

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		6 If Indian, Allottee or Tribe Name
3a Address 550 WEST TEXAS AVE, STE 100 MIDLAND, TX 79701		7 If Unit or CA/Agreement, Name and/or No.
3b Phone No (include area code) Ph: 432-685-4332		8 Well Name and No SKELLY UNIT 819
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 15 T17S R31E 670FNL 771FWL		9 API Well No 30-015-37475
10 Field and Pool, or Exploratory FREN		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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<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 recomplate 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 819 Plug and Abandon Procedure

- Moving in with Rig
- Pick up wash pipe and shoe
- Drill out cement from 3245 ? 3348?
- Pull out and lay down shoe and wash pipe. Pick up over shot and jars and run into hole
- Latch on to fish and pull out of the hole with 3241? of tubing and desander
- Lay down fish and rig up cement trucks for plugging operations as follows:
 - 1) Run in hole to 6440?
 - 2) Cement across the Blinberry, Spot Cement from 5600'-6440' + 60' of additional cement
 - 3) Pull up to 5280?
 - 4) Cement across the Paddock Spot Cement from 5080'-5280' + 50' of addition cement

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**RECLAMATION PROCEDURE
ATTACHED**

woc Tag
woc Tag

Ground level Dry Hole Marker Required

14. Thereby certify that the foregoing is true and correct.

Electronic Submission #138440 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFSS for processing by KURT SIMMONS on 05/24/2012 ()

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 05/18/2012

RECEIVED
MAY 31 2012
NMOCD ARTESIA

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>James R. Arns</i>	Title <i>SEAS</i>	Date <i>5-27-12</i>
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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 *CPD*

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

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

6/1/2012

**Accepted for record
NMOCD**

Additional data for EC transaction #138440 that would not fit on the form

32. Additional remarks, continued

- 5) Pull up to 5000?
- 6) Top of Glorietta - Spot Cement from ~~4000-5000'~~ + 50' of additional cmt *150' plug - 5100 - 4950*
- 7) Pull up to 3380?, CASING Collapse Area, Spot Cement from @ 3380-3230' *woc Tag*
- 8) Pull up to 1855?
- 9) 8-5/8" Shoe Plug spot cement @ 1755-1855' *woc Tag*
- 10) Pull up to 1200?
- 11) Spot Cement from 1100' - 1200' (Base of the Salt) *woc Tag*
- 12) Pull up to 641?
- 13) 13-3/8" Shoe Plug - Spot cement from ~~500-641'~~ (to cover shoe plug and top of Salt at 560?) *645-420 woc Tag*
- 14) Pull up to 70? and Spot 25 sxs @ 70'
- 15) Remove wellhead and deadman anchors
- 16) Install abandoned well marker (tombstone)
- 17) Clean up and remove caliche wellpad and return to native state.

Field

Fren

Skelly Unit 819

Reservoir: Blineberry/Paddock

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

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

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)

Timeline

- 12/31/2011 - Stuck Tubing on 12/31/11 - SD for holiday
- 1/3/12-1/27/12 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

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 Glorietta @ 4950'

Top of Glorietta - Spot Cement from 4900-5000' + 50' of additional cmt

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

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

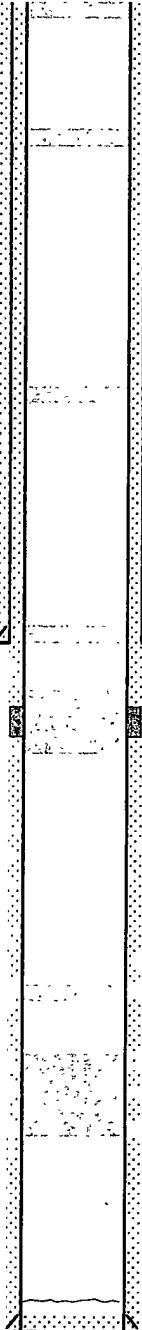
Upper Blineberry 5650-5850', 180 ph, 1 SPF, 41 hole

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

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

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

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



PBTD 6867
 TD 6913

Updated P Porter 2/15/12

HOLE SIZE 17 1/2"

600 SX C=C

CASING SIZE 13 3/8" 48"
TD 595

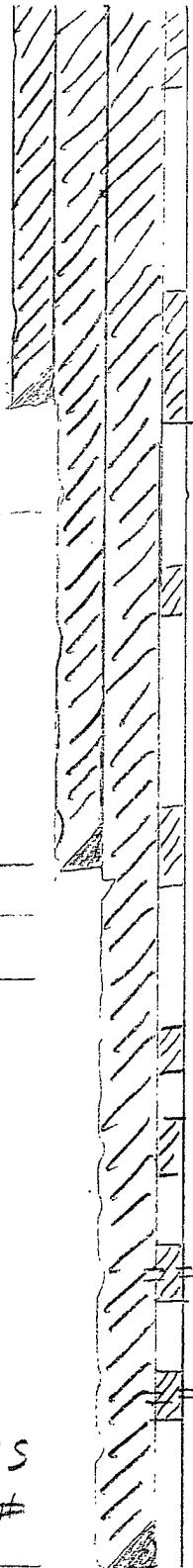
HOLE SIZE 11"

550 SX C=C

CASING SIZE 8 5/8" 32"
TD 1804
HOLE SIZE 7 7/8"

1250 SX C=C

CASING SIZE 5 1/2" 17"
TD 6913



70 - Surf

3RD TEST POINT DE 470
FAC 1295
RIMP

CHIT
SPEE. WATER

shoe & T/salt TDC SURF Circ
645-420 INT Circ
woc Tag FROE Circ

B/salt FORMATIONS Yates 1822
1200-1100
woc Tag Dis 2765

shoe & T/Yates SA 3517
1855-1755 woc Tag GL 5040

Csg Collapse, Spot Plug YESD 5125
3380-3230 woc Tag Tubb 6539

Glorietta 150' plug
Spot plug 5100-4950

Paddock 5130-5230
Spot plug 5280-5080 } YESD
woc Tag

Blinchry 6190-6390
Spot plug 6440-5600 woc Tag

DVT
PERFORATIONS 5130-5230
5650-5850
5920-6120
6190-6390