

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM 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. NMNM123535
6. If Indian, Allottee or Tribe Name
7. If Unit or C/A-Agreement, Name and/or No.
8. Well Name and No. BROTH HELM FEDERAL COM 701H
9. API Well No. 30-025-46068
10 Field and Pool or Exploratory Area WILDCAT WOLFCAMP OIL
11 County or Parish, State LEA COUNTY NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OGD

JUN 27 2019

RECEIVED

1 Type of Well [X] Oil Well [] Gas Well [] Other
2 Name of Operator COG OPERATING LLC Contact: STAN WAGNER E-Mail: swagner@concho.com
3a. Address ATTN STAN WAGNER 600 WEST ILLINOIS AVE. MIDLAND, TX 79701
3b Phone No. (include area code) Ph: 432.253.9685
4. Location of Well (Footage Sec T R. M. or Survey Description) Sec 35 T24S R34E Mer NMP NENE 250FNL 407FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with 2 main columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. 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.

COG Operating requests an amendment to our approved APD for this well to reflect a change in SHL and BHL only. Associated plats attached.

Change SHL to: 250' FNL & 437' FEL NENE 35-T24S-R34E
Change BHL to: 50' FSL & 510' FEL SESE 2-T25S-R34E

This SHL was originally permitted as Brot Helm Fed Com 601H

NO NEW SURFACE DISTURBANCE SAME COAS APPLY NATIAS TELLE 6/14/19
Engineering Good. Previous COAs s.h.l apply. 25 6-14-19

14 I hereby certify that the foregoing is true and correct. Electronic Submission #468702 verified by the BLM Well Information System For COG OPERATING LLC. sent to the Hobbs
Name (Printed Typed) STAN WAGNER Title REGULATORY ADVISOR
Signature (Electronic Submission) Date 06/12/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By [Signature] Title AFM-LEN Date 06/14/2019
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 **

[Handwritten signature]

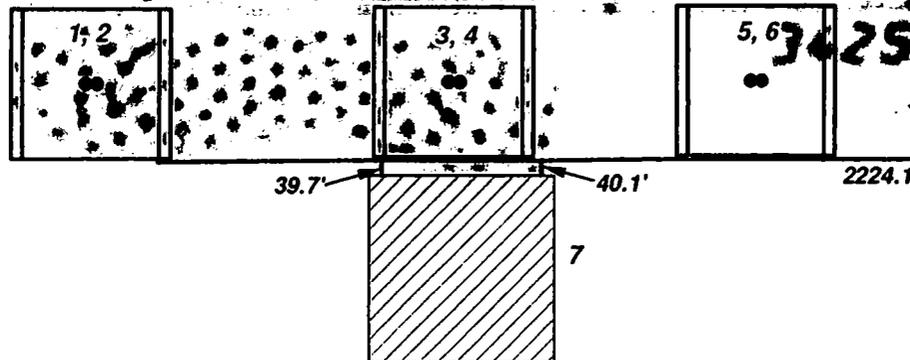
T 24 S

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	WELL	FOOTAGE	ELEV.	WO
1	BROT HELM FED COM #704H	250' FNL & 2235' FEL	3418.1'	18-1838
2	BROT HELM FED COM #603H	250' FNL & 2205' FEL	3416.9'	19-1065
3	BROT HELM FED COM #703H	250' FNL & 1255' FEL	3415.9'	19-1063
4	BROT HELM FED COM #602H	250' FNL & 1225' FEL	3415.9'	19-1064
5	BROT HELM FED COM #701H	250' FNL & 437' FEL	3420.6'	19-1061
6	BROT HELM FED COM #601H	250' FNL & 407' FEL	3420.2'	19-1062
7	BROT HELM CTB	750' FNL & 1225' FEL	3412.6'	18-1809

Gravel Pit

BATTLE AXE RD. - GR. 2

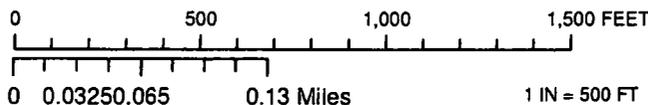


LEGEND

- WELL
- WELLPAD
- ▨ TANK BATTERY
- EXISTING ROAD
- PROPOSED ROAD
- PRIVATE
- STATE OF NM
- US BLM

BROT HELM FEDERAL COM WELLS

SECTION: 35 TOWNSHIP: 24 S. RANGE: 34 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 18-1838, 1809; 19-1061-1065 LEASE: BROT HELM



LOCATION MAP LAND STATUS 6/10/2019 A.M.

CONCHO

COG OPERATING, LLC



HARCROW SURVEYING, LLC.
 2316 W. MAIN ST, ARTESIA, NM 88210
 PH: (575) 746-2158
 c.harcrow@harcrowsurveying.com

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	WELL	FOOTAGE	ELEV.	WO
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26

25

BATTLEAXE RD. - CR. 2

1,2

3,4

5,6

39.7'

40.1'

2224.1'

7

35

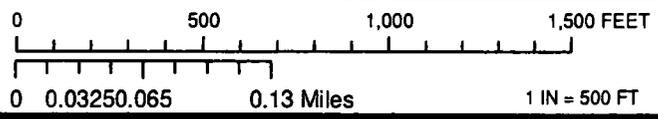
36

LEGEND

- WELL
- WELLPAD
- ▨ TANK BATTERY
- EXISTING ROAD
- PROPOSED ROAD

BROT HELM FEDERAL COM WELLS

SECTION: 35 TOWNSHIP: 24 S. RANGE: 34 E.
 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 18-1838, 1809; 19-1061-1065 LEASE: BROT HELM



LOCATION MAP IMAGERY 6/10/2019 A.M.

CONCHO
 COG OPERATING, LLC

HS HARCROW SURVEYING, LLC.
 2316 W. MAIN ST, ARTESIA, NM 88210
 PH: (575) 746-2158
 c.harcrow@harcrowsurveying.com

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30

24S 35E

W NM Highway 128

1, 2

Oct 3, 4

5, 6

BATTLE AXE RD. - CR. 2

Battle Axe Rd

Battle Axe Rd

Battle Axe Rd

Madera Rd

24S 34E

35

36

31

LEGEND

- WELL
- WELLPAD
- ▨ TANK BATTERY
- EXISTING ROAD
- PROPOSED ROAD

BROT HELM FEDERAL COM WELLS

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 STATE: NEW MEXICO COUNTY: LEA SURVEY: N.M.P.M
 W.O. # 18-1838, 1809; 19-1061-1065 LEASE: BROT HELM

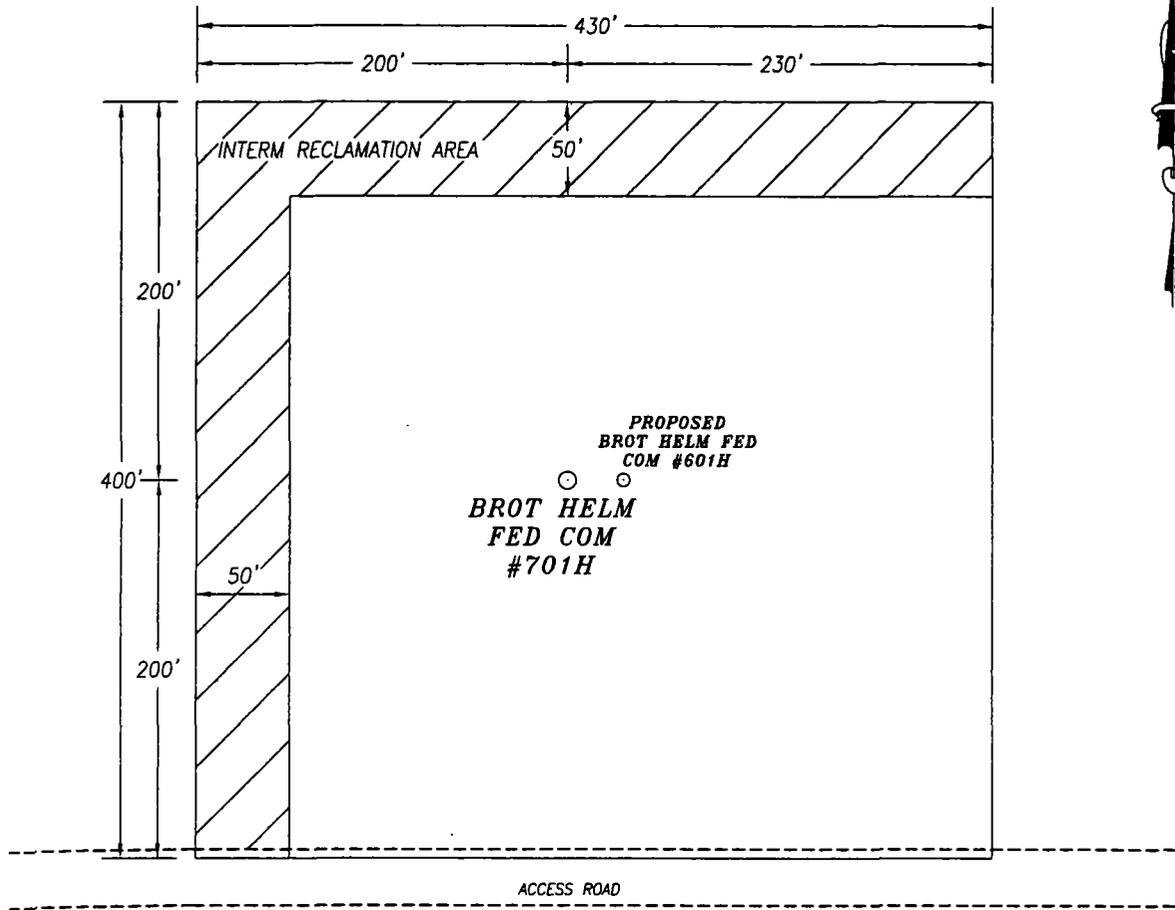


LOCATION MAP VICINITY 6/10/2019 A.M.

CONCHO
 COG OPERATING, LLC

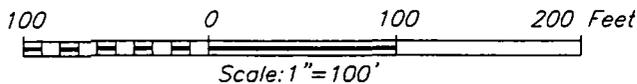
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RECLAMATION AND FACILITY DIAGRAM – PRODUCTION FACILITIES DIAGRAM
 COG OPERATING, LLC
 SECTION 35, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.



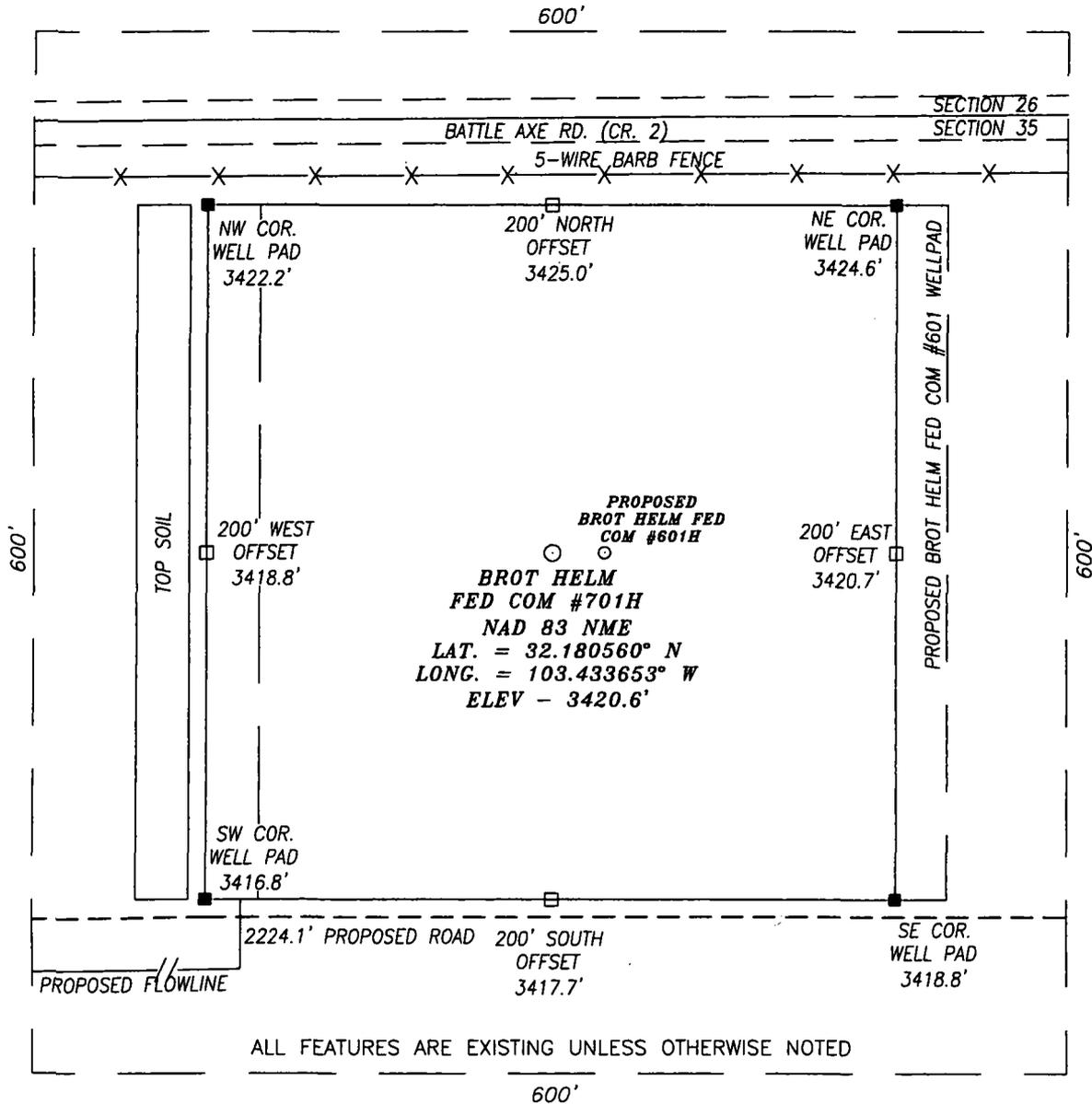
LEASE NAME WELL & WELL NUMBER: BROT HELM FEDERAL COM #701H
 NAD 83 NME
 LATITUDE: 32.180560° N
 LONGITUDE: 103.433653° W

HARCROW SURVEYING, LLC
 2314 W. MAIN ST, ARTESIA, N.M. 88210
 PH: (575) 746-2158
 c.harcrow@harcrowsurveying.com



COG OPERATING, LLC	
SURVEY DATE: DECEMBER 17, 2018	RECLAMATION
DRAFTING DATE: JUNE 10, 2019	PAGE: 1 OF 1
APPROVED BY: CH	DRAWN BY: CD FILE: 19-1061

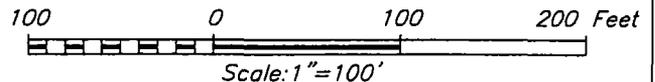
SECTION 35, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

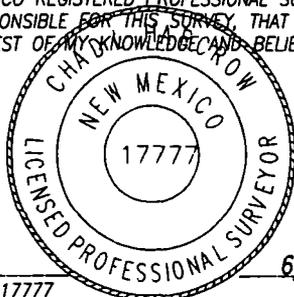
FROM THE INTERSECTION OF STATE HWY. 128 & BATTLE AXE RD. (CR. 2), GO SOUTHWEST ON BATTLE AXE RD. FOR APPROX. 0.4 MI.; THEN TURN RIGHT (WEST) AND GO APPROX. 1.2 MILES TO A CALICHE ROAD; THEN TURN LEFT (SOUTH) AND GO APPROX. 450 FEET TO A PROPOSED ROAD. PROPOSED WELL LIES APPROX. 655 FEET WESTNORTHWEST.

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CERTIFICATION

I, CHAD HARCROW, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Chad Harcrow
 CHAD HARCROW N.M.P.S. NO. 17777

6/10/19
 DATE

COG OPERATING, LLC	
BROT HELM FEDERAL COM #701H WELL LOCATED 250 FEET FROM THE NORTH LINE AND 437 FEET FROM THE EAST LINE OF SECTION 35, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO	
SURVEY DATE: DECEMBER 17, 2018	600
DRAFTING DATE: JUNE 10, 2019	PAGE: 1 OF 1
APPROVED BY: CH	DRAWN BY: CD
	FILE: 19-1061