Form 3160-5 (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	OCD	Artesia
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FORM APPROVED OMB NO. 1004-0135

]	Expires:	July	31,	2
ease Seria				

SUNDRY NOTICES A	ND REPORTS ON WELLS
Do not use this form for pa	roposals to drill or to re-enter an
abandoned well. Use form	3160-3 (APD) for such proposals.

NMLC028793C	
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If Indian Allottee or Tribe Name	

abandoned wel	6. If Indian, Allottee or	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRI	7. If Unit or CA/Agreet NMNM88525X	7. If Unit or CA/Agreement, Name and/or No NMNM88525X			
1. Type of Well			8. Well Name and No.		
Oil Well Gas Well Oth				NIT 18 FEDERAL 2H	
2. Name of Operator COG OPERATING LLC	Contact: KELLY E-Mail: kholly@conchores		9 API Well No 30-015-39573-00	D-X1	
3a. Address 550 WEST TEXAS AVENUE S MIDLAND, TX 79701	SUITE 100 Ph: 4	one No. (include area code) 132-685-4384	10. Field and Pool, or E GRAYBURG JA	10. Field and Pool, or Exploratory GRAYBURG JACKSON	
4 Location of Well (Footage, Sec, T	., R., M., or Survey Description)		11. County or Parish, a	nd State	
Sec 18 T17S R30E Lot 1 1152	2FNL 497FWL .		EDDY COUNTY	, NM ·	
12. CHECK APPI	ROPRIATE BOX(ES) TO INDI	CATE NATURE OF 1	NOTICE, REPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION		TYPE OI	ACTION		
Notice of Intent	☐ Acidize	Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
<del></del>	. –	Fracture Treat	Reclamation	☐ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	New Construction	Recomplete	Other Change to Original A	
Final Abandonment Notice	Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A PD	
	Convert to Injection	Plug Back	■ Water Disposal		
9015' MD. 5 1/2" 17# L-80 cas portion of the hole. A stage pa at approximately 4373' MD. T cemented from 4373' MD to .2% SMS, .3% FL-52A, .125 p LCM, .6% SMS, 1% FL-25, 1%	om 8 3/4" hole to 7 7/8" hole at 5 sing from surface to 9015' MD will be installed in the 9 sect and the DN urface with: LEAD SLURRY: 500 pps CF, 2.01 yd. TAIL SLURRY: 6 BA-58, .125 pps CF, .3% FL-5 ement program will remain the second surface.	th isolation packers in 5 1/2" string at kick off / tool opened. The 5 1 0 sx35:65:65:6C:Poz:Gel 400 sx50:50:2:C:Poz:C2A; 1.37 yield.	point /2" pipe will be w/5% salt 5 pps LCM	CEIVED  AR 2 8 2012  CD ARTESIA  OVAL	
14. I hereby certify that the foregoing is	true and correct.				
Commi Name (Printed/Typed) KELLY J !	itted to AFMSS for processing by	ING LLC, sent to the Ca DEBORAH MCKINNEY	arlsbad .		
Signature (Electronic S	Submission)	Date 03/13/2	012		
	THIS SPACE FOR FEI				
Approved By TED MODCAN		TideDETROLE	LIM ENGINEED	Date 03/22/2012	
Approved By TED MORGAN  Conditions of approval, if any, are attached Approval of this notice does not warrant or		_ <del></del>	UM ENGINEER	. Date U3/22/2012	
certify that the applicant holds legal or equivalent would entitle the applicant to condi-	uitable title to those rights in the subject uct operations thereon.	Office Carlsba			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime for statements or representations as to any n	or any person knowingly and matter within its jurisdiction	I willfully to make to any department or	agency of the United	

## Burch Keely Unit Federal 18 2H COG Operating LLC 30-015-39573 March 22, 2012 Conditions of Approval

#### **Summary of Current Status:**

- APD Approved with Drainhole TD (DHTD) at 9015' MD.
- 13-3/8" x 9-5/8" x 5-1/2" casing program with 17-1/2" x 12-1/4" x 8-3/4" hole sizes

#### Sundry dated 3/13/2012:

ORIGINAL PLAN

REVISED PLAN

5-1/2" casing in 8-3/4" hole

8-3/4" hole to 5123'. 7-7/8" lateral hole to TD.

Cement 5-1/2" casing from TD to Surface

Run 5-1/2" casing with stage packer at 4373'

(top Glorieta at approximately 4300')

Cement 5-1/2" casing in the drainhole

Utilize 5-1/2" x 7-7/8" isolation packers on the

5-1/2" casing in uncemented drainhole

### Conditions of Approval:

The previous engineering COA dated 10/26/2011 shall remain applicable, with the following inclusions.

- 1. Setting depth for the 5-1/2" x 8-3/4" packer tool shall be at or below the top of the Glorieta Formation, estimated at 4300' MD. (This packer tool setting depth is currently stated at 4373' MD, corresponding to the Kick off point for drilling the lateral. The packer tool setting depth must ensure good cement exists above the top of the Glorieta.)
- 2. TOC for 5-1/2" casing will be to surface as described in Original APD. Operator is responsible to confirm TOC. If cement does not circulate to surface, the Operator is to call the BLM. Operator is responsible to have a remedial cementing plan if one is needed.
- 3. The record of the drilling rate along with the GR/N well log run in the vertical portion of hole shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies.

TMM 03/22/2012