

**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: <b>400942102</b>			
Date Received: <b>11/24/2015</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: <u>10396</u>	Contact Name <u>Cheryl Rowell</u>
Name of Operator: <u>SWN PRODUCTION COMPANY LLC</u>	Phone: <u>(832) 796-7439</u>
Address: <u>PO BOX 12359</u>	Fax: <u>(832) 796-8817</u>
City: <u>SPRING</u> State: <u>TX</u> Zip: <u>77391</u>	Email: <u>cheryl_rowell@swn.com</u>

  

API Number : <u>05-0810768300</u>	OGCC Facility ID Number: <u>425555</u>
Well/Facility Name: <u>KLINE</u>	Well/Facility Number: <u>21-23</u>
Location QtrQtr: <u>Lot 3</u> Section: <u>23</u> Township: <u>7N</u> Range: <u>91W</u> Meridian: <u>6</u>	
County: <u>MOFFAT</u> Field Name: <u>WILDCAT</u>	
Federal, Indian or State Lease Number: _____	

Complete the Attachment  
Checklist

OP OGCC

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 40.555772 PDOP Reading 1.6 Date of Measurement 10/19/2015  
Longitude -107.574478 GPS Instrument Operator's Name MARTIN PIERCE

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

Well will be: VERTICAL (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 3 Sec 23

New **Surface** Location **To** QtrQtr Lot 3 Sec 23

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 625, public road: 2615, above ground utility: 2338, railroad: 5280,

property line: 641, lease line: 625, well in same formation: 5280

Ground Elevation 6565 feet Surface owner consultation date 11/16/2015

FNL/FSL		FEL/FWL	
<u>714</u>	<u>FNL</u>	<u>1849</u>	<u>FWL</u>
<u>678</u>	<u>FNL</u>	<u>1955</u>	<u>FWL</u>
Twp <u>7N</u>	Range <u>91W</u>	Meridian <u>6</u>	
Twp <u>7N</u>	Range <u>91W</u>	Meridian <u>6</u>	
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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>

**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 KLINE Number 21-23 Effective Date: 11/24/2015

To: Name KLINE Number 7-91 1-23

☐ **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: Well Location Plat

**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 11/24/2015

☐ 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:

This well will be drilled as a pilot hole for informational purposes only. The well will be sidetracked and completed as a horizontal.

#### 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	24				20				85	0	60	100	60	0
Surface String	17	1		2	13	3		8	54.5	0	1200	731	1200	0
First String	12	1		4	9	5		8	40	0	5700	1057	5700	700

#### 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:

This well will be drilled as a pilot hole for informational purposes only. The wellbore will be sidetracked and completed as a horizontal well.

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

Signed: \_\_\_\_\_ Print Name: Cheryl Rowell  
Title: Sr. Staff Reg. Analyst Email: cheryl\_rowell@swi.com Date: 11/24/2015

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: 11/27/2015

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

Conditions of Approval on Form 2 #400674524 still apply with this wellbore configuration change:

Open hole resistivity and gamma logs shall be run to describe the stratigraphy of the entire well bore and to adequately verify the setting depth of surface casing and aquifer coverage. On a multi-well pad, these open hole logs are only required on one of the first wells drilled on the pad and the Drilling Completion Report - Form 5 for every well on the pad shall identify which well was logged.

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) CEMENT ON INTERMEDIATE CASING (9-5/8" FIRST STRING) MUST EXTEND INTO THE SURFACE CASING (MINIMUM 200' LAP ABOVE SURFACE CASING SHOE) TO PROVIDE ISOLATION OF ALL CRETACEOUS (INCLUDING MESAVERDE GROUP, LEWIS, FOX HILLS, AND LANCE) AND TERTIARY (INCLUDING FORT UNION) OIL, GAS, AND WATER-BEARING SANDSTONE AND COALBED FORMATIONS THAT ARE NOT OTHERWISE COVERED BY SURFACE CASING. VERIFY INTERMEDIATE CASING (9-5/8" FIRST STRING) CEMENT COVERAGE WITH A CBL.

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

Engineer	Approval of this form does not approve a lateral sidetrack from this pilot hole. A new Form 2 is required for the planned 01 wellbore lateral sidetrack.	11/27/2015 10:29:44 AM
Engineer	Comments copied from Form 2 #400674524 (remains valid as of 11/27/2015):  PROPOSED SURFACE CASING OF 1200' MAY NOT PROVIDE FULL COVERAGE OF FORT UNION FORMATION, BASED ON FORT UNION REPORTED LOG TOP IN AN OFFSET WELL. COGCC CONCURS WITH OPERATOR'S PLAN TO CEMENT THE INTERMEDIATE CASING (9-5/8" FIRST STRING) INTO THE SURFACE CASING. MINIMUM INTERMEDIATE CASING CEMENT REQUIREMENTS ARE SPECIFIED IN CONDITION OF APPROVAL #2.  THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 560 FEET DEEP.  OFFSET WELL EVALUATION: NO EXISTING OFFSET OIL & GAS WELLS WITHIN 1,500 FEET OF THIS PROPOSED WELLBORE.	11/27/2015 10:25:11 AM
Permit	Operator is converting this APD to a Pilot Hole. Location is Fee/Fee; SWN has spacing approved for Niobrara in all of Sec 23. Permitting approves changes.	11/25/2015 8:43:02 AM

Total: 3 comment(s)

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

400942102	FORM 4 SUBMITTED
400942129	WELL LOCATION PLAT

Total Attach: 2 Files