

# Hiawatha Field Area General Information

- The wells not drilled by Whiting Oil and Gas Corporation (WOGC) but operated by WOGC until January of 2016 in this field have had multiple operators prior to WOGC. Therefore WOGC does not have a complete file of every document that was formulated or filed for these wells in the past.
- Based on a review of the files at COGCC and BLM there is very little in the files of the agencies either. It is uncertain why the records are so poor, but the multiplicity of operators and the multiple offices of USGS and later BLM that at various times had oversight responsibility for these wells is probably a contributing factor
- This area was under the jurisdiction of three different WOGC Foreman, several engineers and three different production offices were involved in its operation which no doubt contributed to the poor records.

# Lion Government 7

- This site is on federal surface and minerals
- The reserve pit that once existed at the Lion Government 7, API 05-081-07133, was permitted in 2003 by COGCC as Pit Permit No. 268590. It was a 125' X 75' X 10' plastic lined reserve pit for holding drill cuttings. This is in accordance with the APD approved for the well. A copy of this COGCC permit is attached.
- The API number associated with this facility number is the same as that for the Lion Government No. 7
- This pit was covered sometime before October 12, 2004 . This was reported to the BLM in October 2004 on the sundry attached. It does not appear the COGCC received a copy or separate filing.

# Lion Government 7

- The pit was covered and reclaimed by November 2004. The Google Earth image that follows, though taken at night, shows restoration plowing consistent with seeding and reclamation actions
- The October 2005 Google Earth image, though poor, shows the seeding was successful and vegetation is starting to be established at the site.
- The April 2014 Google Earth image shows the seeding was successful and vegetation is firmly established at the site.
- WOGC is submitting a retroactive filing to COGCC showing the reclamation of the pit with the referenced attachments.

# Lion Government 7 – November 2004



# Lion Government 7 – October 2005





# Lion Government 7 – April 2014





State of Colorado  
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY  
RECEIVED  
JUN 23 03  
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

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit

Oper OGCC

Detailed Site Plan	
Topo Map w/ Pit Location	✓
Water Analysis (Form 25)	
Source Wells (Form 28)	
Pit Design/Plan & Cross Sect	
Design Calculations	
Sensitive Area Determ.	
Mud Program	✓
Form 2A	

OGCC Operator Number: 27760  
Name of Operator: Ensign Operating Co. c/o H&B Petroleum  
Address: Consultants 291 Daffodil  
City: Casper State: WY Zip: 82604

Contact Name and Telephone:

Larry D. Brown

No: 307-237-9310

Fax: 307-237-9310

API Number (of associated well): OGCC Facility ID (of other associated facility): Lion Government #7

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SE SE Section 26, T12N, R101W, 6th P.M.

Latitude: 40.9658 Longitude: 108.708472 County: Moffat

Pit Use: ☐ Production ☒ Drilling (Attach mud program) ☐ Special Purpose (Describe Use):

Pit Type: ☒ Lines ☐ Unlined Surface Discharge Permit: ☐ Yes ☒ No

Offsite disposal of pit contents: ☐ Injection ☐ Commercial Pit/Facility Name: 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: 3000 ft ground water: water wells: > 1 mile

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 ☐ CRP

Non-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: 125' Width: 75' Depth: 10'

Calculated pit volume (bbls): 8,760 Daily inflow rate (bbls/day):

Daily disposal rates (attach calculations): Evaporation: bbls/day Percolation: bbls/day

Type of liner material: Polyethylene Thickness: 9-mil

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): Separator

Is 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: Larry D. Brown Signed: Larry D. Brown

Title: Agent Date: June 17, 2003

OGCC Approved: Title: EPS Date: 7/10/03

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 268590

SEE ATTACHED LETTER



01247686

**July 10, 2003**

**ENSIGN OPERATING COMPANY  
LION GOVERNMENT No. 7  
SESE SECTION 26, T12N, R101W, 6<sup>th</sup> PM  
LINED DRILLING PIT PERMIT APPROVAL  
CONDITION OF APPROVAL**

- 1. Please refer to this pit by facility (pit) number 268590 on all future correspondence.**
- 2. A form 27 must be submitted when this pit is closed and reclaimed.**
- 3. If the pit liner is removed, it must be disposed in accordance with COGCC Rule 905.b.(3).A.**
- 4. Submit manifest or other paperwork that documents the disposal of the liner.**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004- 0135  
Expires: November 30, 2000

**SUBMIT IN TRIPLICATE- Other Instructions on the reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. <b>1CO073806</b>
2. Name of Operator <b>Whiting Oil &amp; Gas Inc</b>	6. If Indian, Allottee, or Tribe Name
3a. Address <b>1700 Broadway Suite 2300 Denver CO. 80290-2300</b>	7. If Unit or CA. Agreement Designation
3b. Phone No. (include area code) <b>307 299.0095</b>	8. Well Name and No. <b>Lion Government # 7</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>660' FSL 660' FEL SE SE Sec 26 T12N R101W 6th P.M.</b>	9. API Well No. <b>05-081-07133</b>
	10. Field and Pool, or Exploratory Area <b>Hiawatha</b>
	11. County or Parish, State <b>Moffat Colorado</b>

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production ( Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Randy Pitt Construction place pit liner on bottom of pit, mix dry dirt with loads of mud and cuttings. Hyland Enterprise hauled 130 bbls water from pit to 4 Mile Disposal. Backfill and contour location after material had dried. Extend and build up berms around production equipment. Paint all equipment. Install bird protection equipment on smoke stacks. Job Complete 10/12/2004

**ACCEPTED FOR THE RECORD**

**DEC 0 2004**

**LITTLE SNAKE FIELD OFFICE**

By *Bonnie Hickup*

*1313*  
*PEI*  
*BH*

*2004-10-13 PM 1:38*

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/ Typed) <b>Michael K Staab</b>	Title <b>Operations Supervisor</b>
Signature <i>Michael K Staab</i>	Date <b>10/28/2004</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.