

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
<p>Document Number:</p> <p><u>400851314</u></p> <p>Date Received:</p>			

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.com	

Complete the Attachment Checklist

OP OGCC

API Number :	05-	123	12776	00	OGCC Facility ID Number:	244981
Well/Facility Name:	STARCK			Well/Facility Number:	2	
Location	QtrQtr: SWSW	Section: 18	Township: 4N	Range: 67W	Meridian: 6	
County:	WELD		Field Name:	WATTENBERG		
Federal, Indian or State Lease Number:						

Survey Plat		
Directional Survey		
Srvc Eqpmnt 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 **SWSW** Sec **18**

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		
990	FSL	990	FWL	
Twsp	4N	Range	67W	Meridian
Twsp		Range		Meridian
				**
Twsp		Range		
Twsp		Range		
				**
Range		** attach deviated drilling plan		
Range				

** 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 STARCK Number 2 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 06/23/2015

☐ 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 type="checkbox"/> Change Drilling Plan | <input checked="" 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:

1 Well needs remedial cement over the top of Nio, packer and new wellhead. Currently has a 3k wellhead. Well is 1832' offset to PDC's RIEDER pad. Gyro was run on 01/28/2015 to 7550'.

2 Call Foreman or Field Coordinator before rig up to isolate production equipment. Catch and remove plunger. Enter plunger into PLUNGER DATABASE. Call 24 hours prior to the rig moving onto location so that any automation equipment can be removed prior to the rig showing up. Install fence if needed. NOTE: Report surface casing pressure to engineer. If surface casing is not accessible at ground level, re-pipe so valve is at ground level.

3 Level location for base beam rig.

4 MIRU slickline. RIH to retrieve production equipment. RIH and tag for fill. Last tag was to 7550' on 1/28/2015. RDMO slickline.

5 MIRU WO Rig. Control well with biocide treated water. ND WH and NU BOPE.

6 Unland 2-3/8" tbg and LD landing joint.

7 MIRU EMI services. EMI 2-3/8" TBG while TOO (Do not exceed 39,560 lb when pulling) and tally while standing back. Lay down joints with wall loss or penetrations > 35%. Replace bad joints as necessary. Note joint number and depth of bad tubing and create Production Equipment Failure Report in OpenWells. RDMO EMI services.

8 Clean out well by bailing sand if slickline indicates fill over the perforations.

9 PU scraper for 4-1/2" 11.6# casing and RIH to 6750' Reciprocate across interval at 6720', then PUH and reciprocate across interval at 6370'. POOH and LD scraper.

10 PU CIBP (4.5", 11.6#, K-55) and 2-3/8" tubing and set CIBP at +/- 6720'. Nearest collars at 6704' and 6746'.

11 Release tbg from CIBP and circulate all gas out of the hole. Pumping water with biocide, pressure test CIBP and production casing to 1,000 psi for 15 minutes to verify CIBP set. If pressure test passes, proceed; otherwise contact engineering.

12 Dump 2 sx of sand on CIBP. TOO and SB tubing.

13 RU WL. PU 1-1-ft, 3 spf, 0.59" EHD, 4.725" PEN. squeeze hole guns. RIH and shoot 1-ft at 6570'. POOH. RDMO WL.

14 PU CICR for 4-1/2" 11.6# casing on 2-3/8" tbg and hydrotest to 6000 psi while RIH to +/- 6370' pending CCL run

15 Using rig pump, establish circulation down tbg up the surface casing. Well may not circulate but instead go into the Sussex, which is OK. Monitor Bradenhead pressure while pumping.

16 RU Cementers. Pumping down tbg up Bradenhead, pump 80 sx (~133 cuft) 1:1:3 'Poz:G:Gel' w/ 20% silica, 0.4% CFL-3, 0.4% CFR-2, 0.1% SMS mixed at 13.5 ppg and 1.66 cuft/sk yield. Volume based on 9-1/4" x 4-1/2" annulus with 20% excess from 6570' to 6370'.

17 Underdisplace cement by 1 bbl and unsting from CICR and spot final 1 bbl of cement on top of the CICR. POOH and SB. WOC per cement company recommendations.

18 PU 3-7/8" bit and RIH to tag cement at ~6300'. Drill out cement, CICR, cement under the CICR. Continue to RIH to the sand capped CIBP. POOH and LD bit.

19 RU WL. Run CBL from 6700' to 6000' to verify cement coverage. Tie into the Schlumberger CBL dated 12/5/1985 in the log file room. RD WL.

20 ND BOP. Replace casing valves and nipples with components rated to 5000 psi.

21 ND existing tubing head off the 4.5" casing and install new WHI 5,000 psi flanged tubing head complete with 5000 psi rated casing valves, and XXH nipples.

22 NU BOP.

23 PU 3-7/8" bit and RIH to the sand capped CIBP at 6720'. Drill out CIBP and push to bottom. POOH and LD bit.

24 Clean out well by bailing sand if slickline indicates fill over the perforations.

25 PU 2-3/8" NC, 2-3/8" XN profile nipple and 2-3/8" tbg (make sure nipple is properly input into OpenWells), land tubing with EOT at +/- 7628'.

26 RU rig lubricator. Broach tbg to seating nipple. RD rig lubricator.

27 ND BOP. NU wellhead.

28 Install 2-3/8" pup joint above master valve. Pressure test tbg head from below tbg head through master valve with hydrotester to 5,000psi.

29 RDMO WO rig

30 Return well to production team

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

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.):

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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:

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Best Management Practices

No BMP/COA Type

Description

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Operator Comments:

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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: _____

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

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

General Comments

User Group

Comment

Comment Date

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Total: 0 comment(s)

Attachment Check List

Att Doc Num

Name

400851317	OTHER
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Total Attach: 1 Files