

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

MAY 02 2019

☐ AMENDED REPORT

DISTRICT II-ARTESIA O.C.D.

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-45149		2 Pool Code 97918		3 Pool Name Burch Keely; Glorieta-Upper Yeso	
4 Property Code 308086		5 Property Name BURCH KEELY UNIT			6 Well Number 960H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3582'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
P	23	17S	29E		837	SOUTH	125	EAST	EDDY

11 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
P	24	17S	29E		988	SOUTH	122	EAST	EDDY

12 Dedicated Acres 160	13 Joint or Infill <i>Infill - not defining well</i>	14 Consolidation Code	15 Order No.
----------------------------------	---	-----------------------	--------------

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.

16 GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION (SL)
837'-FSL/125'-FEL (SEC. 23)
N 660388.8 - E 632291.8
LAT: 32.8150875° N LONG: 104.0372725° W
LAT: 32°48'54.3146" N LONG: 104°02'14.1814" W
KICK OFF POINT (KOP)
831'-FSL/408'-FEL (SEC. 23)
N 660382.6 - E 632009.0
LAT: 32.8150724° N LONG: 104.0361931° W
LAT: 32°48'54.2605" N LONG: 104°02'17.4950" W
MD = 4,298.00 / TVD = 4,278.25
FIRST TAKE POINT (FTP)
841'-FSL/12'-FWL (SEC. 24)
N 660393.4 - E 632428.9
LAT: 32.8150989° N LONG: 104.0368263° W
LAT: 32°48'54.3559" N LONG: 104°02'12.5745" W
MD = 5,076.00 / TVD = 4,890.98
LAST TAKE POINT (LTP)
981'-FSL/280'-FEL (SEC. 24)
N 660546.7 - E 637425.4
LAT: 32.8154808° N LONG: 104.0205612° W
LAT: 32°48'55.7307" N LONG: 104°01'14.0202" W
MD = 10,098.00 / TVD = 4,923.05
BOTTOM HOLE (BH)
988'-FSL/122'-FEL (SEC. 24)
N 660554.2 - E 637584.1
LAT: 32.8155000° N LONG: 104.0200447° W
LAT: 32°48'55.8001" N LONG: 104°01'12.1610" W
MD = 10,257.00 / TVD = 4,915.33

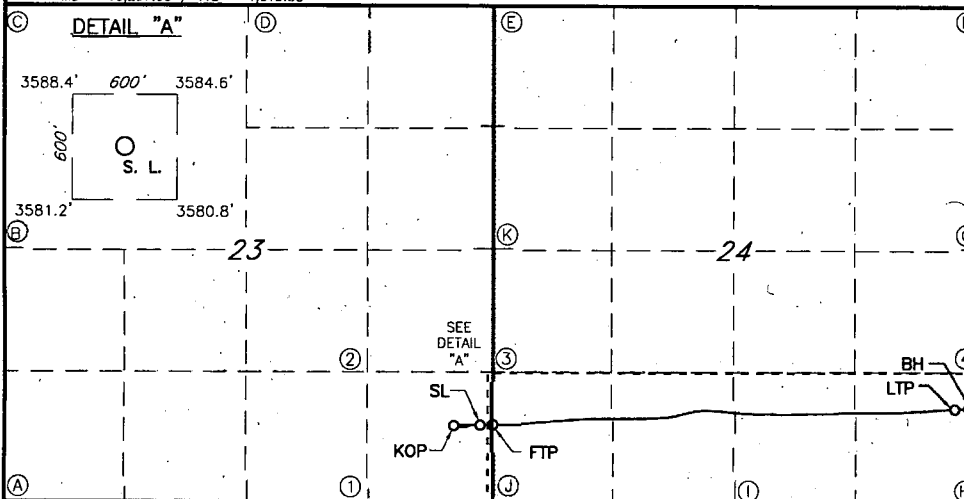
CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRAS CAP "1914"
N: 659544.7 - E: 627143.8
B: FOUND BRASS CAP "1914"
N: 662184.5 - E: 627134.6
C: FOUND BRASS CAP "1914"
N: 664824.0 - E: 627124.4
D: FOUND 1/2" REBAR
N: 664826.4 - E: 629765.3
E: FOUND 1" STEEL PIPE
N: 664828.6 - E: 632407.9
F: FOUND BRASS CAP "1914"
N: 664840.4 - E: 637685.9

G: FOUND BRASS CAP "1914"
N: 662203.0 - E: 637700.0
H: FOUND 2 1/2" STEEL PIPE
N: 659567.0 - E: 637708.9
I: FOUND 1/2" REBAR
N: 659559.8 - E: 635063.4
J: FOUND 2" IRON PIPE
N: 659552.3 - E: 632418.3
K: FOUND 3/4" IRON PIPE
N: 662189.9 - E: 632413.4

CALCULATED POINTS
1: N 659550.4 - E 631099.7
2: N 660869.5 - E 631096.5
3: N 660871.1 - E 632415.9
4: N 660885.0 - E 637704.4

17 OPERATOR CERTIFICATION
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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Dana King 05/01/19
Signature Date
Dana King
Printed Name
dking@concho.com
E-mail Address



18 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.

10-03-2017
Date of Survey
Signature and Seal of Professional Surveyor
19680
Certificate Number
1/18/19 As Drill

LS1709628D2