

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-38274
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Honey Graham State Com
4. Well Location Unit Letter <u>D</u> : <u>230</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>West</u> line Section <u>29</u> Township <u>26S</u> Range <u>28E</u> NMPM <u>Eddy</u> County		8. Well Number 3H
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3002.9 GL		9. OGRID Number 229137
		10. Pool name or Wildcat Hay Hollow; Bone Spring, North

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☒ SHL, BHL and Drilling Program Changes

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully requests approval for the following SHL and BHL change to the original APD.

From: SHL: 330' FNL & 1980' FEL
BHL: 330' FSL & 2310' FEL

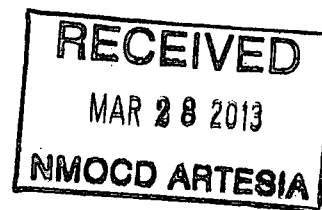
To: SHL: 230' FNL & 330' FWL
BHL: 330' FSL & 660' FWL

Drilling Program

See attached.

Spud Date:

Rig Release Date:



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mayte Reyes TITLE: Regulatory Analyst DATE: 3/26/2013

Type or print name: Mayte Reyes E-mail address: mreyes1@conchoresources.com PHONE: (575) 748-6945

For State Use Only

APPROVED BY: J. C. Shuard TITLE: Poolgrst DATE: 3/28/2013

Conditions of Approval (if any):

RECEIVEDDISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0734DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
Phone: (575) 748-1293 Fax: (575) 748-1294DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Form C-102
Revised August 1, 2011
Submit one copy to appropriate☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-015-38274	Pool Code 30215	Pool Name Hay Hollow; Bone Spring
Property Code 38386	Property Name HONEY GRAHAM STATE COM	Well Number 3H
OGRID No. 229137	Operator Name COG PRODUCTION, LLC	Elevation 3002.9

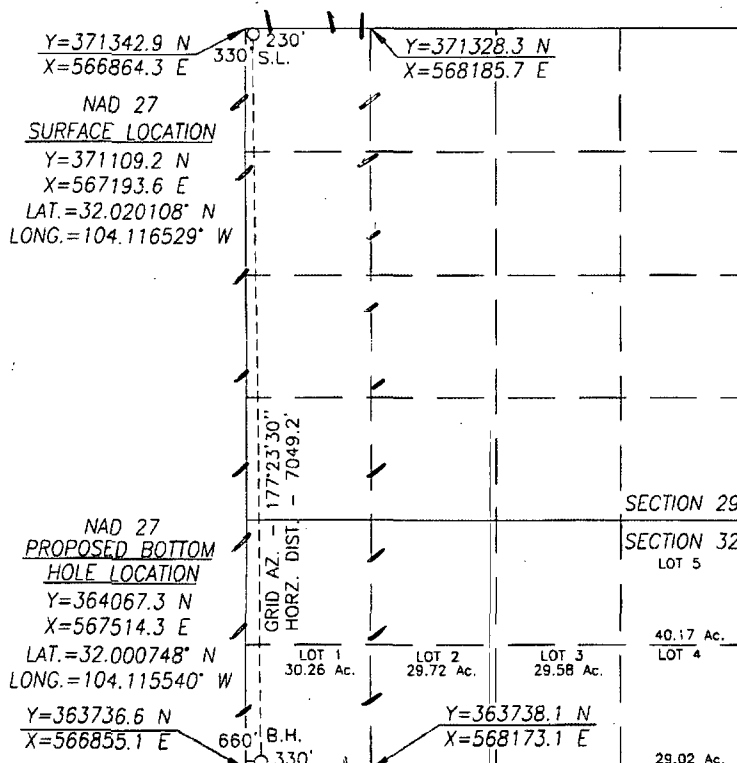
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	26-S	28-E		230	NORTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	26-S	28-E		330	SOUTH	660	WEST	EDDY

Dedicated Acres 230.26	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**OPERATOR CERTIFICATION**

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Melanie Parker 3/27/13
Signature Date
Melanie Parker
Printed Name
mparker@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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.

FEBRUARY 22, 2013

Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/28/13
Certificate No. CHAD HARCROW 17777
W.O. # 13-63 DRAWN BY: VD

Honey Graham State Com 3H

Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csg OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	48#	300'	325	0'
Intermediate	12-1/4"	9-5/8"	36#	2340'	800	0'
Production	7-7/8"	5-1/2"	17#	14649'	2280	2040'

Well Plan

Drill 17-1/2" hole to ~300' w/ fresh water spud mud. Run 13-3/8" 48# H40 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl₂ to cement to surface, if necessary.

Drill 12-1/4" hole to ~2340' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD and cement to surface in one stage.

Drill 7-7/8" vertical hole, curve, and lateral to 14649' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement in one stage with 2280 sx bringing TOC to 2040' (300' overlap).

Well Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU Hydril 3000 psi annular BOP. Test annular and other BOP equipment to 1500 with clear fluid using 3rd party testers.

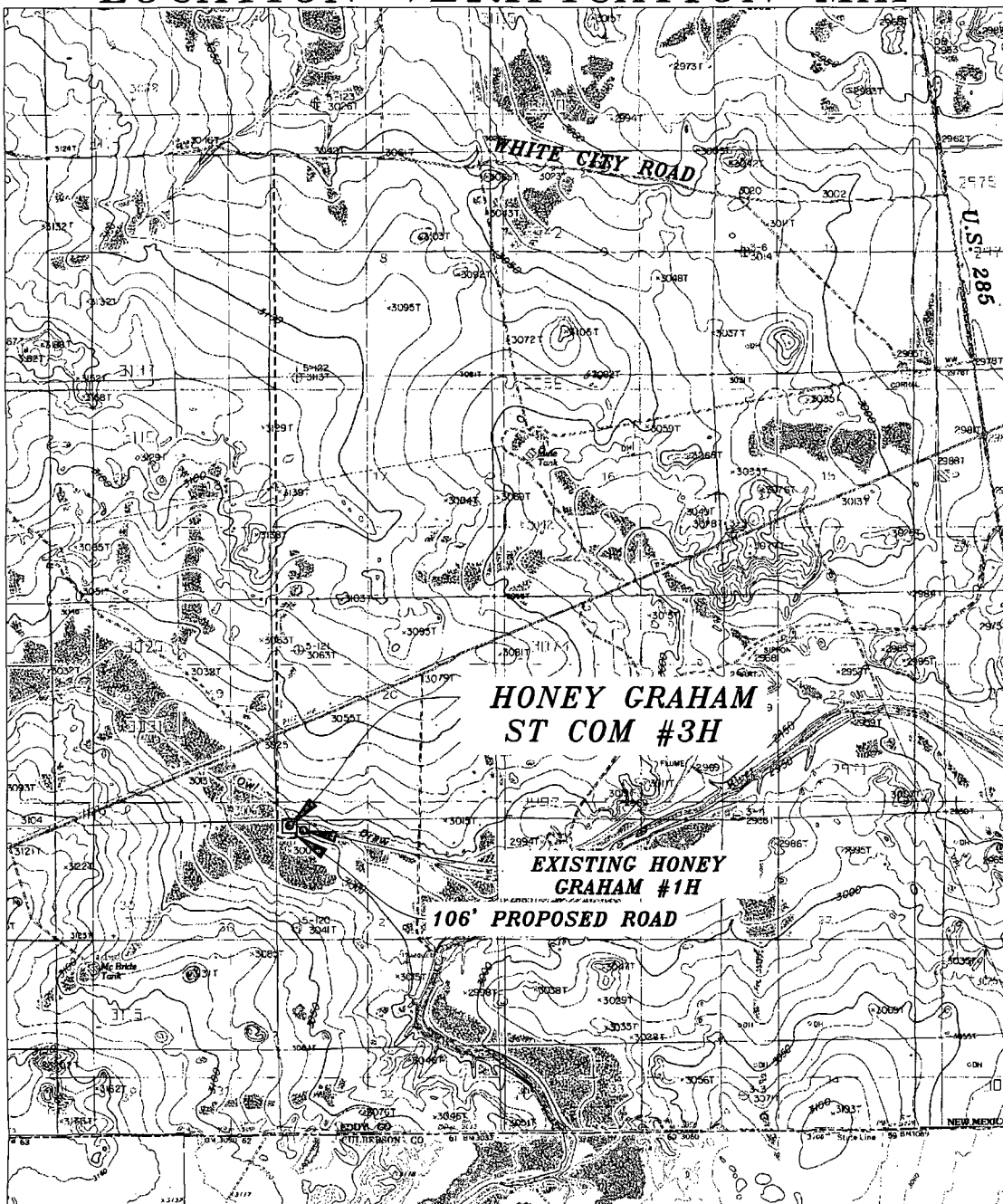
After setting 9-5/8" casing and installing 5000 psi casing spool, NU Hydril 5000 psi double ram BOP and Hydril 3000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3rd party testers.

NEW MEXICO



FILE: 13-63

LOCATION VERIFICATION MAP



SCALE: 1" = 4000'

CONTOUR INTERVAL: 10'

SEC. 29 TWP. 26-S RGE. 28-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 230' FNL & 330' FWL
 ELEVATION 3002.9'
 OPERATOR COG PRODUCTION, LLC
 LEASE HONEY GRAHAM ST COM
 U.S.G.S. TOPOGRAPHIC MAP
 RED BLUFF, N.M.

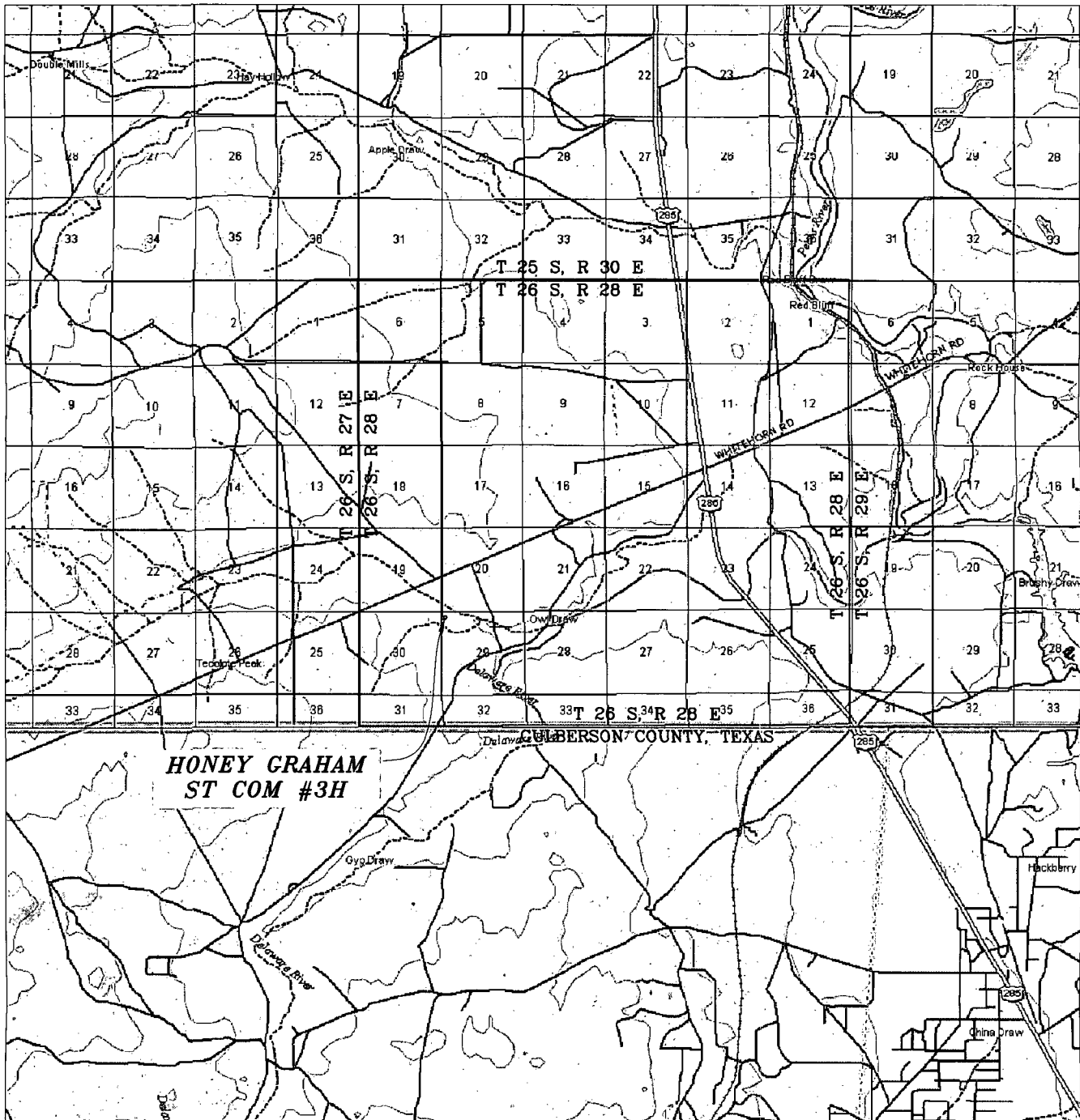
HARCROW SURVEYING, LLC
 1107 WATSON, ARTESIA N.M. 88210
 PH: (575) 513-2570 FAX: (575) 746-2158
 chad_harcrow77@yahoo.com



COG PRODUCTION, LLC

SURVEY DATE: FEB. 22, 2013	PAGE: 1 OF 1
DRAFTING DATE: FEB. 26, 2013	
APPROVED BY: CH	DRAWN BY: DDSI FILE: 13-063

VICINITY MAP



**HONEY GRAHAM
ST COM #3H**

CULBERSON COUNTY, TEXAS

SCALE: 1" = 2 MILE

SEC. 29 TWP. 26-S RGE. 28-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 230' FNL & 330' FWL
 ELEVATION 3002.9'
 OPERATOR COG PRODUCTION, LLC
 LEASE HONEY GRAHAM ST COM

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