

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: 401140334 | | | |
| Date Received: 12/09/2016 | | | |

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: | 47120 | Contact Name | CHERYL LIGHT |
| Name of Operator: | KERR MCGEE OIL & GAS ONSHORE LP | Phone: | (720) 929-6461 |
| Address: | P O BOX 173779 | Fax: | (720) 929-7461 |
| City: | DENVER | State: | CO |
| Zip: | 80217-3779 | Email: | CHERYL.LIGHT@ANADARKO.CO M |

Complete the Attachment
Checklist

OP OGCC

| | | | | | | | | | |
|--|-------------|-------------|------------|-----------------------|--------------------------|--------|-----|-----------|---|
| API Number : | 05- | 123 | 42993 | 00 | OGCC Facility ID Number: | 445268 | | | |
| Well/Facility Name: | KEOWN STATE | | | Well/Facility Number: | 14N-3HZ | | | | |
| Location QtrQtr: | SWNW | Section: | 15 | Township: | 2N | Range: | 68W | 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 _____ PDOP Reading _____ Date of Measurement _____
Longitude _____ GPS Instrument Operator's Name _____

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 SWNW Sec 15

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 15

New **Top of Productive Zone** Location **To** Sec 15

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

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

Current **Bottomhole** Location Sec 3 Twp 2N

New **Bottomhole** Location Sec 34 Twp 3N

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 | |
|---------------|------------------|-------------------|-----|
| 1799 | FNL | 837 | FWL |
| | | | |
| Twp <u>2N</u> | Range <u>68W</u> | Meridian <u>6</u> | |
| Twp _____ | Range _____ | Meridian _____ | |
| 1964 | FNL | 1554 | FWL |
| 1150 | FNL | 1085 | FWL |
| | | | ** |
| Twp <u>2N</u> | Range <u>68W</u> | | |
| Twp <u>2N</u> | Range <u>68W</u> | | |
| 408 | FSL | 1421 | FWL |
| 1461 | FSL | 1129 | FWL |
| | | | ** |

** 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> |
|----------------------------|-----------------------|-----------------------------|---------------------|---------------------------|
| NIOBRARA | NBRR | | 960 | 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 KEOWN STATE Number 14N-3HZ Effective Date: 03/29/2016

To: Name KEOWN STATE Number 19N-34HZ

☐ **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 01/02/2017

☐ 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:

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 | | | | 16 | | | | 42.1 | 0 | 40 | 30 | 40 | 0 |
| Surface String | 13 | 1 | | 2 | 9 | 5 | | 8 | 36 | 0 | 1500 | 580 | 1500 | 0 |
| First String | 7 | 7 | | 8 | 5 | 1 | | 2 | 17 | 0 | 20738 | 2470 | 20738 | |

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

| | |
|--|--|
| | |
|--|--|

Operator Comments:

PROPOSED SPACING UNIT

02N-68W-Sec 3: W/2

02N-68W-Sec 10: W/2

02N-68W-Sec 15: NW/4

03N-68W-Sec 34: SW/4

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation - 20'

Distance from proposed wellbore to nearest existing or permitted wellbore belonging to another operator - 150'

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

Signed: _____ Print Name: CHERYL LIGHT
Title: SR REGULATORY ANALYST Email: DJREGULATORY@ANADARKO.COM Date: 12/9/2016

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

COGCC Approved: GARRISON, PENNY Date: 12/22/2016

CONDITIONS OF APPROVAL, IF ANY:

COA Type

Description

| | |
|--|---|
| | Operator acknowledges the proximity of the listed non-operated wells. Operator assures that this offset list will be remediated per the DJ Basin Horizontal Offset Policy (option 3). Operator will submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. Clara A Bacon 1 (05-123-07592) Anderson Family Trst Gu B #1 (05-123-08359) |
|--|---|

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | ON HOLD: requesting 30 Day Certification letter. Received 30 Day Certification letter and Proposed spacing unit. Permitting Review Complete. | 12/22/2016 |
| Engineer | This Form 4 makes changes to the approved Form 2 and must be displayed with the Form 2 while drilling. COAs on Form 2 for bradenhead testing, cementing and mitigation of wells prior to stimulation. Additional COAs for mitigation added to this Form 4. The well belonging to another operator within 150' is an AB well- no stimulation setback consent required. | 12/16/2016 |
| Engineer | Emailed operator about two new wells that will need mitigation prior to stimulation. Waiting on response to email. | 12/14/2016 |

Total: 3 comment(s)

Attachment Check List

| <u>Att Doc Num</u> | <u>Name</u> |
|---------------------------|------------------------|
| 1696760 | PROPOSED SPACING UNIT |
| 401140334 | FORM 4 SUBMITTED |
| 401140339 | DEVIATED DRILLING PLAN |
| 401140340 | WELL LOCATION PLAT |
| 401140341 | DIRECTIONAL DATA |
| 401164258 | OFFSET WELL EVALUATION |

Total Attach: 6 Files