

# 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	ET	OE	ES
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## SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 10421 Contact Name Duncan Shepherd  
 Name of Operator: PETROLEUM RESOURCE MANAGEMENT CORP. Phone: (303) 861-9480  
 Address: 1580 LINCOLN ST., STE 635 Fax: (303) 861-7362  
 City: DENVER State: CO Zip: 80203 Email: petromgt@comcast.net

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 081 07799 00 OGCC Facility ID Number: 436484  
 Well/Facility Name: Duncan Ranch Well/Facility Number: 11-89-36 #3-4  
 Location QtrQtr: LOT 19 Section: 36 Township: 11N Range: 89W Meridian: 6  
 County: MOFFAT Field Name: WILDCAT  
 Federal, Indian or State Lease Number: \_\_\_\_\_

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

## CHANGE OF LOCATION OR AS BUILT GPS REPORT

☐ Change of Location \* ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

**SURFACE LOCATION GPS DATA** Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ PDOP Reading \_\_\_\_\_ Date of Measurement \_\_\_\_\_  
 Longitude \_\_\_\_\_ GPS Instrument Operator's Name \_\_\_\_\_

### LOCATION CHANGE (all measurements in Feet)

Well will be: \_\_\_\_\_ (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr LOT 19 Sec 36

New **Surface** Location **To** QtrQtr \_\_\_\_\_ Sec \_\_\_\_\_

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec \_\_\_\_\_

New **Top of Productive Zone** Location **To** Sec \_\_\_\_\_

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

New **Bottomhole** Location Sec \_\_\_\_\_ Twp \_\_\_\_\_

Is location in High Density Area? \_\_\_\_\_

Distance, in feet, to nearest building \_\_\_\_\_, public road: \_\_\_\_\_, above ground utility: \_\_\_\_\_, railroad: \_\_\_\_\_,

property line: \_\_\_\_\_, lease line: \_\_\_\_\_, well in same formation: \_\_\_\_\_

Ground Elevation \_\_\_\_\_ feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>728</u>	<u>FSL</u>	<u>2409</u>	<u>FEL</u>
_____	_____	_____	_____
Twp <u>11N</u>	Range <u>89W</u>	Meridian <u>6</u>	
Twp _____	Range _____	Meridian _____	
_____	_____	_____	_____
_____	_____	_____	_____
Twp _____	Range _____		
Twp _____	Range _____		
_____	_____	_____	_____
_____	_____	_____	_____

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\*\* attach deviated drilling plan

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>
CARLILE	CARL			
DAKOTA	DKTA			
DEEP CREEK SAND	DPCK			
ENTRADA	ENRD			
FORT UNION	FTUN			
FRONTIER	FRTR			
LANCE	LNCE			
LEWIS	LWIS			
MANCOS	MNCS			
MESAVERDE	MVRD			
MORRISON	MRSN			
MOWRY	MWRY			
NIOBRARA	NBRR			

**OTHER CHANGES**

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE OF WELL, FACILITY OR OIL & GAS LOCATION NAME OR NUMBER**

From: Name DUNCAN RANCH Number 11-89-36 #3-4 Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 905)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 908)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☒ **REQUEST FOR CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

**RECLAMATION****INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

## FINAL RECLAMATION

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

Comments:

## ENGINEERING AND ENVIRONMENTAL WORK

☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

☐ SPUD DATE: \_\_\_\_\_

## TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☒ NOTICE OF INTENT Approximate Start Date 06/01/2015

☐ REPORT OF WORK DONE Date Work Completed \_\_\_\_\_

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <input checked="" type="checkbox"/> Change Drilling Plan             | <input type="checkbox"/> Repair Well  | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change                       | <input type="checkbox"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Other _____                                 | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |

COMMENTS:

PRM wishes to change the well TD to 14,000 feet (from 10,000 feet).

## CASING AND CEMENTING CHANGES

Casing Type	Size	Of	/	Hole	Size	Of	/	Casing	Wt/Ft	Csg/LinTop	Setting Depth	Sacks of Cement	Cement Bottom	Cement Top
Conductor casing	26				20				94	0	60	140	60	0
Surface String	17	1		2	13	3		8	54.5	0	2600	1500	2600	0
First String	12	1		4	9	5		8	43.5-53.5	0	10200	1015	10200	4400
1ST LINER	8	1		4	7				32	10100	12640	300	12640	10100
2ND LINER	5	7		8	4	1		2	11.6	12500	13500	90	13500	12500

## H2S REPORTING

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

**Gas Analysis Report must be attached.**

H2S Concentration: \_\_\_\_\_ in ppm (parts per million)

Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

**Best Management Practices**

**No BMP/COA Type**

**Description**

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Operator Comments:

Nore: The first casing string will contain 9-5/8" casing from 0 to 8,200 feet with a weight of 43.5 #/foot and 9-5/8" casing from 8,200 to 10,200 feet with a weight of 53.5 #/foot.

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

Signed: \_\_\_\_\_

Print Name: Rick Obernolte

Title: Agent

Email: rickobe1@aol.com

Date: 2/8/2015

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: ANDREWS, DAVE

Date: 2/18/2015

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

- 1) Operator shall comply with the most current revision of the Northwest Notification Policy. See attached notice.
- 2) Operator shall provide cement coverage from the First String (9-5/8" first intermediate casing) shoe to a minimum of 200' above the surface casing shoe to provide isolation of all Cretaceous (including Mesaverde Group and Lewis) oil, gas, and water-bearing sandstone and coalbed formations that are not otherwise covered by surface casing. Verify First String (9-5/8" first intermediate casing) cement coverage with a cement bond log.

**General Comments****User Group****Comment****Comment Date**

Engineer	Changed "Second String" to "First Liner" and "Third String" to "Second Liner."	2/18/2015 12:46:25 PM
Engineer	Offset water wells re-checked: COGCC evaluated offset water wells within one mile of this proposed well's surface hole location. This information was used in addition to locally-available geophysical logs and hydrogeologic information to evaluate the adequacy of the operator's proposed surface casing setting depth. The deepest water well within one mile is 600 feet.	2/18/2015 12:34:51 PM
Engineer	The Fort Union Formation outcrops at surface. The revised surface casing setting depth of 2600 feet is expected to provide full coverage of the Fort Union Formation, based on the reported Lance Formation top in an offset well and the geologic prognosis attached to this form (included as part of the Operations Summary attachment). The proposed cement top of 4400 feet for the First String (9-5/8" first intermediate casing) is not adequate for zonal isolation. Minimum required cement coverage for the First String is specified in Condition of Approval #2. COGCC concurs with operator's plans to lap the First Liner cement into the First String and operator's plans to lap the Second Liner cement into the First Liner for full cement isolation of the wellbore.	2/18/2015 12:26:05 PM
Engineer	There are no offset oil and gas wells within 1500 feet of this proposed wellbore.	2/18/2015 12:24:08 PM
Permit	Removed two related forms from related forms tab and renamed attachment to operations summary from deviated drilling plan and notified opr.	2/9/2015 7:55:00 AM

Total: 5 comment(s)

**Attachment Check List****Att Doc Num****Name**

400784356	FORM 4 SUBMITTED
400784357	WELLBORE DIAGRAM
400784358	OPERATIONS SUMMARY
400784359	ACCESS ROAD MAP
400784360	WELL LOCATION PLAT

Total Attach: 5 Files