

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 Compy)	Phone: 303.850.7490	
3. Address: 3600 Yosemite Street, Suite #900 City: Denver State: CO Zip: 80237	Fax: 303.850.7498	
5. API Number 05-081-07315	OGCC Facility ID Number 333008	Survey Plat
6. Well/Facility Name: Hiawatha State 1-A Pit	7. Well/Facility Number 423470	Directional Survey
8. Location (Dir/Dir, Sec, Twp, Rng, Meridian): SWSW, Sec. 36, T12N, 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:		Other

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface footage 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"/>

Bottomhole location Dir/Dir, Sec, Twp, Rng, Mer
Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____
Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No
Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

attach directional survey

GPS DATA:
Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration	<input type="checkbox"/> Remove from surface bond
_____	_____	_____	_____	_____	Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):
Effective Date: _____
Plugging Bond: Blanket Individual

CHANGE WELL NAME NUMBER
From: _____
To: _____
Effective Date: _____

ABANDONED LOCATION:
Was location ever built? Yes No
Is site ready for inspection? Yes No
Date Ready for inspection: _____

NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned: _____
Has Production Equipment been removed from site? Yes No
MIT required if shut in longer than two years. Date of last MIT _____

SPUD DATE: _____

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

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
_____	_____	_____	_____	_____	_____

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately _____ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: _____ Report of Work Done 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"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Background Arsenic/SAR & EC for Spills and Releases	

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

Signed: [Signature] Date: 2/24/12 Email: grynpetro@grynberg.com
Print Name: Jack J. Grynberg Title: President

OGCC Approved: [Signature] Title: Env. Sup Date: 2/14/13

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 36200 API Number: 05-081-07315
2. Name of Operator: Grynberg Jack J (Grynberg Petroleum) OGCC Facility ID # 333008
3. Well/Facility Name: Hiawatha State 1-A Pit Well/Facility Number: 423470
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW, Sec. 36, T12N, R101W, 6PM

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 1-A:

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

This COGCC Form 4 is being submitted in conjunction with a Form 27 (Remediation # currently unassigned) for the Hiawatha State 1-A 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 5, 2011 (Spill/Release Tracking #2214543). 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, SAR, pH and arsenic concentrations.

Eight confirmation samples were collected from various locations within the drilling pit bottom (approximately 10-12 feet below surrounding grade) and sidewalls in June 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 two locations, SAR at two locations and pH at two locations.

***Arsenic Concentrations**

Five grab background samples were collected from nearby non-impacted, native soil from a depth of 0-6 inches and three grab background samples from a depth of 10.5-13 feet below ground surface and analyzed for Arsenic in June 2011. The concentrations found in the confirmation samples are below at least one of the background samples. Grynberg is requesting that the arsenic concentration of the confirmation samples be considered within allowable background levels.

- State 1-A TP-2 (confirmation sample) - 6.9 mg/kg
- State 1-A TP-10 (confirmation sample) - 9.2 mg/kg
- State 1-A TP-12 (confirmation sample) - 8.0 mg/kg
- State 1-A TP-20 (confirmation sample) - 7.3 mg/kg
- State 1-A SSW (confirmation sample) - 14.2 mg/kg
- State 1-A NSW (confirmation sample) - 18.8 mg/kg
- State 1-A ESW (confirmation sample) - 17.1 mg/kg
- State 1-A WSW (confirmation sample) - 11.0 mg/kg

- BG1 (background) - 17.2 mg/kg
- BG2 (background) - 17.3 mg/kg
- BG3 (background) - 19.8 mg/kg
- BG4 (background) - 17.9 mg/kg
- BG5 (background) - 17.9 mg/kg
- DEEP 4-36 BG6 (background) - 87.7 mg/kg
- DEEP 4-36 BG7 (background) - 41.3 mg/kg
- DEEP 4-36 BG8 (background) - 5.7 mg/kg

***Electrical Conductivity, SAR & pH**

As shown in the analytical results summary, the electrical conductivity at two sample locations, SAR at two sample locations and the pH at two locations exceeds the COGCC Table 910-1 allowable concentrations. Grynberg is requesting COGCC consideration that elevated electrical conductivity, SAR 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).

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