



02231360

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FORM  
4  
Rev 1205

State of Colorado

Oil and Gas Conservation Commission

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



## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form) identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 36200	4. Contact Name: W. Gene Webb	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Grynberg Jack J (Grynberg Petroleum Comp)	Phone: 303.850.7490	
3. Address: 3600 Yosemite Street, Suite #900	Fax: 303.850.7496	
City: Denver State: CO Zip: 80237		
5. API Number 05-081-07313	OGCC Facility ID Number 313296	Survey Plat
6. Well/Facility Name: Hiawatha State 4-3 Pit	7. Well/Facility Number State 4-3	Directional Survey
8. Location (Qtr/Ctr, Sec, Twp, Rng, Meridian): NWSE, Sec. 3, T11N, R101W, 6PM		Surface Eqpm Diagram
9. County: Moffat	10. Field Name: Sugar Loaf - #80000	Technical Info Page <input checked="" type="checkbox"/>
11. Federal, Indian or State Lease Number: 67/3795-5		Other

Fac 1.5 ID  
4/14/588

## General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/ctr is substantive and requires a new permit)	
Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Ctr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Distance to nearest well same formation
	Surface owner consultation date: Yes/No
GPS DATA:	
Date of Measurement	PDOP Reading
Instrument Operator's Name	
<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation Formation Code Spacing order number Unit Acreage Unit configuration	Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for inspection:	MIT required if shut in longer than two years. Date of last MIT
<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	
*submit cbl and cement job summaries	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date:	Date Work Completed:
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)	
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Background Arsenic/SAR
	<input type="checkbox"/> E&P Waste Disposal
	<input type="checkbox"/> Beneficial Reuse of E&P Waste
	<input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases

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

Signed: [Signature] Date: February 24, 2012 Email: grynpetro@grynberg.com  
 Print Name: [Signature] Title: President  
 OGCC Approved: [Signature] Title: Env. Sup Date: 12/10/12  
 CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 36200	API Number: 05-081-07313
2. Name of Operator: Grynberg Jack J (Grynberg Petroleum)	OGCC Facility ID # 313286
3. Well/Facility Name: Hiawatha State 4-3 Pit	Well/Facility Number: State 4-3
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE, Sec. 3, T11N, R101W, 8PM	

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

This COGCC Form 4 is being submitted as a request for the following items at the Hiawatha State 4-3 drilling and flare pits:

- \*Consideration of elevated electrical conductivity and pH levels in deeper soils and,
- \*Use of background arsenic concentrations.

This COGCC Form 4 is being submitted to amend the existing open Form 27 (Remediation # 5585) for the Hiawatha State 4-3 location. During a site inspection by the COGCC Area Field Inspector on April 25, 2011 a compromise in the drilling pit liner below fluid level was documented. As specified in COGCC Rule 905.c a Spill/Release Report, Form 19, was prepared and submitted on June 3, 2011 (Spill/Release Tracking #2214231). Investigation, sampling and closure activities have since been completed and are summarized in the attached notice of completion report. Analytical results indicate exceedences with COGCC Table 910-1 of electrical conductivity, pH and arsenic concentrations.

Drilling Pit

Fifteen confirmation samples were collected from various locations within the drilling pit bottom (approximately 13-14 feet below surrounding grade) and sidewalls in October 2011 and analyzed for the Table 910-1 requirements. The results indicated that the soil exceeded Table 910-1 background standards for Arsenic at each location, electrical conductivity at four locations and pH at two locations.

Flare Pit

Nine confirmation samples were collected from various locations with the flare pit excavation bottom (approximately 14-15 feet below surrounding grade) and sidewalls in July and October 2011 and analyzed for the Table 910-1 requirements. The results indicated that the soil exceeded Table 910-1 background standards for arsenic at each location, electrical conductivity at one location and pH at one location.

\*Arsenic Concentrations

Five grab background samples were collected from nearby non-impacted, native soil from a depth of 14 to 15 feet below ground surface and analyzed for Arsenic in July 2011. The concentrations found in the confirmation samples are below at least two of the background samples. Grynberg is requesting that the arsenic concentration of the confirmation samples be considered within allowable background levels.

Drilling Pit

State 4-3 TP-1 (confirmation sample) - 40.9 mg/kg  
 State 4-3 TP-3 (confirmation sample) - 83.2 mg/kg  
 State 4-3 TP-8 (confirmation sample) - 127 mg/kg  
 State 4-3 TP-13 (confirmation sample) - 139 mg/kg  
 State 4-3 TP-15 (confirmation sample) - 25 mg/kg  
 State 4-3 TP-17 (confirmation sample) - 62.9 mg/kg  
 State 4-3 TP-19 (confirmation sample) - 15.2 mg/kg  
 State 4-3 TP-24 (confirmation sample) - 113 mg/kg  
 State 4-3 TP-29 (confirmation sample) - 81.8 mg/kg  
 State 4-3 TP-31 (confirmation sample) - 162 mg/kg  
 State 4-3 ESW (confirmation sample) - 6 mg/kg  
 State 4-3 NSW (confirmation sample) - 7.1 mg/kg  
 State 4-3 SSW (confirmation sample) - 5.5 mg/kg  
 State 4-3 WSW (confirmation sample) - 4.3 mg/kg  
 State 4-3 CBD (confirmation sample) - 22.3 mg/kg

Flare Pit

State 4-3 FP1 (confirmation sample) - 31.7 mg/kg  
 State 4-3 FP2 (confirmation sample) - 104 mg/kg  
 State 4-3 FP3 (confirmation sample) - 76.1 mg/kg  
 State 4-3 FP4 (confirmation sample) - 142 mg/kg  
 State 4-3 FP5 (confirmation sample) - 27.7 mg/kg  
 State 4-3 FP ESW (confirmation sample) - 14.3 mg/kg  
 State 4-3 FP WSW (confirmation sample) - 5.9 mg/kg  
 State 4-3 FP NSW (confirmation sample) - 10.4 mg/kg  
 State 4-3 FP SSW (confirmation sample) - 7.6 mg/kg

State 4-3 BG1 (background) - 39.3 mg/kg  
 State 4-3 BG2 (background) - 83.6 mg/kg  
 State 4-3 BG3 (background) - 205 mg/kg  
 State 4-3 BG4 (background) - 81.4 mg/kg  
 State 4-3 BG5 (background) - 225 mg/kg

\*Electrical Conductivity & pH

As shown in the analytical results summary, the electrical conductivity at four drilling pit and one flare pit sample locations and the pH at one drilling pit and two flare pit locations exceeds the COGCC Table 910-1 allowable concentrations. Grynberg is requesting COGCC consideration that elevated electrical conductivity and pH levels in deeper soils should not adversely affect the successful reclamation of the site as these soils are not within three feet of the ground surface.

A sample location map, data summary table and laboratory analytical results have been submitted with the notice of completion report (included).