

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*

OCD Hobbs

HOBBS OCD

MAY 08 2018

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator COG OPERATING LLC Contact: ROBYN RUSSELL E-Mail: russell@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 W. ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4385	8. Well Name and No. SHOVEL HEAD FEDERAL COM 28H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T17S R32E SESE 450FSL 230FEL		9. API Well No. 30-025-44519
		10. Field and Pool or Exploratory Area MALJAMAR; YESO, WEST
		11. County or Parish, State LEA 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 recompleat 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 change the surface hole location of this well:

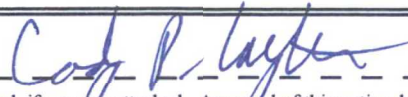
FROM: 450' FSL 230' FEL, Sec 5, 17S, 32E, Unit P  
TO: 360' FSL 201' FEL, Sec 5, 17S, 32E, Unit P

This move is needed due to a rig change. Attached is the revised plat.

Eng OK 4/20/18 GRW

14. I hereby certify that the foregoing is true and correct. Electronic Submission #409679 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs	
Name (Printed/Typed) ROBYN RUSSELL	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/29/2018

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title AFM - L&M	Date 04/20/2018
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 CFO

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)

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

KE

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-44519		<sup>2</sup> Pool Code 44500	<sup>3</sup> Pool Name Maljamar; Yeso, West
<sup>4</sup> Property Code 320822	<sup>5</sup> Property Name SHOVEL HEAD FEDERAL COM		<sup>6</sup> Well Number 28H
<sup>7</sup> GRID NO. 229137	<sup>8</sup> Operator Name COG OPERATING, LLC		<sup>9</sup> Elevation 4090'

<sup>10</sup> Surface Location

U/L or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
P	5	17S	32E		360	SOUTH	201	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	17S	32E		430	SOUTH	2630	WEST	LEA

<sup>12</sup> Dedicated Acres 200	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

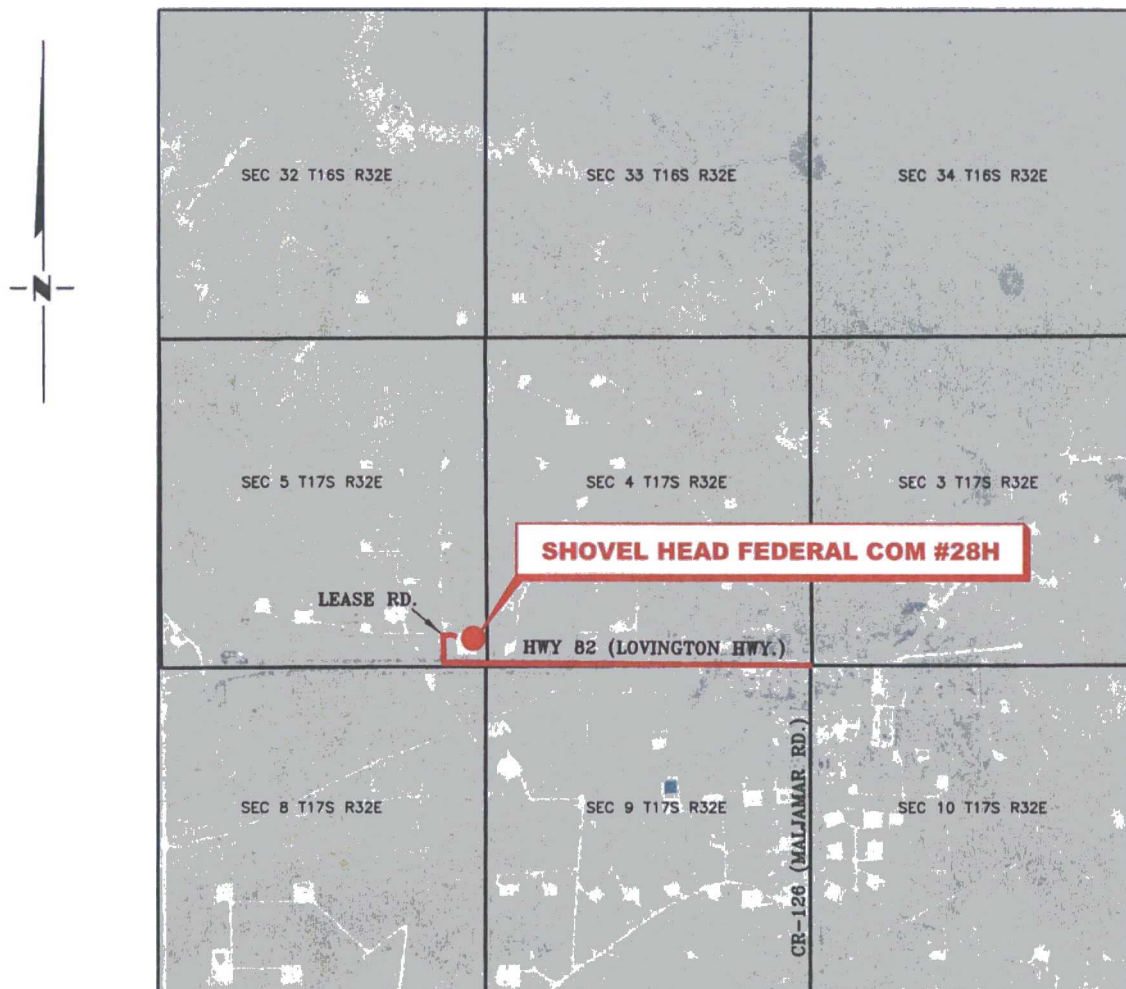
<p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST <b>SURFACE LOCATION</b> N 676101.2 - E 711039.5 LAT: 32.8574047° N LONG: 103.7806853° W <b>BOTTOM HOLE</b> N 676195.1 - E 719142.1 LAT: 32.8575435° N LONG: 103.7542980° W</p> <p><b>GEODETIC DATA</b> NAD 27 GRID - NM EAST <b>SURFACE LOCATION</b> N 676036.8 - E 669861.3 LAT: 32.8572859° N LONG: 103.7801795° W <b>BOTTOM HOLE</b> N 676130.6 - E 677964.0 LAT: 32.8542430° N LONG: 103.7537925° W</p>	<p><b>CORNER DATA</b> NAD 83 GRID - NM EAST A FOUND 1 1/2" IRON PIPE N 675723.3 - E 705965.0 B FOUND BRASS CAP "1913" N 678363.7 - E 705942.4 C FOUND BRASS CAP "1913" N 681002.8 - E 705922.6 D FOUND BRASS CAP "1913" N 681021.0 - E 711201.1 E FOUND BRASS CAP "1913" N 681029.9 - E 713837.2 F FOUND BRASS CAP "1913" N 681039.6 - E 716477.9 G FOUND BRASS CAP "1913" N 681058.7 - E 721757.3 H FOUND BRASS CAP "1913" N 678409.3 - E 721771.1 I FOUND BRASS CAP "1913" N 675771.1 - E 721786.3 J FOUND BRASS CAP "1913" N 675765.3 - E 719150.6</p>	<p>K: CALCULATED CORNER N 675762.5 - E 716516.5 L FOUND PK NAIL N 675742.1 - E 711243.8 M FOUND BRASS CAP "1913" N 678382.0 - E 711216.6 N FOUND BRASS CAP "1913" N 678400.1 - E 716493.9</p> <p><b>CALCULATED POINTS</b> 1 N 675737.4 - E 709924.1 2 N 677057.4 - E 709912.0 3 N 677062.0 - E 711230.2 4 N 677081.3 - E 716505.2 5 N 677085.0 - E 719142.4</p>	<p><b>17" OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling under terms entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 03/27/18 Printed Name: Robyn M. Russell E-mail Address: Russell@concho.com</p>
<p><b>DETAIL "A"</b></p>			<p><b>18" SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 8-31-2017 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: 19680 REV: 3/22/18 SHL</p>

Job No.: LS1708562R



# VICINITY MAP

NOT TO SCALE



*SECTION 5, TWP. 17 SOUTH, RGE. 32 EAST,  
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: COG Operating, LLC  
LEASE: Shovel Head Federal Com  
WELL NO.: 28H

LOCATION: 360' FSL & 201' FEL  
ELEVATION: 4090'

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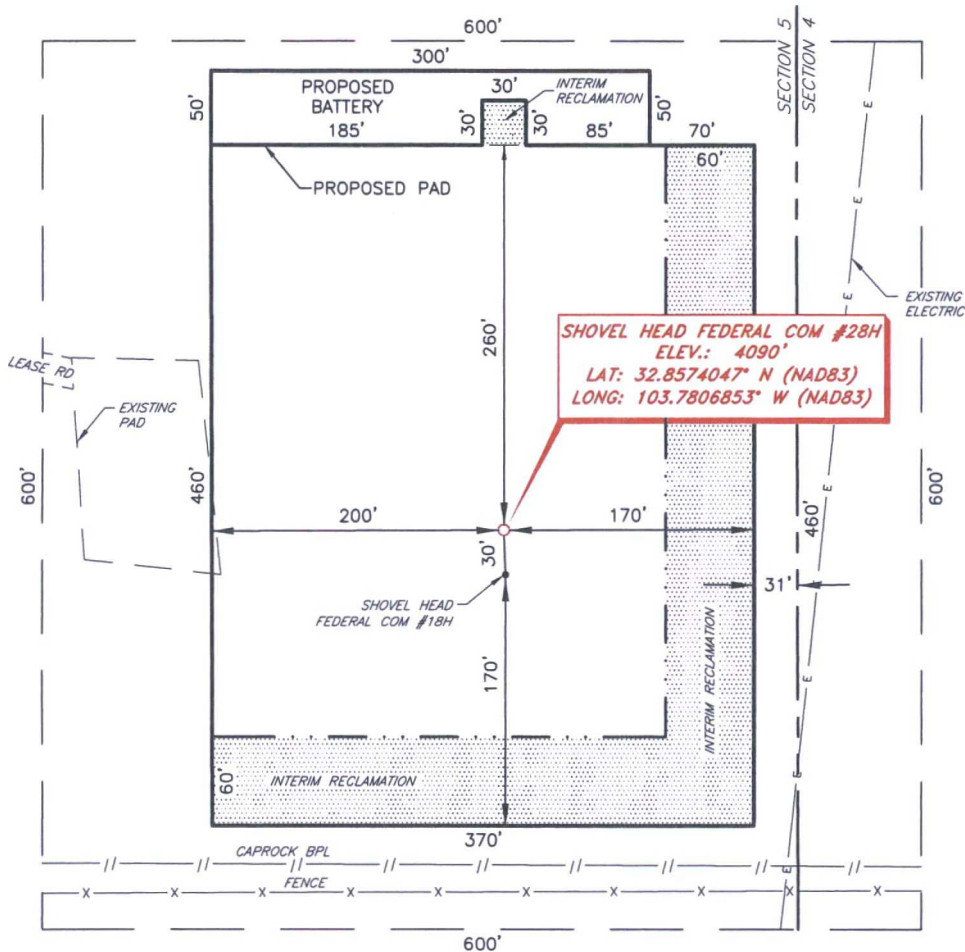
## RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'  
DATE: 8-31-2017  
SURVEYED BY: BC/BK  
DRAWN BY: LPS  
APPROVED BY: RMH  
SHEET: 1 OF 1

1	SHL	3/18
NO.	REVISION	DATE
JOB NO.: LS1708562R		
DWG. NO.: 1708562LVM		

COG OPERATING, LLC  
INTERIM RECLAMATION  
SHOVEL HEAD FEDERAL COM #28H  
(360' FSL & 201' FEL)  
SECTION 5, T17S, R32E  
N. M. P. M., LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

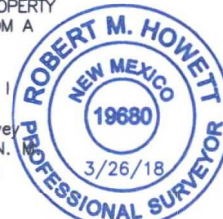
From the intersection of CR-126 (Majamar Rd.) and HWY-82,  
Go West on HWY-82 approx. 1.1 miles to a lease road on the right;  
Turn right and go North on lease road approx. 480 feet to a lease road  
on the right;  
Turn right and go East on lease road approx. 508 feet to location.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY  
LINES ARE SHOWN FOR INFORMATION ONLY, BOUNDARY DATA IS SHOWN FROM A  
PREVIOUS SURVEY REFERENCED HEREON.

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I  
prepared this unclassified survey of a well location from an actual  
survey made on the ground under my direct supervision, said survey  
and plat meet the Min. Stds. for Land Surveying in the State of N.  
and are true and correct to the best of my knowledge and belief.

*Robert M. Howett*

Robert M. Howett NM PS 19680



SCALE: 1" = 100'  
0 50' 100'

BEARINGS ARE GRID NAD 83  
NM EAST  
DISTANCES ARE HORIZ. GROUND.

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NO.	REVISION	DATE
JOB NO.:	1708562R	
DWG. NO.:	1708562REC83	

**RRC**

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE:	1" = 100'
DATE:	3-22-2018
SURVEYED BY:	AS/BC
DRAWN BY:	LPS
APPROVED BY:	RMH
SHEET :	1 OF 1



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

Pecos District  
Carlsbad Field Office  
620 E Greene Street  
Carlsbad, NM 88220

**Energy Policy Act of 2005 Section 390 CX Review and Documentation Form  
Categorical Exclusion Review and Approval  
For Activities Associated with Oil and Gas Development  
Under Section 390 of the Energy Policy Act of 2005**

**NEPA No. DOI-BLM-NM-P020-2018-0406-CX**

**Project Name:** Shovelhead 28H  
**NEPA No.** DOI-BLM-NM-P020-2018-0217-EA  
**Case Number:** NMLC0054687  
**Lease Serial Number:** NMLC 029406B  
**Preparer:** William DeGrush

**A. Background**

**Proposed Action:**

COG Operating, LLC (COG) successfully applied for a permit to drill two horizontal oil wells from a new well pad on Fee surface approximately 1.50 miles west of Maljamar, NM in January of 2018, and is now wishing to change the surface hole location of the 28H well to a new location within the same approved surface disturbance area:

**Original Approved Location:**

**Shovel Head Federal Com 28H**

**Surface Hole Location:** 450' FSL & 230' FEL, Section 5, T. 17 S., R. 32 E.

**Bottom Hole Location:** 430' FSL & 2630' FWL, Section 3, T. 17 S., R. 32 E.

**Proposed Surface Location:**

**Shovel Head Federal Com 28H**

**Surface Hole Location:** 360' FSL, 201' FEL, Section 5, T. 17 S., R. 32 E.

**Bottom Hole Location:** 430' FSL & 2630' FWL, Section 3, T. 17 S., R. 32 E.

**Description of Proposed Action:**

The BLM Carlsbad Field Office is proposing to move the surface location of the 28H well to drill on an existing and approved pad. COG would take about 45 days to drill a proposed well. After the proposed wells are drilled and completed, the proposed well location would be downsized to a 350 x 400 foot surfaced pad. COG plans to install production facilities such as storage tanks and separation equipment on the west side of the well location. All areas not needed for production would be reclaimed by removing the caliche, recontouring the area, spreading the stockpiled topsoil over the area, and seeding the area.

**B. Land Use Plan Conformance**

**Name of Plan:** 1988 Carlsbad Resource Management Plan

**Date Approved:** September 1988

**Decision:**[Page 10] "In general, public lands are available for utility and transportation facility development..." [Page 13] "BLM will encourage and facilitate the development by private industry

**D. Decision and Rationale**

The proposed drilling will be carried out on an existing and approved pad and will comply with all existing routes, terms, and conditions approved under the APD. Therefore, I have reviewed the proposal to change the surface location of the 28H well on the Shovelhead Federal Com pad and I approve of this action.

**E. Signature**

Authorizing Official: \_\_\_\_\_

Date: \_\_\_\_\_

Name: Cody Layton

Title: Field Manager

**Contact Person**

For additional information concerning this CX review, contact: William DeGrush, Natural Resource Specialist, (575) 234-2227, 620 E Greene St., Carlsbad, New Mexico 88220

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

Pecos District  
Carlsbad Field Office  
620 E Greene Street  
Carlsbad, NM 88220

**DECISION RECORD**

for the <sup>WDP</sup>  
**Shovelhead 28H**

NEPA No. DOI-BLM-NM-P020-2018-0406-CX <sup>WDP</sup> 0512  
Approved Nepa No. DOI – BLM – NM – P020 – 2018 – ~~0000~~ - CX

**I. Decision**

I have decided to implement the drilling of well 28H as described in the April 11<sup>th</sup>, 2018 Shovelhead Com 28H Categorical Exclusion. Based on my review of the categorical exclusion and consideration of extraordinary circumstances, I have concluded that the proposed action was analyzed in sufficient detail to allow me to make an informed decision. I have decided to implement the drilling of the 28H well because the proposed activity will provide reasonable oil and gas development.

**II. Appeals**

This decision may be appealed to the Interior Board of Land Appeals (IBLA), Office of the Secretary, in accordance with the regulations contained in 43 CFR Part 4. Any appeal must be filed within 30 days of this decision. Any notice of appeal must be filed with me, the field manager, at the Carlsbad Field Office, 620 E Greene Street, Carlsbad, NM 88220. The appellant shall serve a copy of the notice of appeal and any statement of reasons, written arguments, or briefs on each adverse party named in the decision, not later than 15 days after filing such document (see 43 CFR 4.413(a)). Failure to serve within the time required will subject the appeal to summary dismissal (see 43 CFR 4.413(b)). If a statement of reasons for the appeal is not included with the notice, it must be filed with the IBLA, Office of Hearings and Appeals, U. S. Department of the Interior, 801 North Quincy St., Suite 300, Arlington, VA 22203 within 30 days after the notice of appeal is filed with the field manager.

Notwithstanding the provisions of 43 CFR 4.21(a)(1), filing a notice of appeal under 43 CFR Part 4 does not automatically suspend the effect of the decision. If you wish to file a petition for a stay of the effectiveness of this decision during the time that your appeal is being reviewed by the Board, the petition for a stay must accompany your notice of appeal.

A petition for a stay is required to show sufficient justification based on the following