FORM 15 Rev 10/11

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

OGCC RECEPTION

Document Number:
2147585

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: 454010

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

ATTACHMENTS

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

OGCC Operator Number: 82470 Contact Name: Ty Lunn

Name of Operator: STELBAR OIL CORP INC

Address: 1625 N WATERFRONT PKWY #200 Phone: (316) 264-8378

City: WICHITA State: KS Zip: 67206-6602 Email: tlunn@stelbar.com

Pit Location Information

Operator's Pit/Facility Name: Allen #5-17 Operator's Pit/Facility Number:

API Number (associated well): 05- 121 10637 00

OGCC Location ID (associated location): 317345 Or Form 2A #

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW-17-2S-49W-6

Latitude: 39.886314 Longitude: -102.889527 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:

Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☐ Reuse/Recycle; ☐ NPDES; Permit Number:

Other Information:

Site Conditions

Distance (in feet) to the nearest surface water: 5000 Ground Water (depth): 50 Water Well: 1500

Is this location in a Sensitive Area? Yes Existing Location? No

Pit Design and Construction

Size of Pit (in feet): Length: 30 Width: 12 Depth: 5 Calculated Working Volume (in barrels): 320

Flow Rates (in bbl/day): Inflow: 65 Outflow: Evaporation: 1 Percolation: 513

Primary Liner. Type: None Thickness (mil): 0

Seconday Liner (if present): Type: None Thickness (mil):

Is Pit Fenced? Yes Is Pit Netted? No Leak Detection? No

Other Information:

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: Ty Lunn

Title: Petroleum Engineer Email: tlunn@stelbar.com Date: 01/31/2014

Approval

Signed: Matthew Lee Title: Director of COGCC Date: 02/09/2018

Best Management Practices

No	BMP/COA Type	Description

CONDITIONS OF APPROVAL:

COA Type	Description

Attachment Check List

Att Doc Num	Name
1009762	Construction Layout Drawings
2147585	PIT PERMIT SUBMITTED

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
Agency	Changed from Pit Permit to Pit Report, as this is for an existing pit (with no Facility ID number). Associated well was spud in 2001; pit is visible in 2004 aerial images (Google Earth); pit predates lining requirements for Washington County.	02/09/2018
Agency	Added Lat/Long for the Pit Location. Obtained Lat/Long from the COGIS Map. Water Analytical, Sensitive Area Determination and Topographic Map all included under the Construction Layout Drawings Attachment Pit Location lies within the Northern High Plains Designated Basin and Groundwater Management Area, changed Sensitive Area to YES. According to the NRCS, underlying soils are mapped as Valent sand. These soils consist of primarily sandy soils having a very low runoff and a drainage class of excessively drained. Ksat (transmissivity) is reported high to very high (6.00 to 39.96 in/hr). Based on the review of the available water well logs for DWR Water Well Permit #127427 -- A, the underlying surficial geology consists of sand from 0 to 20 feet followed by sand and gravel to 200 feet bgs. A confining layer of clay followed by shale underlies the vicinity at approximately 215 feet bgs. Groundwater is reported at 50 bgs by the Operator. Based on the potential for high groundwater and sandy soils having high transmissivity underlying the Location, there is a potential for impacts to the underlying aquifer.	03/06/2015

Total: 2 comment(s)