

FORM  
15  
Rev 6/99State of Colorado  
Oil and Gas Conservation Commission

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

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COGCC

## 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.

Complete the  
Attachment Checklist

Oper OGCC

## FORM SUBMITTED FOR:

☐ Pit Report☒ Pit PermitOGCC Operator Number: 35190Name of Operator: Grayhorse Operating, Inc.Address: 20 East 5th Street, Suite 320City: Tulsa State: OK Zip: 74103

Contact Name and Telephone:

Charles A. EllisNo: 918-382-9201Fax: 918-382-9208

Detailed Site Plan	<input checked="" type="checkbox"/>
Topo Map w/ Pit Location	<input checked="" type="checkbox"/>
Water Analysis (Form 20)	<input type="checkbox"/>
Source Wells (Form 26)	<input type="checkbox"/>
Pit Design/Plan & Cross Sec.	<input type="checkbox"/>
Design Calculations	<input type="checkbox"/>
Sensitive Area Determ.	<input type="checkbox"/>
Mud Program	<input type="checkbox"/>
Form 2A	<input type="checkbox"/>

API Number (of associated well): 05-12-06694-00OGCC Facility ID (of other associated facility): 54055Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): C-5W Sec. 34-T1N-R54WLatitude: 40.00737 NLongitude: 103.40840 WCounty: WashingtonPit Use: ☐ Production ☐ Drilling (Attach mud program) ☒ Special Purpose (Describe Use): Contain oil spillPit Type: ☐ Lined ☐ Unlined Surface Discharge Permit: ☐ Yes ☐ NoOffsite disposal of pit contents: ☐ Injection ☐ Commercial Pit/Facility Name: Horn B Pit/Facility No: \_\_\_\_\_

Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

## Existing Site Conditions

Is the location in a "Sensitive Area?" ☐ Yes ☒ No Attach data used for determination.Distance (in feet) to nearest surface water: 1800' ground water: 75' water wells: 2,000'

LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:

Crop Land: ☐ Irrigated ☐ Dry Land ☐ Improved Pasture ☐ Hay Meadow ☐ CRPNon-Crop Land: ☒ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe): \_\_\_\_\_Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units from USNRCS survey: Sheet No: \_\_\_\_\_ Soil Complex/Series No: \_\_\_\_\_

Soils Series Name: \_\_\_\_\_ Horizon thickness (in inches): A: \_\_\_\_\_ ; B: \_\_\_\_\_ ; C: \_\_\_\_\_

Soils Series Name: \_\_\_\_\_ Horizon thickness (in inches): A: \_\_\_\_\_ ; B: \_\_\_\_\_ ; C: \_\_\_\_\_

Attach detailed site plan and topo map with pit location.

## Pit Design and Construction

Size of pit (feet): Length: 35' Width: 15' Depth: 8' Temporary Catch PitCalculated pit volume (bbbls): 748 Daily inflow rate (bbbls/day): Small amountDaily disposal rates (attach calculations): Evaporation: 0 bbbls/day Percolation: 0 bbbls/dayType of liner material: unlined Thickness: NA

Attach description of proposed design and construction (include sketches and calculations).

Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): FWKO & heater-treaterIs pit fenced? ☐ Yes ☒ No Is pit netted? ☐ Yes ☒ No

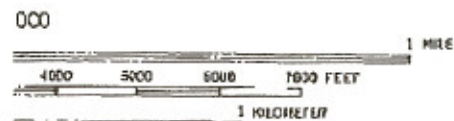
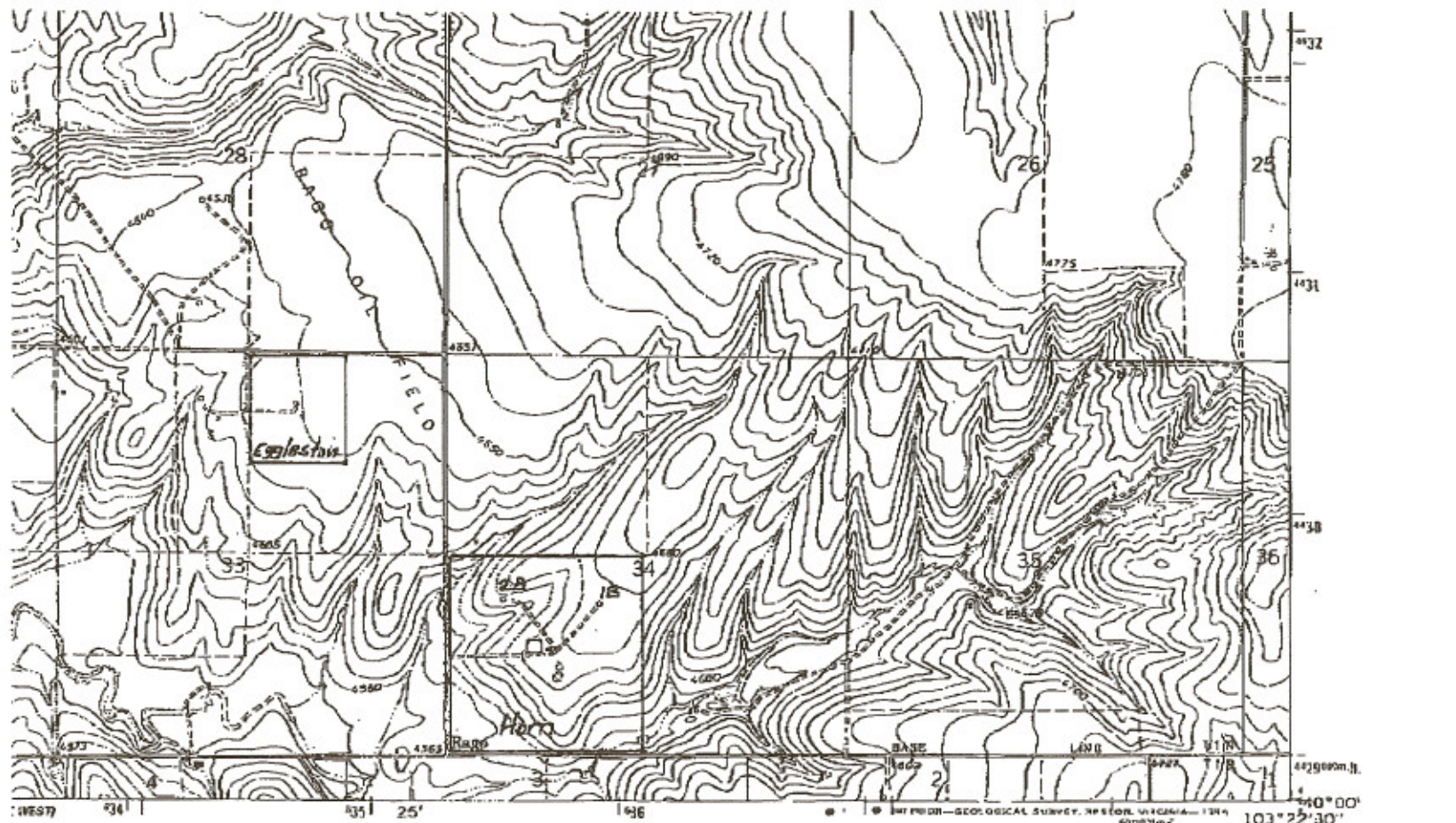
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Charles A. EllisSigned: Charles A. EllisTitle: PresidentDate: 1-12-2010OGCC Approved: [Signature] Title: EPSDate: 1/14/10

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:





1:10 FEET  
AL DATUM OF 1929



QUADRANGLE LOCATION

# ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
○ Interstate Route	○ U.S. Route
	○ State Route

3142 IV NE  
ANTELOPE CREEK  
EAST

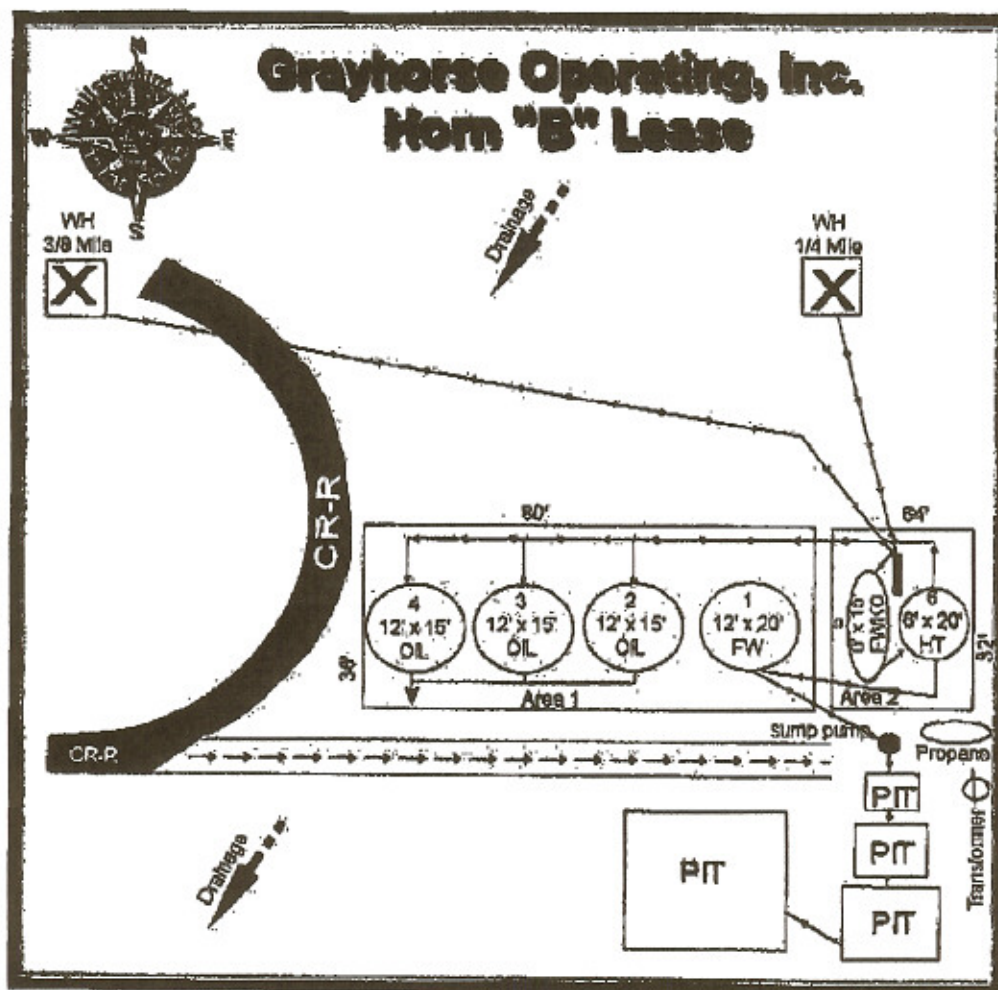
RAGO, COLO.  
40103-A4-1F-024

1973  
PHOTOREVISED 1984  
DMA 5354 III SW SERIES V377

MAP ACCURACY STANDARDS  
ORADO 80225, OR RESTON, VIRGINIA 22092  
SYMBOLS IS AVAILABLE ON REQUEST

GrayHorse Operating, Inc.  
Horn "B" Lease

Spill Prevention, Control, and  
Countermeasures (SPCC) Plan



Not Drawn to Scale