

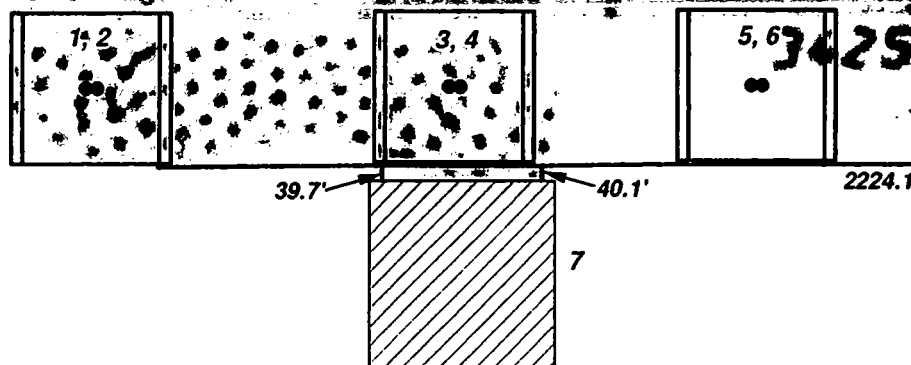
T 24 S

R
3
4
E

	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. - CR. 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

0 500 1,000 1,500 FEET

0 0.03250.065

0.13 Miles

1 IN = 500 FT

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

T 24 S

R
3
4
E

	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

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

0 500 1,000 1,500 FEET

0 0.03250.065 0.13 Miles 1 IN = 500 FT

LOCATION MAP

IMAGERY

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

T 24 S

R
3
4
E

23

19

	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

26

25

30

24S 35E

W NM Highway 128

1, 2 Oct 3, 4 5, 6

Battle Axe Rd

BATTLE AXE RD. - CR. 2

Battle Axe Rd

24S 34E

Battle Axe Rd

Maderia Rd

35

36

31

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

0 1,250 2,500 3,750 FEET

0 0.075 0.15 0.3 Miles 1 IN = 1,250 FT

LOCATION MAP

VICINITY

6/10/2019

A.M.

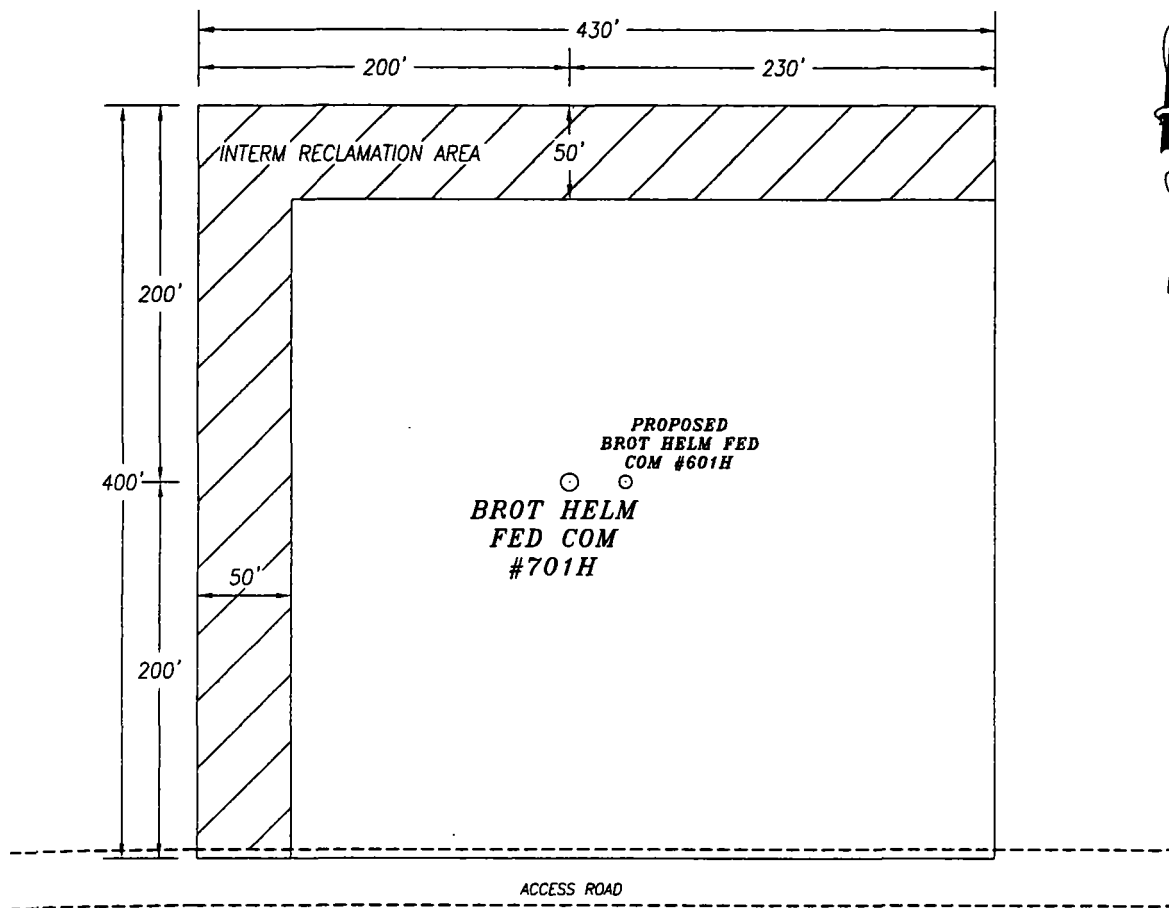
CONCHO

COG OPERATING, LLC



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

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: BROTH 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



100 0 100 200 Feet
Scale: 1" = 100'

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

