

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax (505) 393-6722

District II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1263 Fax (505) 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

JAN 20 2015

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42375		² Pool Code 44500	³ Pool Name Maljamar; Yeso West
⁴ Property Code 40481	⁵ Property Name FLAT HEAD FED. COM.		⁶ Well Number 8H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 4107'

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
A	14	17-S	32-E		1170'	NORTH	330'	EAST	LEA

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
A	11	17-S	32-E		330'	NORTH	330'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
200			

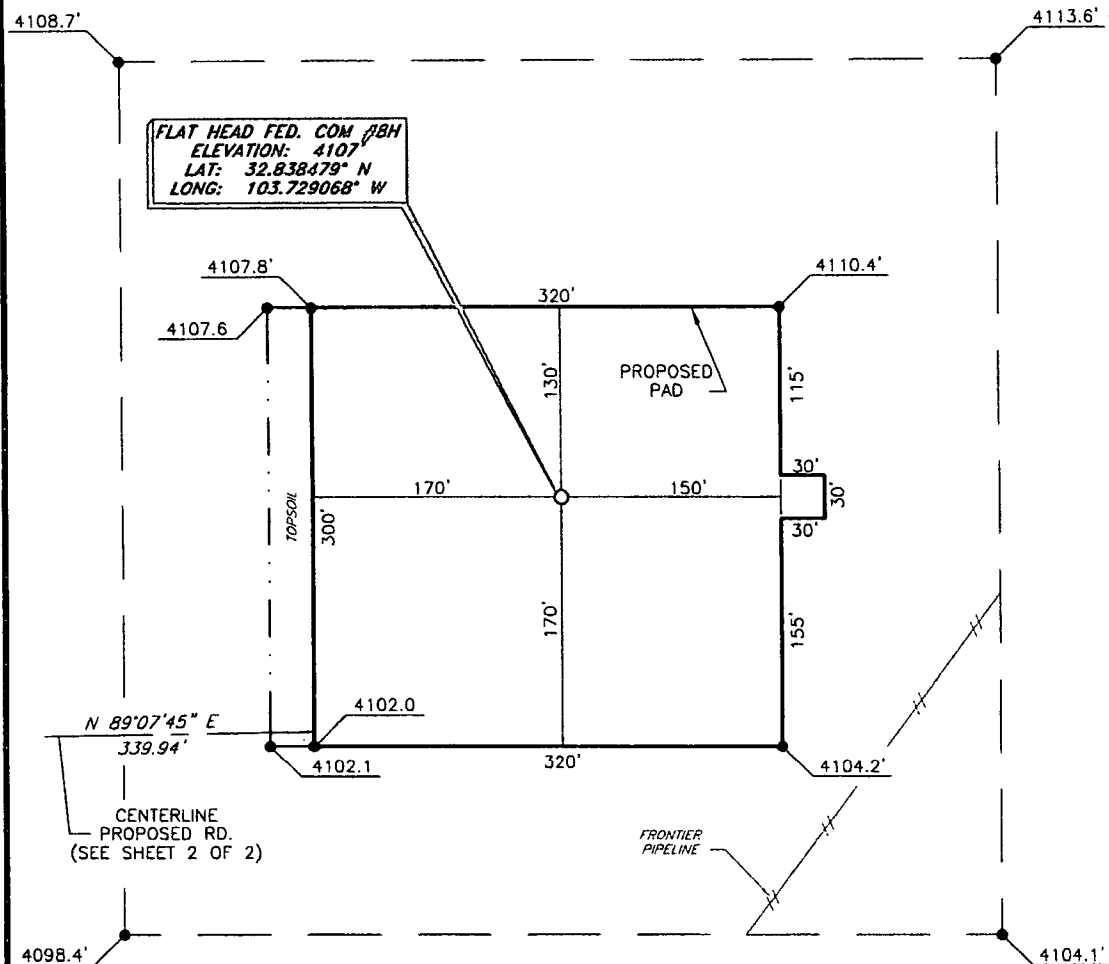
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1913 N 665155.585 - E 680671.356 B: FND BRASS CAP 1913 N 667794.820 - E 680655.069 C: FND BRASS CAP 1913 N 670433.304 - E 680638.664 D: FND BRASS CAP 1913 N 673071.074 - E 680625.358 E: FND BRASS CAP 1913 N 675706.521 - E 680608.142 F: FND BRASS CAP 1913 N 675717.566 - E 683245.831 G: FND BRASS CAP 1913 N 675728.927 - E 685884.742 H: FND BRASS CAP 1913 N 673090.964 - E 685901.502 I: FND BRASS CAP 1913 N 670452.736 - E 685918.071 J: FND BRASS CAP 1913 N 667813.774 - E 685935.145 K: FND BRASS CAP 1913 N 665173.959 - E 685951.421 L: FND BRASS CAP 1913 N 665164.657 - E 683311.554 M: FND BRASS CAP 1913 BENT N 670431.693 - E 683273.227 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 669280.4 E 685595.8 LAT: 32.838479° N LONG: 103.729068° W BOTTOM LOCATION N 675397.6 E 685557.0		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 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 order heretofore entered by the division. Signature: <i>Kelly J. Holly</i> Date: 7-8-13 Printed Name: Kelly J. Holly E-mail Address: kholly@concho.com 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. Date of Survey: 5/20/13 Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> Certificate Number: 19680
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JAN 21 2015

COG OPERATING, LLC

Flat Head Fed. Com. 8H
(1170' FNL & 330' FEL)
Section 14, T-17-S, R-32-E,
N. M. P. M., Lea Co., New Mexico



DIRECTIONS TO LOCATION

From the intersection of Lease Rd. 126 (Maljamar Rd.) and Lease Rd. 125 (Mescalero):

Go Southeast on Mescalero Rd. approx. 1.5 mi;

Turn Left and go North thru the gate to the proposed road;

Follow road survey approx. 0.4 mi East to this location.

SCALE: 1" = 100'

BEARINGS ARE
NAD 27 - NM EAST
DISTANCES ARE
GROUND.

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NO.	REVISION	DATE
JOB NO.:	LS130120	
DWG. NO.:	130120PAD	

PROSPERITY CONSULTANTS, LLC



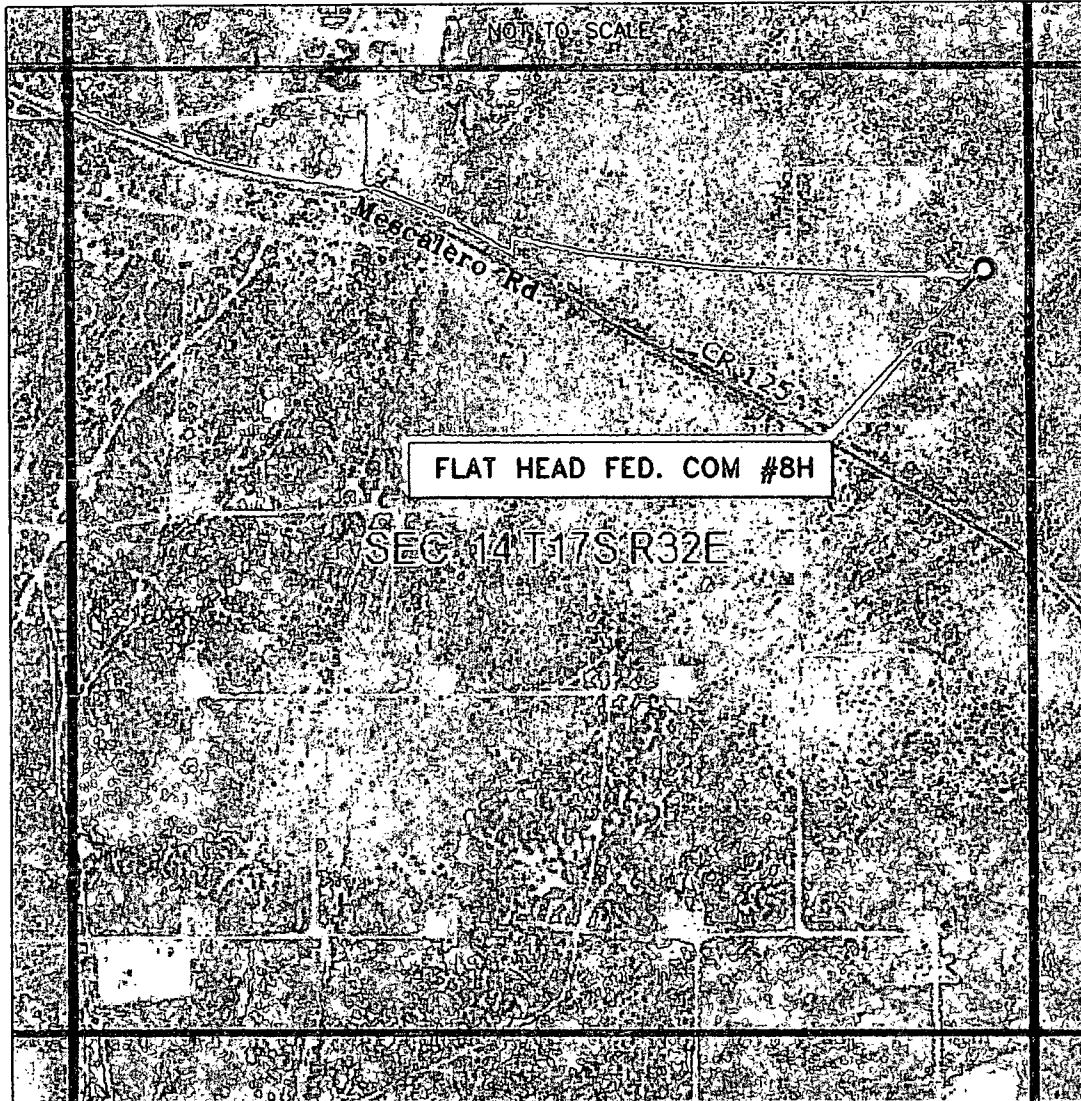
2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

o (512) 992-2087 / (512) 251-2518

SCALE: 1" = 100'
DATE: 6/20/13
SURVEYED BY: GB/SM
DRAWN BY: DR
APPROVED BY: LWB
SHEET : 1 OF 2

VICINITY MAP

NOT TO SCALE



*SECTION 14, TWP. 17 SOUTH, RGE. 32 EAST,
N. M. P. M., LEA COUNTY, NEW MEXICO*

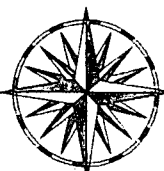
OPERATOR: COG Operating, LLC
LEASE: Flat Head Fed. Com.
WELL NO.: 8H

LOCATION: 1170' FNL 330' FEL
ELEVATION: 4107'

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NO.	REVISION	DATE
JOB NO.:	LS130120	
DWG. NO.:	130120VM	

PROSPERITY CONSULTANTS, LLC

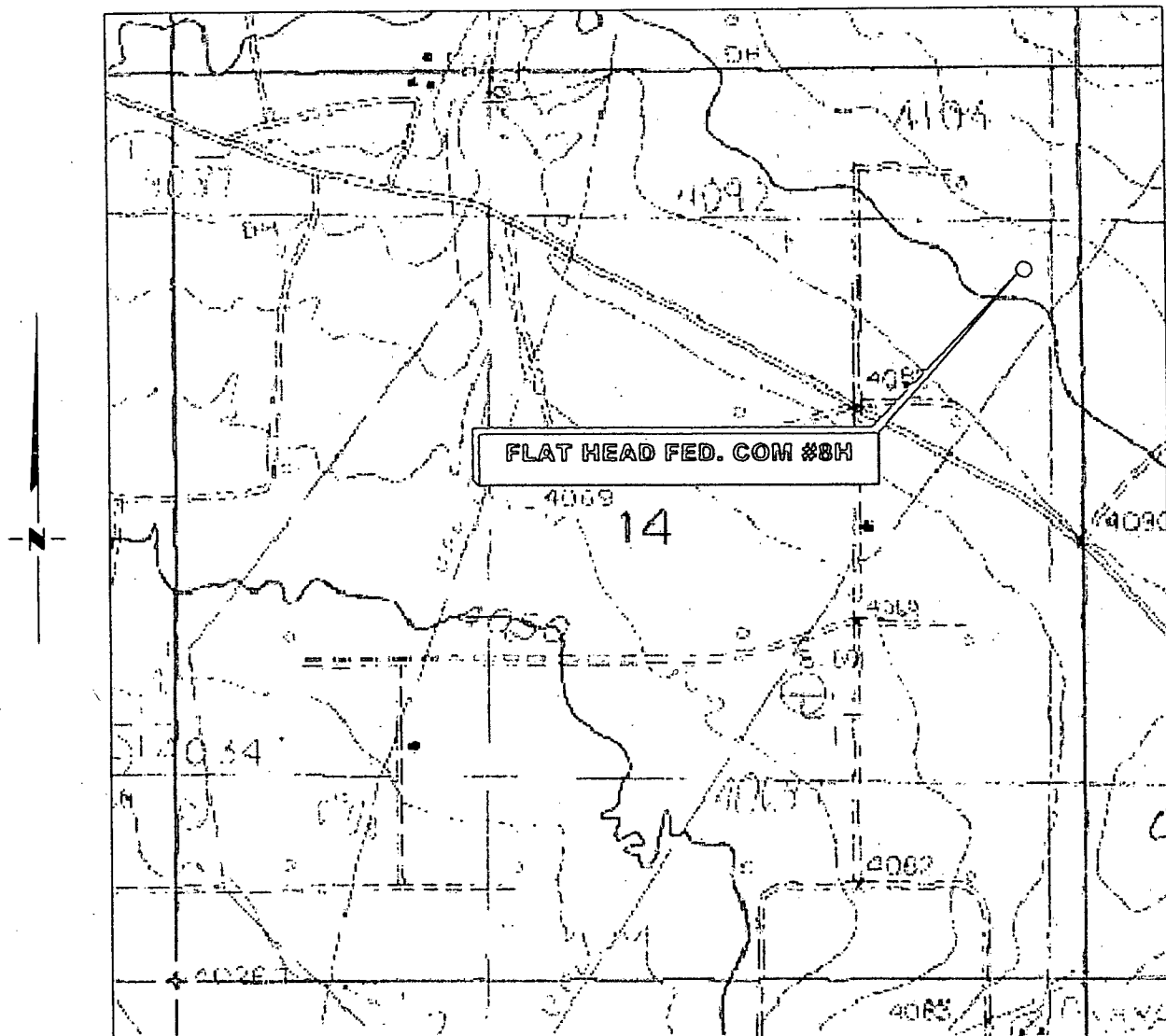


2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

o (512) 992-2087 f (512) 251-2518

SCALE: N. T. S.
DATE: 6/20/13
SURVEYED BY: GB/SM
DRAWN BY: DR
APPROVED BY: LWB
SHEET : 1 OF 1

LOCATION VERIFICATION MAP



*SECTION 14, TWP. 17 SOUTH, RGE. 32 EAST,
N. M. P. M., LEA COUNTY, NEW MEXICO*

OPERATOR: COG Operating, LLC
LEASE: Flat Head Fed. Com.
WELL NO.: 8H
ELEVATION: 4107'

LOCATION: 1170' FNL & 330' FEL
CONTOUR INTERVAL: 10'
USGS TOPO. SOURCE MAP:
Maljamar, NM (Prov. Ed. 1985)

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NO.	REVISION	DATE
JOB NO.: LS130120		
DWG. NO.: 130120LVM		

PROSPERITY CONSULTANTS, LLC



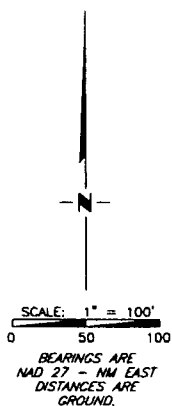
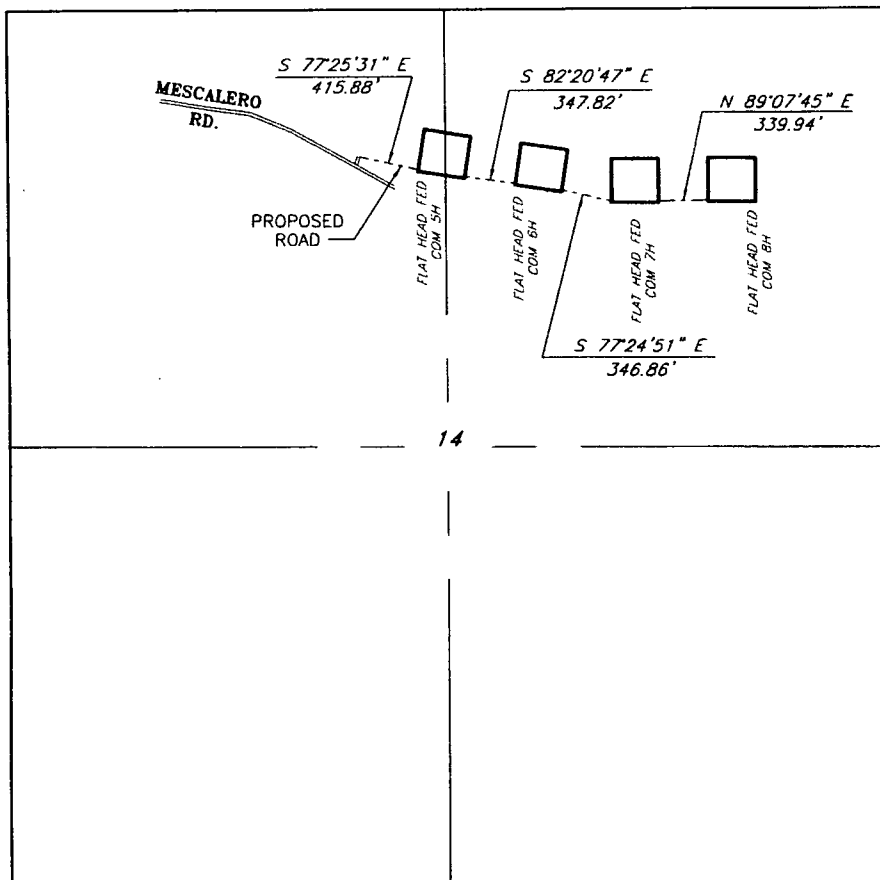
2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

o (512) 992-2087 f (512) 251-2518

SCALE: 1" = 1000'
DATE: 6/20/13
SURVEYED BY: GB/SM.
DRAWN BY: DR
APPROVED BY: LWB
SHEET : 1 OF 1

COG OPERATING, LLC

Flat Head Fed. Com. 8H
(1170' FNL & 330' FEL)
Section 14, T-17-S, R-32-E,
N. M. P. M., Lea Co., New Mexico



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NO.	REVISION	DATE
JOB NO.: LS130120		
DWG. NO.: 130120PAD2		

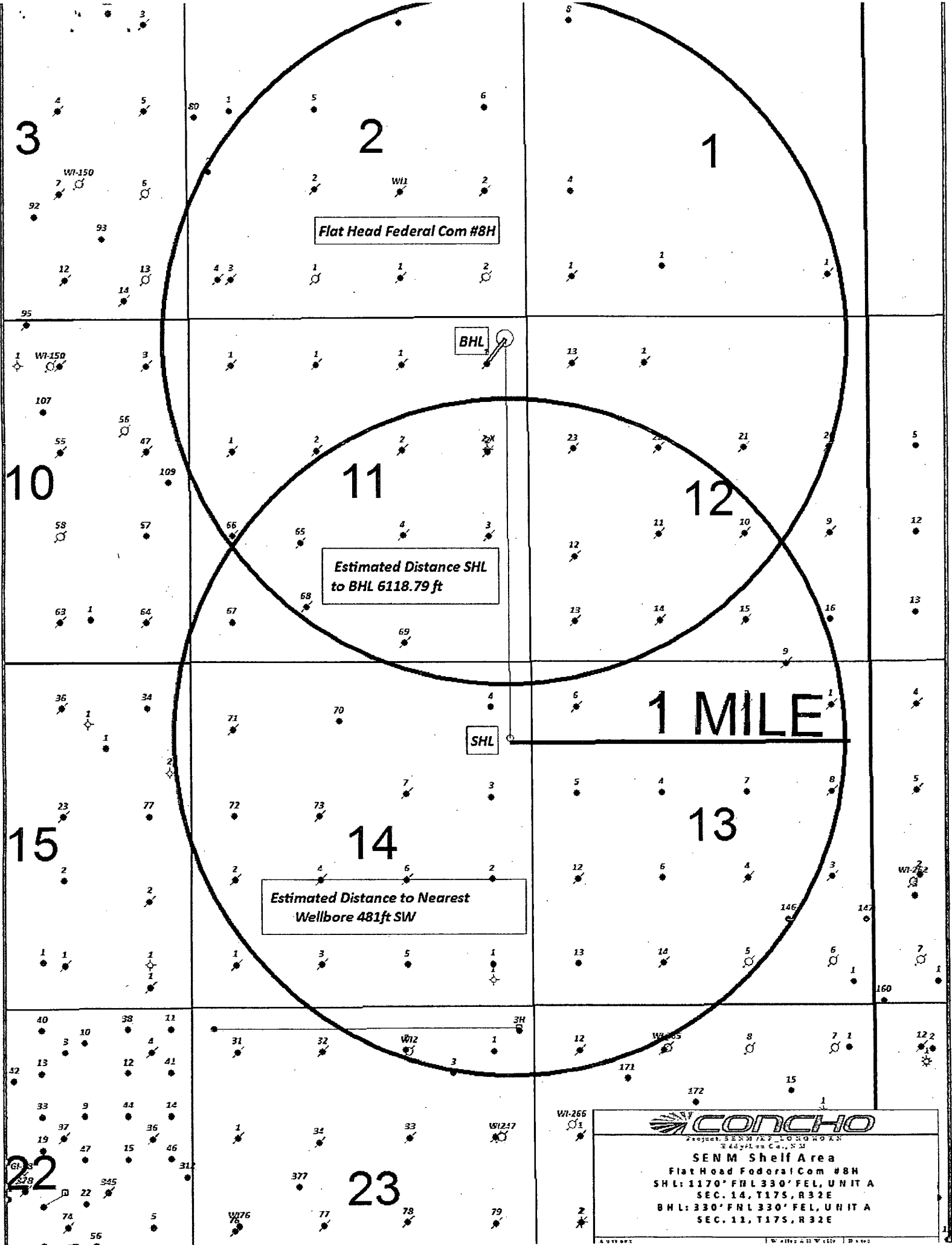
PROSPERITY CONSULTANTS, LLC



SCALE: 1" = 100'
DATE: 6/20/13
SURVEYED BY: GB/SM
DRAWN BY: DR
APPROVED BY: LWB
SHEET : 2 OF 2

2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

o (512) 992-2087 f (512) 251-2518



Flat Head Federal Com #8H

BHL

Estimated Distance SHL to BHL 6118.79 ft

SHL

1 MILE

Estimated Distance to Nearest Wellbore 481ft SW

CONCHO
Project: SENM Shelf Area
Flat Head Federal Com #8H
SHL: 1170' FNL 330' FEL, UNIT A
SEC. 14, T17S, R32E
BHL: 330' FNL 330' FEL, UNIT A
SEC. 11, T17S, R32E



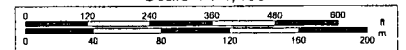
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www.delorme.com



Scale 1 : 4,400



1" = 366.7 ft

Data Zoom 15-5