

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

OCD Artesia

5. Lease Serial No.
NMNM113937

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CRAIG FEDERAL COM 2H

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES

E-Mail: mreyes1@concho.com

9. API Well No.

30-015-44209-00-X1

3a. Address

600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 575-748-6945

10. Field and Pool or Exploratory Area

WC G 03 S262631M

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 1 T26S R26E NWNW 675FNL 760FWL
32.077152 N Lat, 104.252769 W Lon

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating LLC, respectfully requests approval for the following changes the original approved APD.

FLEX HOSE VARIANCE
See attached.

DRILLING CHANGES
See attached.

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 21 2017

RECEIVED

OC 8-22-17
Accepted for record - NMOCDSEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #382983 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/07/2017 (17PP0851SE)

Name (Printed/Typed) MAYTE X REYES

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/28/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Eng

Date

8/15/17

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

LEO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

7.27.17

Craig Federal Com Federal #2H API 30-015-44209

The purpose of this Sundry Request is to:

- (1) Request change in our Surface Casing setting depth from the approved depth of 155' to 450' to provide a better casing seat as we drill our Intermediate Hole Section. This will be consistent with the previously approved (and drilled) casing set depth on the Craig Federal Com #12 located 30' East of the Craig Federal Com 2H location.
- (2) Request change our approved Intermediate Casing Setting depth from 2050' to 2350' to get a deeper casing seat for Delaware contingencies. This will be consistent with the previously approved intermediate casing set depth of 2350' on the Craig Federal Com #12H located 30' East of the Craig Federal Com 2H.

Casing Program

Surface Casing Program

Set Depth was 155' **Request 450'**

OD – No change 13-3/8" Weight – No Change 54.5 Grade – No Change

Condition – New – No Change Joint – STC - No Change

Burst/Collapse/Tension **2.29/6.17/23.58/23.58**

Intermediate Casing Program -

Set Depth was 2050' **Request 2350'.**

OD – No change 9-5/8" Weight – 40# No Change Grade – J-55 No Change

Condition – New – No Change Joint – LTC

Burst/Collapse/Tension **1.75/1.135/4.58/5.67**

Production Casing – No Change

Cementing Program

Surface Casing Cementing

Lead: Was None – No Change

Tail: Was : 250 sx Class C + 2% CaCl₂

Yield 1.34 cf/sx 14.8 ppg

Tail: Now: 450 sx Class C + 2% CaCl₂

Yield 1.34 cf/sx 14.8 ppg

Design Coverage Was: 0' – 155'

Design Coverage Now: 0' – 450'

100% Excess 17-1/2" x 13-3/8"

Intermediate Casing Cementing

Lead: Was 310 sx Class C Blend 35:65:6

Yield 2.0 cf/sx 12.5 ppg

Lead Now: 550 sx Class C + 4% Gel

Yield 1.73 cf/sx 13.5 ppg

Design Coverage:

0 – 450' 13-3/8" Csg X 9-5/8" Csg 5% Excess

450' – 1650' 12-1/4" OH X 9-5/8" Csg 100% Excess

Tail: Was : 250 sx Class C + 2% CaCl₂

Yield 1.34 cf/sx 14.8 ppg

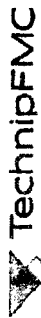
Tail: Now: 250 sx Class C + 2% CaCl₂

Yield 1.34 cf/sx 14.8 ppg

Design Coverage: 1650' – 2350'

50% Excess 12-1/4" x 9-5/8"

Production Casing Cementing Program – No Change



TECHNIP Umbilicals Inc.
COFLEXIP® Products and
Solutions

Quality Control Department

Control Report Dated 6/27/2017

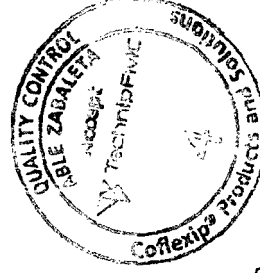
COFLEXIP® Products and Solutions FLEXIBLE PIPE TEST CERTIFICATE

Customer OFS CANADA INC Line Number L16883
Line Serial Number L16883-201
Part Number 076 60414 05 05

Application 3" X 30' 10K CHOKE / KILL LINE

COFLEXIP® Products Division certifies that the results of the test and controls performed on the above mentioned flexible pipe is as follows:

Internal Diameter	3	inches
Length	30.46	feet
Working Pressure	10000	psi
Test Pressure	15000	psi
As per attached recorder chart Test Duration	4	hours



THIRD PARTY INSPECTION FIRM OR CUSTOMER REPRESENTATIVE

DQAC 1124 Rev 4 17 Apr 17

TU-INC. QUALITY CONTROL

Date Printed 6/28/2017 8:56:23 AM

Test Configuration 12 Zone

Production Information Input

Customer ID
DFS CANADA INC
Line S/N
116883-201

Technician
JUAN

QC Information Input

QC Insp
ABEL

Third Party
BV

Witness?
Yes

Test Procedure
SIC 01 60

Special Instructions

Station 05

Station Information

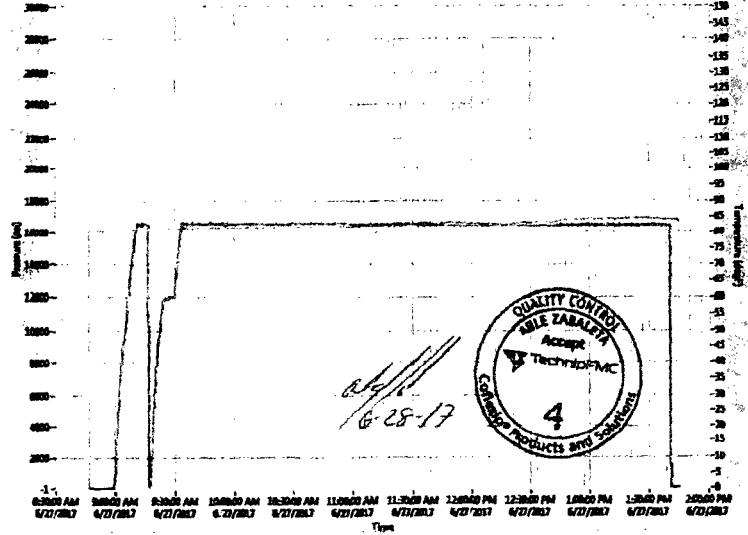
Pressure Transducer S/N
1178524
Stable Press
16500
Calib Due
10/18/2012 8:46:42 AM

Temperature S/N
713A
Test Press
13000
Pressure Range
0 - 30000

Calibration

Raw Maximum	Eng Minimum
0.004000	0.000000
Raw Maximum	Eng Maximum
0.020000	30000.000000

XY Graph



Co-Flex line
Conditions of Approval

Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be swapped with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).