

NM OIL CONSERVATION
ARTESIA DISTRICT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

MAR 01 2019

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.

RECEIVED

5. Lease Serial No.
NMNM127445

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BLUE DUCK FEDERAL 1H

2. Name of Operator
COG OPERATING LLC
Contact: DANA KING
E-Mail: dking@concho.com

9. API Well No.
30-015-40448-00-S1

3a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-818-2267

10. Field and Pool or Exploratory Area
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T16S R30E Lot 4 380FSL 330FWL

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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 recompletion 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 to recomplete the Blue Duck Federal #1 for Casing Test.

We are going to run a CCL/GR to 3,750' to 2,700' and set a CIBP at 3,750' w/40' of CMT on top of the plug to have our PBD @ 3,710'. We will then test the casing to 4,300 PSI and chart to verify integrity.

Please see attached procedure and WBD.

Accepted For Record
NMOCD
3-1-2019

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #455403 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JONATHON W SHEPARD on 02/22/2019 (19JS0059SE)

Name (Printed/Typed) DANA KING Title SUBMITTING CONTACT

Signature (Electronic Submission) Date 02/20/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** JONATHON SHEPARD
Title PETROLEUM ENGINEER Date 02/27/2019

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 Carlsbad

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 ****

Revisions to Operator-Submitted EC Data for Sundry Notice #455403

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	RCMPL NOI	RCMPL NOI
Lease:	NMNM127445	NMNM127445
Agreement:		
Operator:	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432-683-7443	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	DANA KING PERMIT SPECIALIST II E-Mail: dking@concho.com Ph: 432-818-2267	DANA KING SUBMITTING CONTACT E-Mail: dking@concho.com Ph: 432-818-2267
Tech Contact:	DANA KING PERMIT SPECIALIST II E-Mail: dking@concho.com Ph: 432-818-2267	DANA KING SUBMITTING CONTACT E-Mail: dking@concho.com Ph: 432-818-2267
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	WILDCAT	WILDCAT
Well/Facility:	BLUE DUCK FEDERAL 1H Sec 30 T16S R30E Mer NMP 380FSL 330FWL	BLUE DUCK FEDERAL 1H Sec 30 T16S R30E Lot 4 380FSL 330FWL

Blue Duck Federal #1 – Recomplete for Casing Test

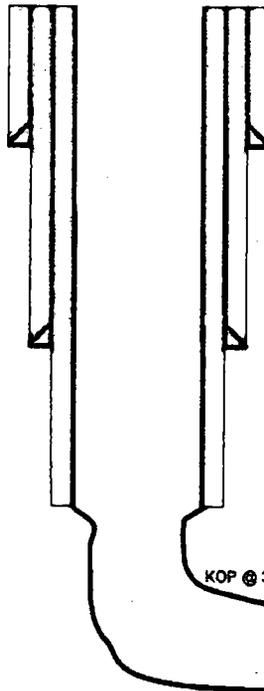
We are going to run a CCL/GR to 3,750' to 2,700' and set a CIBP at 3,750' w/ 40' of CMT on top of the plug to have our PBTD @ 3,710'. We will then test the casing to 4,300 psi and chart to verify integrity.

WBD

CONCHO	
Author	Stroup
Well Name	BLUE DUCK
Field	WILDCAT
County	EDDY
State	NM
Date	7/23/2012
GL	3711'
KB	3728'
Well No.	#1H
API #:	30-015-40448
Prop #:	
Zone	

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	395	1050	Surface
Inter Csg	9 5/8	J55	36	2,705	1155	Surface
Prod Csg	7"X5 1/2"	L80	26	3758	800	Surface
Liner	5 1/2"	L80	17	4047		

5 1/2" Liner tied into 7"



17-1/2" Hole
13-3/8" (H40 - 48#) @ 395' w/1050 sx
TOC @ surface

Tubing Stages		Run Date	Run Depth	Run Depth	Run Depth	Run Depth
Run Date	Run Depth	Run Date	Run Depth	Run Date	Run Depth	Run Date
Tubing - Production	3/6/2012	4,300.00	4,300.00			
Tubing	112	2 7/8	6.60	J-65	3,694.0	
MARKER SUB	1	2 7/8	6.60	J-65	3,698.7	
Tubing	2	2 7/8	6.60	J-65	3,732.2	
Anchor/Anchor	1	8 1/8	17.00	R-77	3,736.1	
Tubing	17	2 7/8	6.60	J-65	4,298.0	
Pump Sealing Nipple	1	2 7/8			4,297.1	
Stabed Joint	1	2 7/8	6.60	J-65	4,299.3	
MILD ANCHOR	3	2 7/8	6.60	J-65	4,302.5	
Ball Plug	1	2 7/8			4,300.0	

12-1/4" Hole
9-5/8" (J55 - 36#) @ 2702' w/1150 sx
TOC @ surface

8 3/4" Hole from 2702' - 3650' (includes curve)
7 7/8" Hole from 3650' - 8570'

Run Date	Grade	Jt	OOps	Wt (lb)
Don Man	Sprayedmetal	1	1 1/2	26.00
PONY RODS	N97	1	7/8	4.00
RODS	N97	147	7/8	3,976.00
American Sinker Bar PH5St	Grade K	22	1 1/2	650.00
Rod Insert Pump		1	2 1/2	20.00

8 3/4" hole
7" (L80 - 26#) @ 3758' w/ 900sx
TOC @ Surface
5 1/2" Dave Lynch DV tool @ 3760'
5 1/2" Peak Debris Barrier @ 4047'

KOP @ 3772 7 7/8" hole
EOC @ 4789 5 1/2" (L80 - 17#) @ 8450

TD @ 8570

Sleeve depths - TMD	TMD	Packer Depths - TMD	TMD
1 pump out plug	8,450	1	8,269
Frac sleeve	8,407	2	8,032
2 2.406" sleeve	8,147	3	7,747
3 2.531" sleeve	7,907	4	7,495
4 2.65" sleeve	7,625	5	7,235
5 2.781" sleeve	7,364	6	6,991
6 2.905" sleeve	7,112	7	6,732
7 3.031" sleeve	6,861	8	6,477
8 3.155" sleeve	6,600	9	6,213
9 3.281" sleeve	6,343	10	5,965
10 3.406" sleeve	6,085	11	5,708
11 3.531" sleeve	5,836	12	5,459
12 3.656" sleeve	5,582	13	5,169
13 3.781" sleeve	5,333	14	4,915
14 4.031" sleeve	6,040	15	4,668

General Information

Well name: Blue Duck Federal #1H

API#: 30-015-40448

Surface Location: M-30-16S-30E

Lat/Long: 32.8864861,-104.0185852

Equipment Pull / Casing Test Procedure

- MIRU WSU, NU BOP
- Unset pump and POOH with rods / pump and laydown
- ND WH, NU BOP and POOH with Tubing standing back
- PU scraper and scrape down to 3,800'
- POOH and laydown all tubing
- RU Wireline
- Make gauge ring/ junk basket run
- Run CCL/GR to 3,750' to 2,700'
- Set CIBP @ 3,750'
- Wireline truck dump 40' Class C cement of top of CIBP
- Load casing with fresh water and test casing to 4,300 psi and chart for 30mins report back to engineering if the pressure holds.
- Secure wellbore
- RDMO WSU