FORM 4
Rev 12/05

State of Colorado
Oil and Gas Conservation Commission

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

DE	EI	OE	ES

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: 49100
2. Name of Operator: Koch Exploration Company LLC
3. Address: 950 17th Street, Suite 1900
City: Denver State: CO Zip: 80202
4. Contact Name: Jordan Radin
Phone: 303-325-2564
Fax: 303-325-2599

Complete the Attachment Checklist

OP OGCC

5. API Number 05- 103-07468 OGCC Facility ID Number Location ID 314877
6. Well/Facility Name: Federal A-4 7. Well/Facility Number Federal A-4
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW, Sec 26, T2N, R97W, 6th PM
9. County: Rio Blanco 10. Field Name: White River Dome
11. Federal, Indian or State Lease Number:

Survey Plat		
Directional Survey		
Surface Eqpmt Diagram		
Technical Info Page	X	
Other		

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

	FNL/FSL		FEL/FWL	
Change of **Surface** Footage **from** Exterior Section Lines:				
Change of **Surface** Footage **to** Exterior Section Lines:				
Change of **Bottomhole** Footage **from** Exterior Section Lines:				
Change of **Bottomhole** Footage **to** Exterior Section Lines:				

attach directional survey

Bottomhole location Qtr/Qtr, 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:

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

☐ CHANGE SPACING UNIT
Formation | Formation Code | Spacing order number | Unit Acreage | Unit configuration

☐ 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.)

☐ Intent to Recomplete (submit form 2)	☐ Request to Vent or Flare	☐ E&P Waste Disposal
☐ Change Drilling Plans	☐ Repair Well	☐ Beneficial Reuse of E&P Waste
☐ Gross Interval Changed?	☐ Rule 502 variance requested	☐ Status Update/Change of Remediation Plans
☐ Casing/Cementing Program Change	☒ Other: Treatment Cell	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: Jordan Radin Date: 9/24/2012 Email: RADINJ@KOCHIND.COM

Print Name: Jordan Radin Title: Compliance Manager

COGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

FORM 4 Rev 12/05

TECHNICAL INFORMATION PAGE

FOR OGCC USE ONLY

1. OGCC Operator Number: 49100 API Number: 105-103-07468
2. Name of Operator: Koch Exploration Company LLC OGCC Facility ID # 314877
3. Well/Facility Name: Federal A-4 Well/Facility Number: Federal A-4
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW, Sec 26, T2N, R97W, 6th PM

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 to construct a soil treatment cell on the Federal A-4 well pad for the purpose of bioremediation of soil from the locaitons listed below. Spill Tracking numbers associated with each production pit are also provided.

Federal A-4 (#2230956) ~1000 cubic yards
Parker 1-35 (#2230957) ~4 cubic yards
Ivory 2-34 (#2230958) ~5 cubic yards
Federal 7-33 (#2230953) ~10 cubic yards
Federal 20-1 (#2230954) ~10 cubic yards
Federal 33-2 (#2230955) ~10 cubic yards
Fritzland 1-35 (#2230959) ~5 cubic yards

Koch Exploration (Koch) is requesting to bring all impacted soils from the sites listed above to a single location on the Federal A-4 and treat the soils at the same time in one treatment cell.

Attached is a waste managment work plan outlining the treatment process, duration, and closure sampling. Upon successful treatment, a follow up Sundry Notice Form 4 will be submitted to the COGCC requesting closure and final disposition of the treated soils.

WASTE MANAGEMENT PLAN

Introduction

This Waste Management Plan summary outlines the procedures for the establishment of an ex-situ land treatment unit for the application of bioremediation technologies for remediating hydrocarbon impacted soil. It is proposed that excavated hydrocarbon impacted soil be transported to a single location [as allowable under Rule 907.a(3)] and remediated to below COGCC Table 910-1 concentration levels in less than three (3) years. The proposed land treatment unit at the Federal A-4 Well Pad site will *not* be used as a Centralized E & P Waste Management Facility as outlined in COGCC Rule 908.

Ex-Situ Site preparation

For ex-situ bioremediation soil treatment HCSI recommends that all pit closure excavations be treated as a single entity at the Koch Federal A-4 well site. The excavated soils will be transferred to a single location where the soil will be spread into an unlined land treatment unit (LTU). The area of the proposed LTU will be leveled and an earthen berm will be constructed around the treatment area which will accommodate a one hundred (100) year flood event. Prior to the placement of hydrocarbon impacted soil into the LTU a soil sample will be collected from the central portion of the proposed LTU to determine background analytical levels for native soil at the site location. A soil sample will also be collected at the end of remediation activities from the same location to verify remediation processes within the LTU did not impact the native soil beneath the LTU . Hydrocarbon impacted soil will be spread within the bermed LTU to a total depth not to exceed twelve (12) inches.

Ex-Situ Treatment Procedures

Hydrocarbon impacted soil within the LTU will be tilled at least once per month from April - Octoberusing a tractor mounted heavy-duty tiller. Water, bioremediation products and soil additives will be delivered to the site location at least once per month from April – October using a water truck. Bioremediation products and soil additives will be mixed with water and applied to the soil using a high pressure pump and delivered by hose. The amount of water, bioremediation products and soil additives being added to the soil will be determined at the time of the initial treatment activities based on soil permeability parameters. The bioremediation project will require approximately twelve (12) working months for completion, taking into consideration that treatment at the site will not be conducted during winter months (November – March) because of weather associated with the site location (freezing/muddy conditions).

Ex-Situ Monitoring

In order to maintain the proper monitoring of the progress for in-situ soil remediation, a series of composite sampling events will be conducted every month (April – October) from locations in the LTU(s). For each monitoring/sampling event a total of one (1) sample will be analyzed for

DRO, GRO, and BTEX TPH constituents. Soil samples will be collected at six (6) inch depths. Soil samples will be assigned a sample identification number consisting of the initials COMP for 'composite,' followed by the date the sample was collected. Soil samples collected for standard chemical analysis will be placed in laboratory-provided containers, preserved on ice, and shipped by overnight carrier to ALS Environmental in Holland, Michigan for analysis.

Project Closure

When field screen readings indicate that hydrocarbon impacts are below COGCC Table 910.1 allowable standards confirmation soil samples will be collected and submitted to ALS Environmental for complete COGCC Table 910-1 analysis. Upon completion of the remediation a closure report will be drafted by HCSI and submitted to Koch Exploration. All sampling activities will be completed in accordance with the recommended protocol specified by ALS Environmental, HCSI, Koch Exploration, COGCC and EPA sampling criteria. The remediated soil will be utilized by Koch Exploration at their discretion upon approval from the COGCC via Sundry Notice Form 4 for beneficial re-use.

Health, Safety and Documentation

Field work will be performed in OSHA Level D and FRC personal protective gear. All safety measures will be taken to ensure the work is completed in accordance with safety protocol specified by federal, state, county, or private requirements. All activities conducted in the field will be documented. Documentation will include safety meeting data, quarterly reports, written records and photographs documenting the activities being performed. GPS mapping will be used when applicable.