

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
OCD ArtesiaFORM 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.

5. Lease Serial No.
NMNM109748

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.

ROAD RUNNER FEDERAL COM 1H

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES
E-Mail: mreyes1@concho.com

9. API Well No.

30-015-43133-00-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

WILDCAT

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

Sec 25 T25S R26E SESE 190FSL 380FEL
32.093925 N Lat, 104.238700 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 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 approval for the following changes to the original approved APD.

Attachments:

Drilling changes

Davis Fluid Calipers Field Report Road Runner Federal Com 1H ? Ensign 155 3.18.17

- All previous COAs still apply. Additional COA is not required.

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 04 2017

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

Electronic Submission #370249 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 03/20/2017 (17DLM1001SE)

Name (Printed/Typed) MAYTE X REYES

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/20/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By MUSTAFA HAQUE

Title PETROLEUM ENGINEER

Date 03/27/2017

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 **

Request a revision to our previously approved Sundry to modify the Production Casing Cementing Program. The purpose of this revision is to improve the quality of the cement across the Delaware section and revise the volumes of the cements in the 8-3/4" vertical sections based on fluid caliper volumes taken at the Toe and KOP of the Road Runner Federal Com 1H.

Fluid Caliper at 6850' (KOP) = 2053 cu ft.

Fluid Caliper at TD (17,475') = 5286 cu ft.

Differential Fluid Calipers calculate from KOP to TD (Curve and Lateral) = 3233 cu ft.

As result, we are requesting revision to the production cementing program as shown below:

- Cementing Program
 - Surface Casing – No Change – As Built – Cement Circulated to Surface
 - Intermediate Casing – No Change – As Built (2530') – Cement Circulated to Surface
 - Production Casing
 - Lead: Was 1100 sx NeoCem C Blend (11.0 ppg - / 17.37 gal/sx/2.8 cf/sx)
 - **Proposed 1st Lead: 450 sx NeoCem C Blend (11.0 ppg - / 17.37 gal/sx/2.8 cf/sx)**
 - **Proposed 2nd Lead: 550 sx Tune Lite Blend (11.5 ppg - / 11.11 gal/sx/2.1 cf/sx)**
 - **Total Volumes of Lead Cements intended for coverage from KOP (6850' to Surface): Was: 3080 cu ft Now: 2415 cu ft based on Fluid Caliper of 2053 cu ft as above.**
 - **Tail: 2300 sx of NeoCem Blend (FR, Retarder, FL adds as necessary) (13.2 ppg – 6.84 gal/sk 1.4 cf/sk) No Change (Slurry Volume 3220 cu ft Fluid Caliper 3233 cu ft).**

Davis Fluid Calipers, Inc.

WORK ORDER

P.O. BOX 1033

OFFICE (575)393-7463 CELL (575)390-8080
HOBBS, NEW MEXICO 88241

DATE 3/18/17

RIG Ensign #155

LEASE Roadrunner Com #1H

CUST. ORDER NO. Nathan

COUNTY Eddy

STATE NM

COG

AFE#

QUANTITY	DESCRIPTION	AMOUNT
	TO RUN THE DAVIS FLUID CALIPER TO DETERMINE IN CUBIC FEET THE TOTAL	
	ANNULAR VOLUME BEHIND 5 1/2" CASING	
	IN A 8 3/4" HOLE TO THE DEPTH OF 17,475' FEET	
	THE KOP IS AT 6,850' FEET	
	OVERALL JOB 20% 5,286 cu. ft.	
	TOTAL ANNULAR VOLUME OF THE 1st STAGE 3,233 cu ft CUBIC FEET	
	TOTAL ANNULAR VOLUME OF THE 2nd STAGE 2,053 cu. ft. CUBIC FEET	
	PUMP DATA: MAKE & MODEL PZ-11	
	LINER SIZE 6 X 11 S.P.M. 156 C.F.M. 78	
	PUMP EFFICIENCY 93% P.S.I. ON STAND PIPE 3910#	
	WASH-OUT 1st Stage 20% 2nd Stage 19%	
2	BASE CHARGE @ \$995.00	\$1,990.00
17,475'	DEPTH CHARGE 1st STAGE @ \$0.12	\$2,097.00
6,850'	DEPTH CHARGE 2nd STAGE @ \$0.12	\$822.00
7.5	STANDBY CHARGE @ \$200	\$1,500.00
210	MILEAGE CHARGE @ \$1.95	\$409.50
	<i>1st 9.258" 2nd 9.230"</i>	
	SUBTOTAL	\$6,818.50
	TAX	\$464.51
	TOTAL	\$7,283.01

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