

**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 |
| Document Number:<br><b>400652501</b> |    |    |    |
| Date Received:<br><b>08/12/2014</b>  |    |    |    |

**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: 10459 Contact Name Sonia Spencer  
 Name of Operator: EXTRACTION OIL & GAS LLC Phone: (720) 420-5749  
 Address: 1888 SHERMAN ST #200 Fax: (720) 420-5800  
 City: DENVER State: CO Zip: 80203 Email: sonia.spencer@iptenergyservices.com

Complete the Attachment  
Checklist

OP OGCC

API Number : 05- 123 39183 00 OGCC Facility ID Number: 436581  
 Well/Facility Name: DIAMOND VALLEY EAST Well/Facility Number: 8  
 Location QtrQtr: SWSW Section: 23 Township: 6N Range: 67W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 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 40.467750 PDOP Reading 1.7 Date of Measurement 08/19/2013  
 Longitude -104.869810 GPS Instrument Operator's Name Mark Angell

**LOCATION CHANGE (all measurements in Feet)**

Well will be: HORIZONTAL (Vertical, Directional, Horizontal)

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

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

Current **Surface** Location **From** QtrQtr SWSW Sec 23

New **Surface** Location **To** QtrQtr SWSW Sec 23

| FNL/FSL       |                  | FEL/FWL           |            |
|---------------|------------------|-------------------|------------|
| <u>928</u>    | <u>FSL</u>       | <u>155</u>        | <u>FWL</u> |
| <u>928</u>    | <u>FSL</u>       | <u>155</u>        | <u>FWL</u> |
| Twp <u>6N</u> | Range <u>67W</u> | Meridian <u>6</u> |            |
| Twp <u>6N</u> | Range <u>67W</u> | Meridian <u>6</u> |            |

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 22

New **Top of Productive Zone** Location **To** Sec 22

|               |                  |            |            |    |
|---------------|------------------|------------|------------|----|
| <u>1485</u>   | <u>FSL</u>       | <u>460</u> | <u>FEL</u> |    |
| <u>1485</u>   | <u>FSL</u>       | <u>460</u> | <u>FEL</u> | ** |
| Twp <u>6N</u> | Range <u>67W</u> |            |            |    |
| Twp <u>6N</u> | Range <u>67W</u> |            |            |    |
| <u>1485</u>   | <u>FSL</u>       | <u>460</u> | <u>FWL</u> |    |
| <u>1485</u>   | <u>FSL</u>       | <u>460</u> | <u>FWL</u> | ** |

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

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

Current **Bottomhole** Location Sec 22 Twp 6N

New **Bottomhole** Location Sec 21 Twp 6N

Range 67W      \*\* attach deviated drilling plan  
 Range 67W

Is location in High Density Area? No

Distance, in feet, to nearest building 866, public road: 858, above ground utility: 1394, railroad: 1451,  
 property line: 155, lease line: 0, well in same formation: 165

Ground Elevation 4769 feet Surface owner consultation date \_\_\_\_\_

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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| NIOBRARA                   | NBRR                  |                             | 640                 | GWA                       |

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 DIAMOND VALLEY EAST Number 8 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 08/19/2014

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:

New plats and drill plans are attached, lateral is being lengthened.

**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 | 20   |    |   |      | 16   |    |   |        | 65    | 0          | 65            |                 |               |            |
| Surface String   | 12   | 1  |   | 4    | 9    | 5  |   | 8      | 36    | 0          | 750           | 398             | 750           | 0          |
| First String     | 8    | 3  |   | 4    | 7    |    |   |        | 26    | 0          | 7431          | 706             | 7431          | 3000       |
| 1ST LINER        | 6    | 1  |   | 8    | 4    | 1  |   | 2      | 13.5  | 7231       | 16897         |                 |               |            |

**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:

| <b><u>Best Management Practices</u></b> |                           |
|---|---------------------------|
| <b><u>No BMP/COA Type</u></b>           | <b><u>Description</u></b> |
|   |                           |

**Operator Comments:**

The new proposed spacing unit: S/2 of Sect 21-T6N-R67W and S/2 of Sect22. T6N-R67W. Operator notified on 06/17/14 all owners as defined in C.R.S. §34-60-103(7) and received an objection within the proposed spacing unit. The lateral is planned to avoid Mineral Owner with valid request.

Certification of objections is attached as the second page on the proposed spacing unit attachment.

The offset HZ spreadsheet is attached.

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

Signed: \_\_\_\_\_ Print Name: Sonia Spencer  
Title: Project Manager Email: sonia.spencer@iptenergyservices.com Date: 8/12/2014

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

COGCC Approved: HICKEY, MIKE Date: 8/21/2014

**CONDITIONS OF APPROVAL, IF ANY:**

**COA Type**

**Description**

|  |   |
|--|---|
|  | 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU.<br>2) Comply with Rule 317.i and provide cement coverage from end of 7" casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.<br>3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well. |
|--|---|

**General Comments**

| <u>User Group</u> | <u>Comment</u>          | <u>Comment Date</u>     |
|-------------------|-------------------------|-------------------------|
| Engineer          | Evaluated offset wells. | 8/20/2014<br>3:43:47 PM |

Total: 1 comment(s)

**Attachment Check List**

| <u>Att Doc Num</u> | <u>Name</u>            |
|--------------------|------------------------|
| 400652501          | FORM 4 SUBMITTED       |
| 400662341          | WELL LOCATION PLAT     |
| 400662348          | DEVIATED DRILLING PLAN |
| 400662354          | DIRECTIONAL DATA       |
| 400662370          | OFFSET WELL EVALUATION |
| 400662561          | PROPOSED SPACING UNIT  |

Total Attach: 6 Files