

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: 400719255			
Date Received: 10/29/2014			

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>SOUTHWESTERN ENERGY PRODUCTION COMPANY</u>	Phone: <u>(281) 618-7439</u>
Address: <u>2350 N SAM HOUSTON PKWY EAST #125</u>	Fax: <u>()</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77032</u>	Email: <u>cheryl_rowell@swn.com</u>

Complete the Attachment
Checklist

OP OGCC

API Number : <u>05-</u> <u>107</u> <u>06263</u> <u>00</u>	OGCC Facility ID Number: <u>437726</u>
Well/Facility Name: <u>North Hayden</u>	Well/Facility Number: <u>1-26</u>
Location QtrQtr: <u>SENE</u> Section: <u>26</u> Township: <u>7N</u> Range: <u>88W</u> Meridian: <u>6</u>	
County: <u>ROUTT</u> Field Name: <u>WILDCAT</u>	
Federal, Indian or State Lease Number: <u>CO92785.001</u>	

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 SENE Sec 26

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>1927</u>	<u>FNL</u>	<u>268</u>	<u>FEL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u>7N</u>	Range <u>88W</u>	Meridian <u>6</u>	
Twp <u> </u>	Range <u> </u>	Meridian <u> </u>	
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Twp <u> </u>	Range <u> </u>		
Twp <u> </u>	Range <u> </u>		
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Range <u> </u>			
Range <u> </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 NORTH HAYDEN Number 1-26 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 10/29/2014

☐ REPORT OF WORK DONE Date Work Completed _____

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

COMMENTS:

Well was permitted and drilling plan designed by SWEPI. Southwestern would like to drill to 9531' MD and run & cement production casing to TD.

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	30				20				40	0	80	270	80	0
Surface String	17	1		2	13	3		8	54.5	0	1200	729	1200	0
First String	12	1		4	9	5		8	40	0	6700	1595	6700	1000
Second String	8	3		4	5	1		2	20	0	9531	797	9531	6500

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:

Request to drill well to 9531'. Change casing design to run and cement casing to TD.

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@swn.com Date: 10/29/2014

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

COGCC Approved: ANDREWS, DAVID Date: 10/30/2014

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

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED. SEE ATTACHED NOTICE.
(2) INTERMEDIATE CASING (9+5/8" FIRST STRING) CEMENT MUST PROVIDE COVERAGE OF ALL CRETACEOUS FORMATIONS PENETRATED BY THE PRODUCTION HOLE, INCLUDING ANY PORTION OF THE MESAVERDE GROUP AND LEWIS FORMATION THAT IS PRESENT BELOW THE SURFACE CASING SHOE. INTERMEDIATE CASING (9+5/8" FIRST STRING) CEMENT SHALL LAP A MINIMUM OF 200' INTO THE SURFACE CASING, AND CEMENT COVERAGE VERIFICATION BY CBL IS REQUIRED.

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	OFFSET WELL EVALUATION: NO EXISTING OFFSET OIL AND GAS WELLS W/IN 1500' OF THIS PROPOSED WELLBORE.	10/29/2014 3:45:45 PM
Engineer	THE PROPOSED SURFACE CASING IS MORE THAN 50 FEET 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 1,000 FEET DEEP.	10/29/2014 3:42:26 PM

Total: 2 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400719255	FORM 4 SUBMITTED

Total Attach: 1 Files