

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.

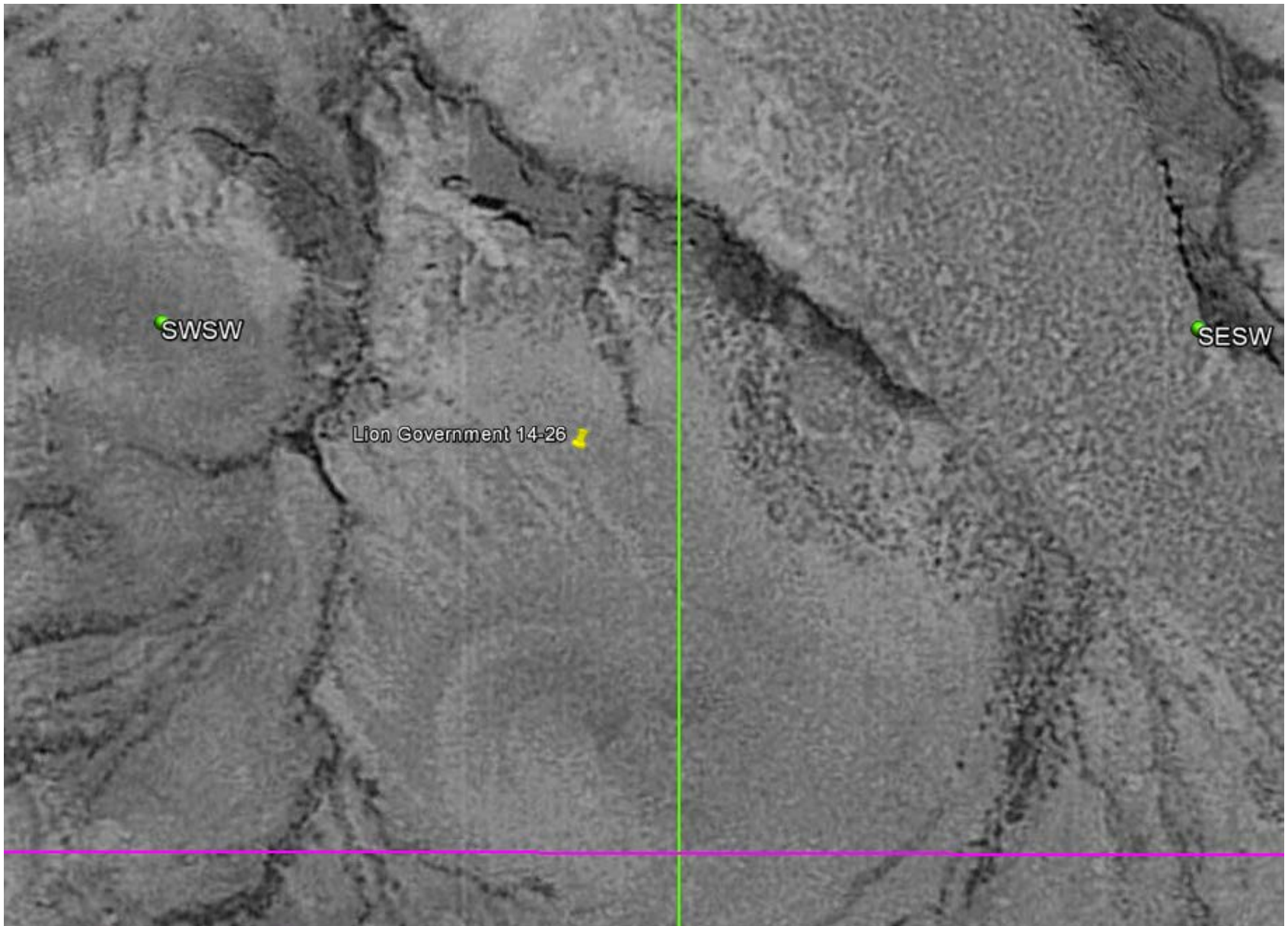
Lion Government 14-26

- This site is on federal surface and minerals
- The reserve pit that once existed at the Lion Government 14-26, API 05-081-07169, was permitted by Ensign in November 2004 and approved by COGCC as Pit Permit No. 270406 as part of the APD process. It was a 125' X 75' X 12' plastic lined reserve pit for holding drill cuttings. This is in accordance with the APD approved for the well. (Copy of pit permit attached)
- The reserve pit existed at the time the well was spudded in January 2005.
- The reserve pit was covered in January and February 2006 based on contractor invoices. In August 2006 when it is no longer in evidence on the Google Earth image.

Lion Government 14-26

- A pit closing sundry was filed with BLM in March 2007 and accepted for the record in April 2007. (Copy of sundry attached)
- The covering was inspected by BLM in May 2007 and judged acceptable with the provision seeding would occur in the fall. (Copy of inspection attached)
- There is nothing in the files searched at BLM, WOGC and COGCC showing COGCC was notified of the covering of the pits.
- There is nothing in the files searched at BLM, WOGC and COGCC showing COGCC was notified of the reseeding of the sites or that they were ready for final inspection.
- WOGC is submitting a retroactive filing to COGCC showing the reclamation of the pit with the referenced attachments.

Future Lion Government 14-26 Site – August 1993



Lion Government 14-26 – Early 2006 or Late 2005

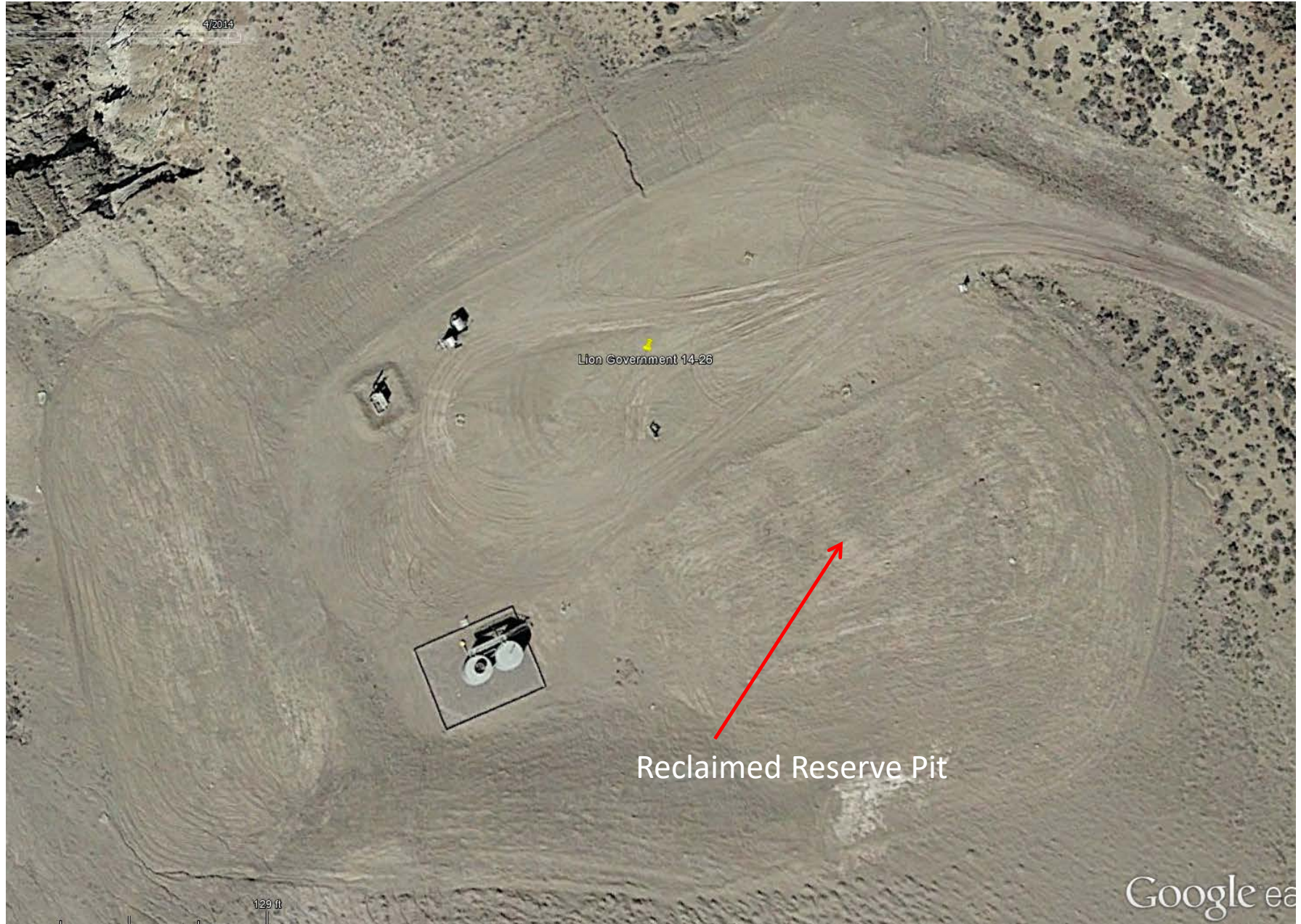
Date On Google Image In Error Based on Other Data



Lion Government 14-26 – August 2006



Lion Government 14-26 – April 2014

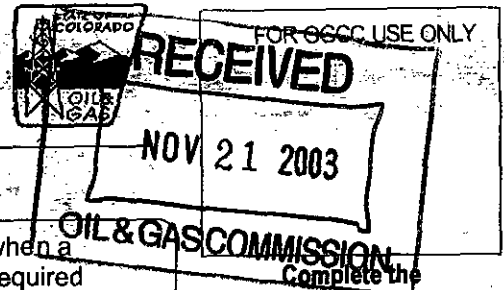


State of Colorado
Oil and Gas Conservation Commission

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

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.



Attachment Checklist

Oper OGCC

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit

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

Detailed Site Plan

Topo Map w/ Pit Location

Water Analysis (Form 25)

Source Wells (Form 26)

Pit Design/Plan & Cross Sect

Design Calculations

Sensitive Area Determ.

Mud Program

Form 2A

API Number (of associated well): OGCC Facility ID (of other associated facility): Lion Government #14-26

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

Latitude: 40.965239 Longitude: 108.720948 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: 3900 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: 12'

Calculated pit volume (bbls): 8,247 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: Nov 19, 2003

OGCC Approved: [Signature]

Title: EPS

Date: 12/15/03

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 270406



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Whiting Oil & Gas Corporation**

3a. Address
1700 Broadway Suite 2300, Denver CO 80290

3b. Phone No. (include area code)
303-390-4948

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
448 FSL 1187 FWL SWSW Sec 26-T12N-R101W

5. Lease Serial No.
COD053178

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Lion Government 14-26

9. API Well No.
05-081-07169

10. Field and Pool, or Exploratory Area
Hiawatha West

11. County or Parish, State
Moffat, Colorado

12. CHECK APPROPRIATE BOX(ES) 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"/> Alter 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 recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The reserve pit has been backfilled with top soil included. Seeding will take place during the Summer or Fall of 2007. A final reclamation sundry will be submitted upon review of the location by BLM personnel.

ACCEPTED FOR THE RECORD

APR 20 2007

LITTLE SNAKE OFFICE

By *B. Hickey*

/S/ Bonnie J. Hickey

LAND LAW EXAMINER

RECEIVED
BLM LITTLE SNAKE
CRAIG, COLORADO 81615
2007 MAR 19 PM 1:43

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Peggy J Goss

Title **Engineering Tech**

Signature

Peggy J Goss

Date

03/15/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SURFACE INSPECTION FORM

| | | | | | | | | |
|---|----------|--|------------|-----------------------|---------------------------|------------------|-----------------------|-------------|
| Well Name: LION GOVERNMENT | | Well #: 14-26 | | API #: 050810716900S1 | | Well Status: PGW | | |
| Footage: 448FSL 1187FWL | | Alliquot: SWSW | Lot/Tract: | Section: 26 | Twship/Lat: 12N | Rng/Long: 101W | County: MOFFAT | State: CO |
| Case: COD053178 | | Facility ID: | | | Associated Rights of Way: | | | |
| Lease: COD053178 | | H2S Date: | | H2S Gas Stream: | | H2S Vapors: | | H2S Radius: |
| Hazard: No | | | | | | | | |
| SME: BUREAU OF LAND MANAGEMENT | | Operator Name: WHITING OIL & GAS CORPORATION | | | | | | |
| Please be sure to complete for inspection | | | | | | | | |
| Inspector: S. Wisur | | Company/SME Rep: Mike Stazko | | | | | Phone #: 307.299.0095 | |
| Date: 05/10/07 | Type: ES | Activity: IR | | Office: 1.0 | Travel: 0.5 | Insp: 0.5 | | |
| General Remarks: | | | | | | | | |

The reserve pit has been backfilled and the area recontoured for interim reclamation. Seeding will take place this fall. The pad and access road will be sprayed for noxious weeds. There is some erosion occurring on the northern edge of the pad. The company will install erosion barrier.
Author: SHAWNA WISER Date: 05/23/2007

Follow-up Requirements: (circle any that apply) NONE VERBAL LETTER INC NOTIFY PET

Follow-up Remarks:

CORRECT PROBLEM BY: NEXT INSPECTION:

Whiting Oil & Gas Corporation
Clean-up after interim reclamation 05/2007

Lion Gov. #11-26: OK

Lion Gov. #12-26: Sediment barrier needs restaked or replaced.

Lion Gov. #14-26: Needs erosion control on the northern side.

Lion Gov. #23-26: OK

Lion Gov. #12-36: OK

Lion Gov. #13-36: OK

Lion Gov. #22-36: Sediment barrier needs restaked or replaced. Clean up trash.

Lion Gov. #23-36: Wrong well number on well sign.

Lion Gov. #31-36: Clean up trash.

Lion Gov. #32-36: Clean up insulation.

Lion Gov. #33-36: Remove bauxite bags on the access road.

Lion Gov. #41-36: OK

Lion Gov. #42-36: Needs erosion control installed in drainage to the west. Restake sign.

Lion Gov. #11: Deter traffic from driving through pad site.

All well pads, access roads, and pipelines need to be sprayed for noxious weeds where they are present. Herbicide applicators need to be certified by the State of Colorado and have a Pesticide Use Proposal with the BLM in Craig, CO. Feel free to call or email Shawn Wiser (970) 826-5086, shawna_wiser@blm.gov with any questions or comments.



