

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029420A
2. Name of Operator COG OPERATING LLC Contact: BRIAN MAIORINO E-Mail: bmaiorino@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-221-0467	7. If Unit or CA/Agreement, Name and/or No. 892000276B
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T17S R31E NWNW 670FNL 771FWL		8. Well Name and No. SKELLY UNIT 819
		9. API Well No. 30-015-37475-00-S1
		10. Field and Pool, or Exploratory MAR LOCO-GLORIETA YESO
		11. County or Parish, and State EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**Skelly Unit 819 Plug and Abandon (Non Standard) Procedure**

Run CBL from 3195' to surface w/500# on casing (Note: Upper plugs may be altered based upon the results of the CBL)

MIRU

TIH w/tubing @ pull RBP @ 3195'. TOH

TIH w/notched collar and wash down to 3366'

Spot 50 sx heavy cement (16.5#/gal) plug from @ 3366'-2966'

Slowly pull up to 2900'

Circulate well clean

8-5/8" Shoe Plug spot cement @ 1755-1855'

Pull up to 1200'

**RECEIVED**

JAN 22 2013

NMOCD ARTESIA

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #161945 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by WESLEY INGRAM on 12/10/2012 (13WWI0180SE)	
Name (Printed/Typed) BRIAN MAIORINO		Title AUTHORIZED REPRESENTATIVE	
Signature (Electronic Submission)		Date 12/06/2012	
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>			
Approved By		Title	Date
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	WESLEY W. INGRAM
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.			

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***Accepted for record  
NMOCD

A 1/28/2013

**Additional data for EC transaction #161945 that would not fit on the form**

**32. Additional remarks, continued**

Spot Cement from 1100' - 1200' (Base of the Salt)

Pull up to 641'

13-3/8" Shoe Plug - Spot cement from 500- 641' (to cover shoe plug and top of Salt at 560?)

Pull up to 70? and Spot 25 sxs @ 70'

Remove wellhead and deadman anchors

Install abandoned well marker (tombstone)

Clean up and remove caliche wellpad and return to native state.

## Skelly 819 Plug and Abandon (Non Standard) Procedure

Lease – Fren

API# 30-015-37475

Spud Date: 2/23/2010

- 1) Run CBL from 3195' to surface w/500# on casing. (Note: upper plugs may be altered based upon the results of the CBL)
- 2) MIRU
- 3) TIH w/tubing @ pull RBP @ 3195'. TOH
- 4) TIH w/notched collar and wash down to 3366'
- 5) Spot 50 sx heavy cement (16.5#/gal) plug from @ 3366'-2966'
- 6) Slowly pull up to 2900'
- 7) Circulate well clean
- 8) 8-5/8" Shoe Plug spot cement @ 1755-1855'
- 9) Pull up to 1200'
- 10) Spot Cement from 1100' - 1200' (Base of the Salt)
- 11) Pull up to 641'
- 12) 13-3/8" Shoe Plug - Spot cement from 500- 641' (to cover shoe plug and top of Salt at 560')
- 13) Pull up to 70' and Spot 25 sxs @ 70'
- 14) Remove wellhead and deadman anchors
- 15) Install abandoned well marker (tombstone)
- 16) Clean up and remove caliche wellpad and return to native state.

Field

Fren

Skelly Unit 819

Reservoir Blinberry/Paddock

Location	
Footage	
Section	
Block	
Survey	
County	Eddy County, NM
Elevations:	
GL	
K8	12
K8 Calc	12

History	
4/7/10	PWOP
8/18/10	Pump change (tbq pump)
10/16/10	HIT - split jt
12/15/10	Pump Change?
5/22/11	HIT & Install ESP
7/25/11	Change A L from ESP to Rod Pump
11/22/11	Rod Part (ppds)
12/28/11	Rod Part (ppds)/Collapsed Casing

## Timeline

- 12/31/2011 - Stuck Tubing on 12/31/11 - SD for holiday
- 1/3/12-12/27/12 Chemical cut Tubing, jarred then Milled
- 1/28/2012 - Camera Run got down to 3318'
- 1/29/12-2/5/12 - Milled Final depth 3334'
- 2/6/2012 - Camera Run #2 - shows milling outside of casing
- 2/7/12-2/13/12 - Milling to get back in casing final -3338'
- 2/14/2012 Run camera to determine if back in casing
- 5/18/2012 Resume Fishing Operations

CASING Collapse Area  
Spot Cement from @ 3380-3230'

Top of Glorieta - Spot Cement from 4909-5000' + 50' of additional cmt

Paddock Perforations  
Spot Cement from 5080'-5280' + 50' of addition cmt

Blinberry Perforations  
Spot Cement from 5600'-6440' + 60' of additional cmt

Updated P Porter 2/15/12

Spot 25 sxs @ 70'

Well ID Info	
API No	30-015-37475
Spud Date	2/23/2010

Csg.	13-3/8" 48# H-40 STC
Set @	591
Cement w/	600 sxs CI C + 2%
Circ	51 sxs

13-3/8" Shoe Plug - spot cmt from 500- 641' (to cover shoe plug and top of Salt)

Estimated Salt Base and Tops (as per Master Drilling Plan Rev 1 7-22-09)  
Top of Salt @ 560'  
Base of the Salt @ 1150'

Spot Cement from 1100' - 1200' (Base of the Salt)

Csg:	8-5/8" J-55 32#
Set @	1805
Cement w/	350 sxs CI C50 50 + 200sxs CL C
Circ	55 sxs
TOC	Surface
8-5/8" Shoe Plug	spot cement @ 1755-1855'

Stuck tubing @ 3275' chemical cut at 3245'.

Collapsed Casing @ 3287' - 3334'

Tubing Left to Recover 3241

Estimated Top(as per Master Drilling Plan Rev 1 7-22-09)  
Top of Glorieta @ 4950'

Paddock 5130-5230', 180 ph, 1 SPF, 41 hole

Upper Blinberry 5650-5850', 180 ph, 1 SPF, 41 hole

Middle Blinberry 5920-6120', 180 degr ph, 1 SPF, size 41

Lower Blinberry 6190-6390', 180 ph 1 SPF, size 41

Prod Csg	5-1/2" 17# J-55
Set @	6913
Cmt # of ex	850 sxs CI C 35 65 lead + 400 sxs CI C 50 50 tail
Circ	347 sxs

PBTD 6867  
TD 6913

**Skelly Unit 819  
30-015-37475  
COG Operating LLC  
January 14, 2013  
Conditions of Approval**

**NOTE: As listed in the procedure the CBL may dictate changes to the plugs above the fish.**

**See attached standard COA in addition to the specific ones noted below.**

- 1. Step 3 – Plug across fish shall be tagged at 2966' or shallower.**
- 2. Step 8 – Plug at shoe shall be a minimum of 25 sacks of neat Class C cement and 120' in length. Plug shall be tagged at 1755' or shallower.**
- 3. Step 10 – Plug for Base of Salt shall be a minimum of 25 sacks of neat Class C cement and 110' in length. Plug shall be tagged at 1100' or shallower.**
- 4. Step 12 – Plug for surface shoe and Top of Salt shall be a minimum of 25 sacks of neat Class C cement. Plug shall be tagged at 500' or shallower.**
- 5. Step 13 – Operator shall perforate casing and attempt to establish a rate. If rate can be established to surface, circulate cement to surface and fill the 5 ½" casing to surface with a minimum of 25 sacks of neat Class C cement.**
- 6. Step 15 – low profile marker required – see attached COA.**

**WWI 011413**