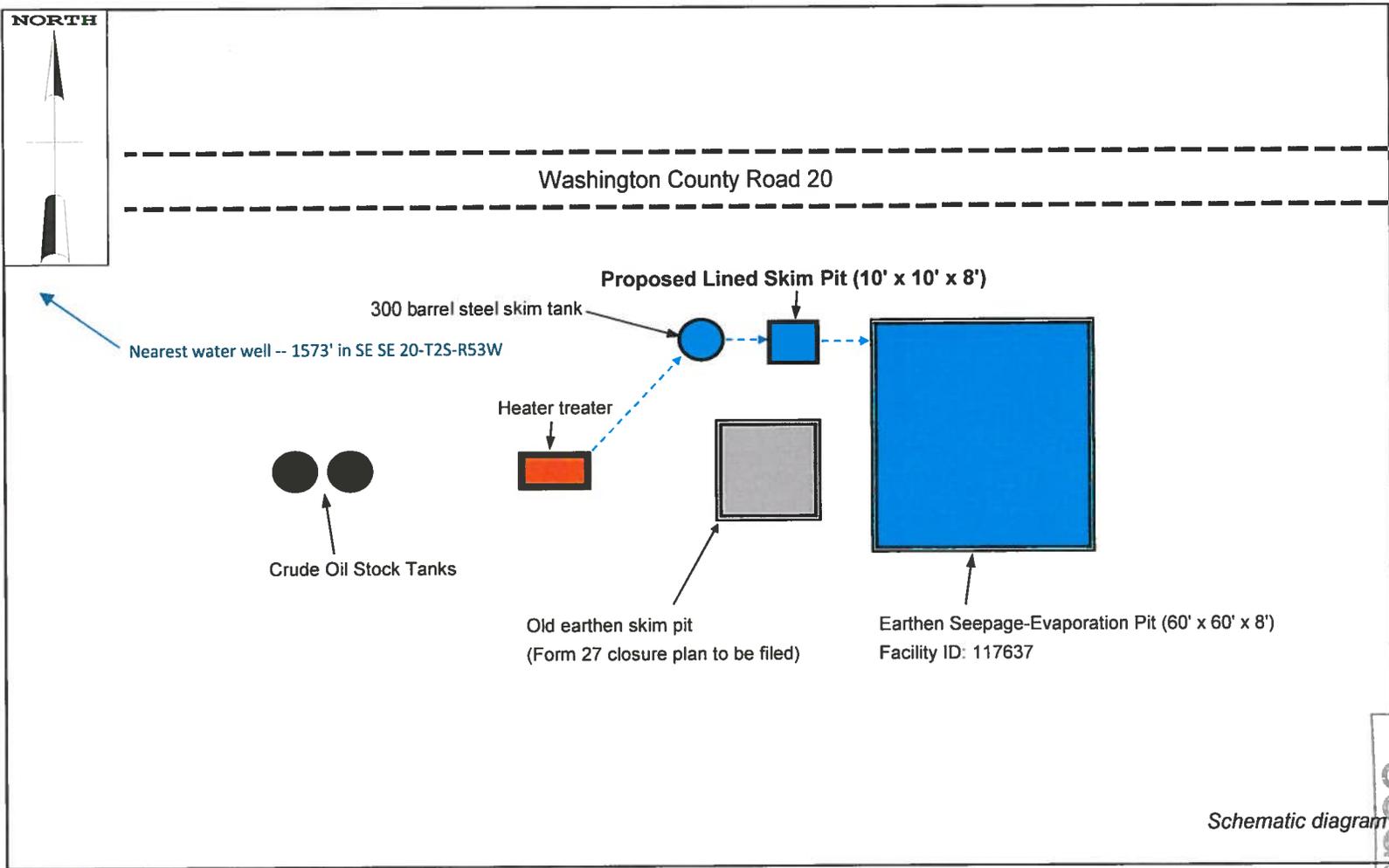
Total: 0 comment(s)

CONDITIONS OF APPROVAL:

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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



Schematic diagram

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Schematic Diagram For Earthen Skim Pit With A Synthetic Liner

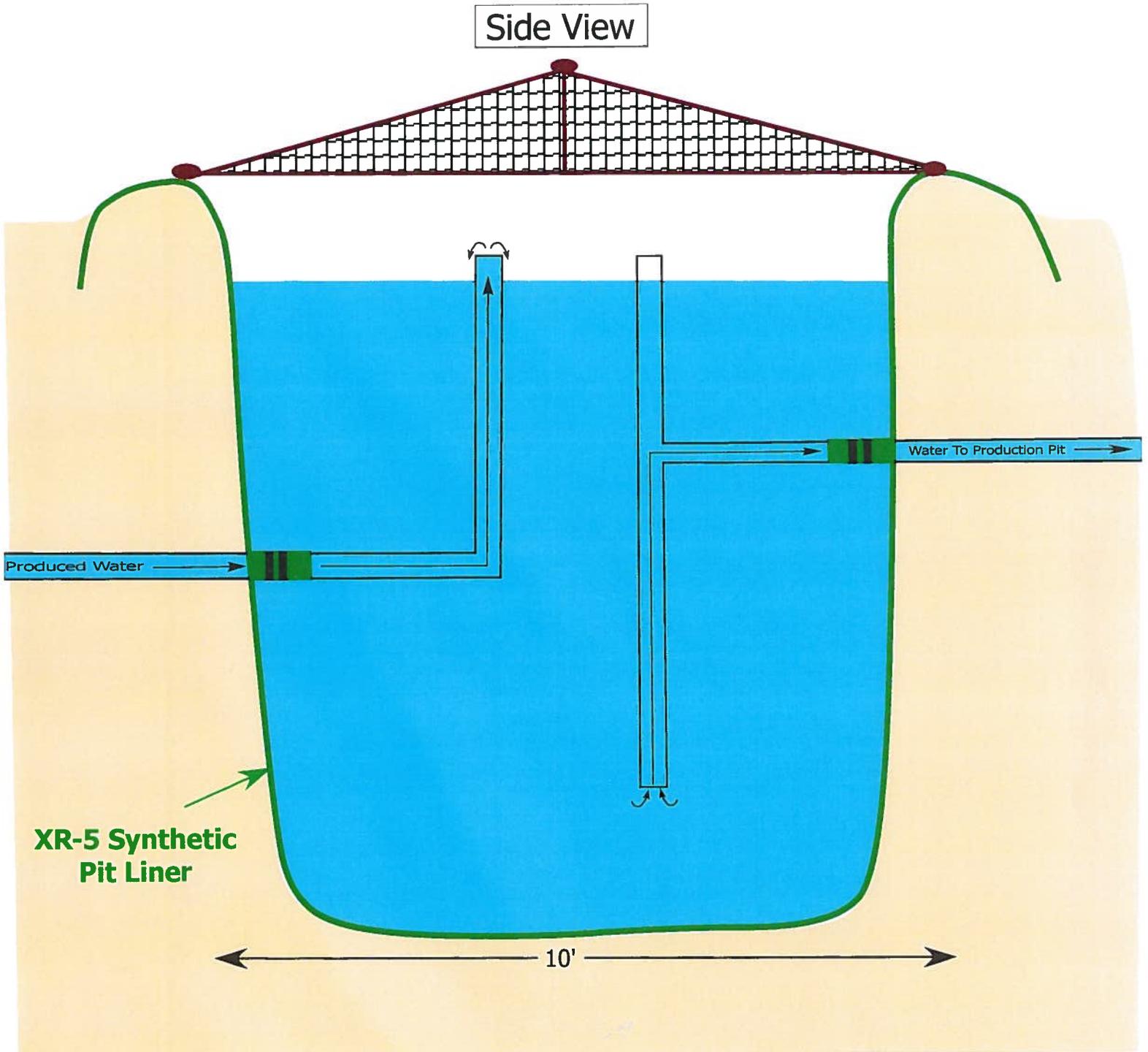


Diagram Not To Scale

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

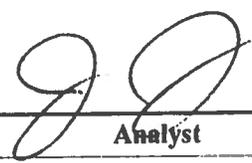
Method: SM 2540C

Prep 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

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
 X - See case narrative
 * - Exceeds Maximum Contamination Level(MCL), TCLP limit, or if
 is undetected, LQL exceeds MCL.

Definitions: DF - Dilution Factor
 LQL - Lower Quantitation Limit

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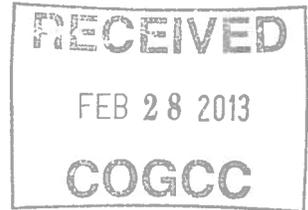
Colorado Division of Water Resources

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:



[-] 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

Northing (UTM y): 4413191.5 **Easting (UTM x):** 642581.6
Location Accuracy: 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 **Aquifer(s):** ALL UNNAMED AQUIFERS
 STOCK

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
Permit(s):	Comments:		

[-] 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

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