

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
☐ AMENDED REPORT

APR 04 2016

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-43147	² Pool Code 44500	³ Pool Name Maljamar; Yeso West
⁴ Property Code 40481	⁵ Property Name FLAT HEAD FEDERAL COM	
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	⁶ Well Number 27H ⁹ Elevation 4100'

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	990'	EAST	LEA

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	990'	EAST	LEA

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

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.

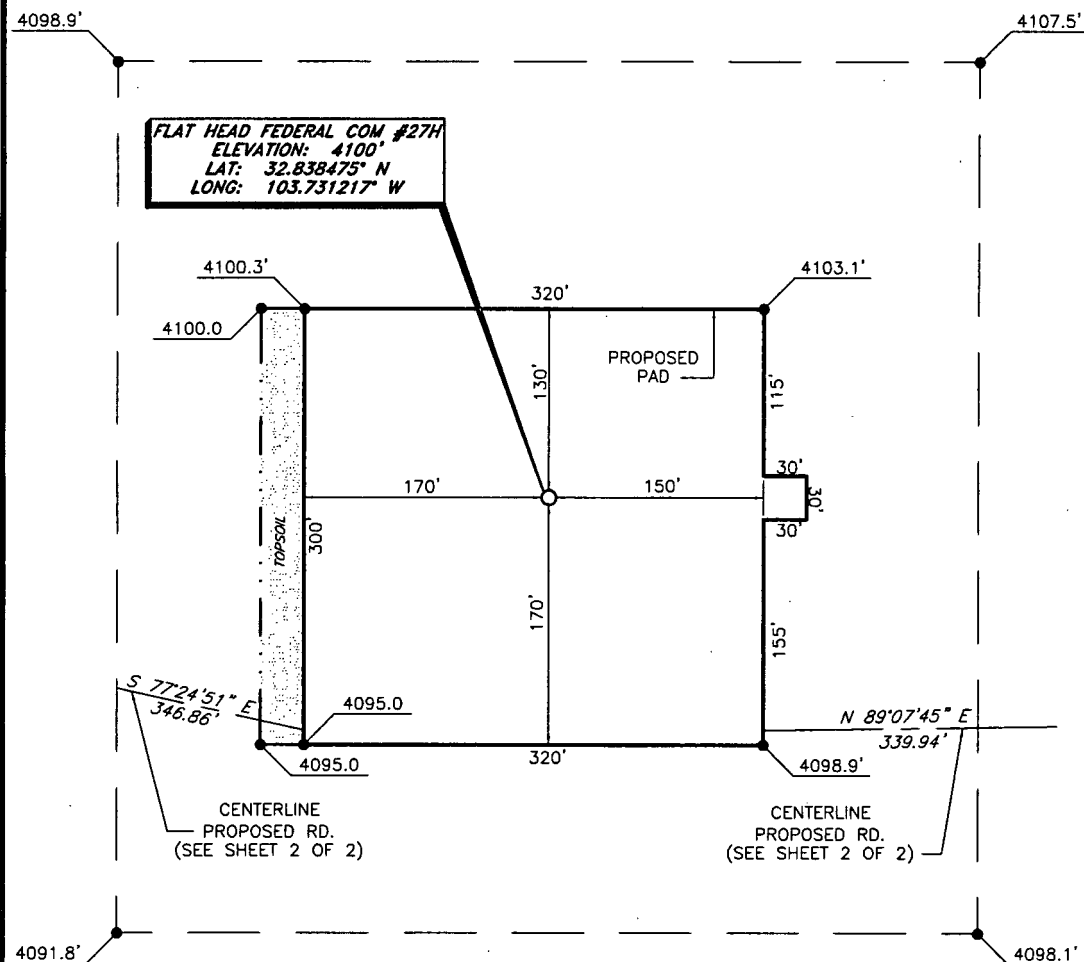
<p>¹⁶ CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1913 N 665155.585 - E 680671.356 B: FND BRASS CAP 1913 N 667794.820 - E 680655.069 C: FND BRASS CAP 1913 N 670433.304 - E 680638.664 D: FND BRASS CAP 1913 N 673071.074 - E 680625.358 E: FND BRASS CAP 1913 N 675706.521 - E 680608.142 F: FND BRASS 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</p> <p>GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 669275.2 E 684935.8 LAT: 32.838475° N LONG: 103.731217° W BOTTOM LOCATION N 675394.8 E 684897.1</p>		<p>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 hereinafter entered by the division.</p> <p>Signature: Date: 3-25-15 Printed Name: Kelly J. Holly E-mail Address: kholly@concho.com</p> <p>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.</p> <p>Date of Survey: 5/20/13 Signature and Seal of Professional Surveyor: Certificate Number: Revised: 2/4/15</p>
---	--	---

pr

APR 14 2016

COG OPERATING, LLC

Flat Head Federal Com #27H
(1170' FNL & 990' FEL)
Section 14, T-17-S, R-32-E,
N. M. P. M., Lea Co., New Mexico



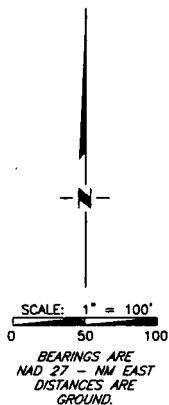
DIRECTIONS TO LOCATION

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. 0.3 mi East to
this location.



Copyright 2012 - All Rights Reserved

1	Well Name	2/4/15
NO.	REVISION	DATE
JOB NO.: LS130119		
DWG. NO.: 130119PAD		

PROSPERITY CONSULTANTS, LLC



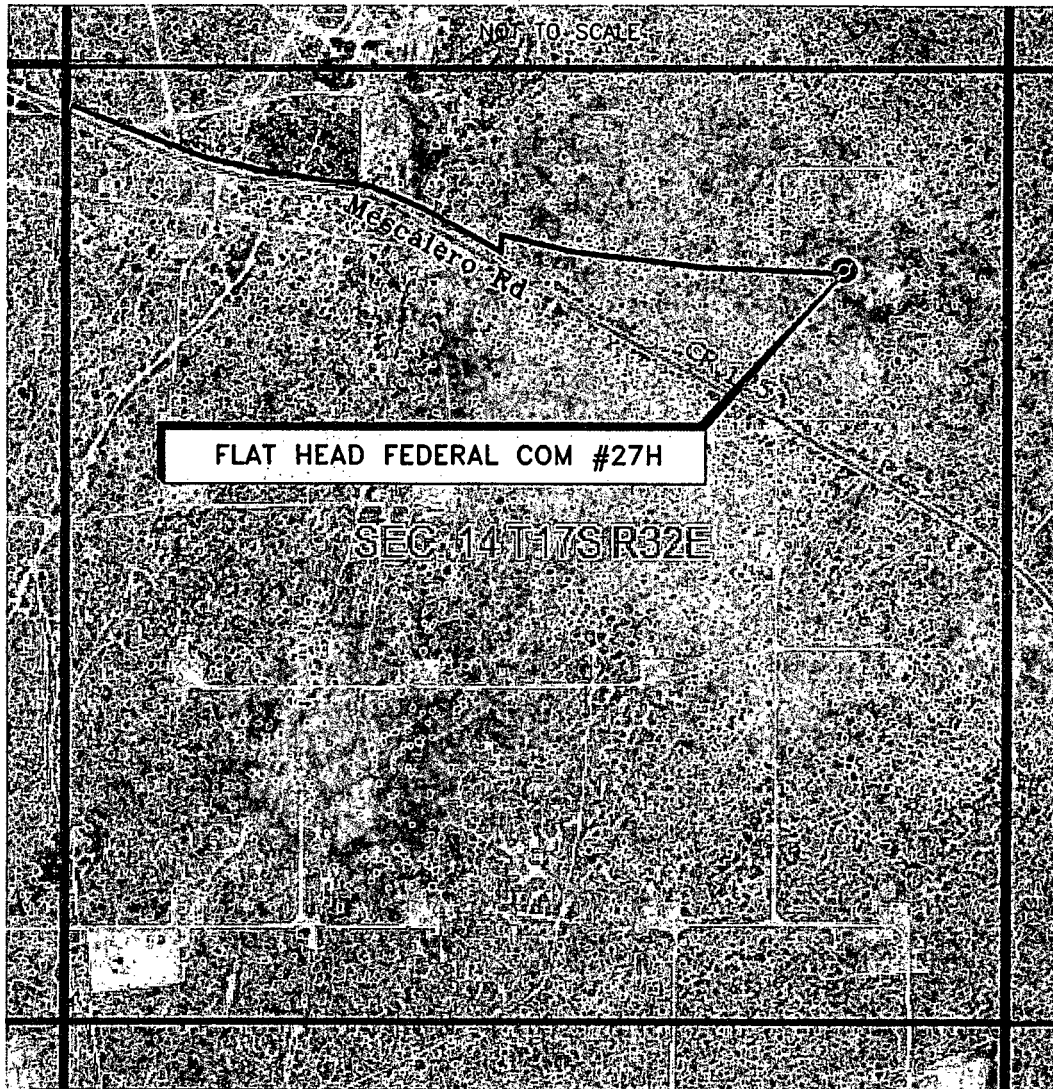
2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

© (512) 992-2087 f (512) 251-2518

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

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 Federal Com
WELL NO.: 27H

LOCATION: 1170' FNL & 990' FEL
ELEVATION: 4100'

Copyright 2012 - All Rights Reserved

1	Well Name	2/4/15
NO.	REVISION	DATE
JOB NO.: LS130119		
DWG. NO.: 130119VM		

PROSPERITY CONSULTANTS, LLC

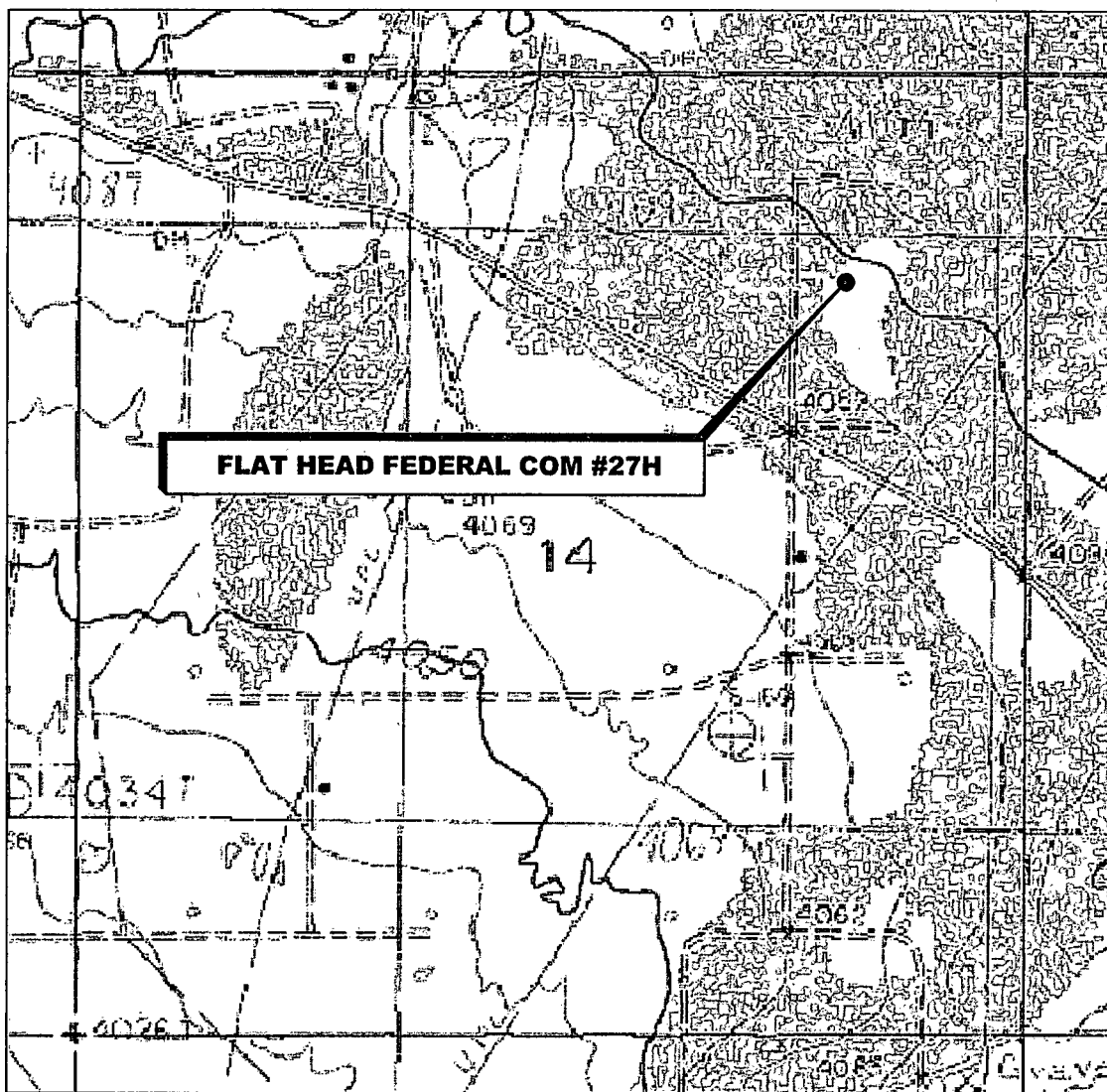


2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

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**

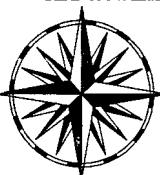
OPERATOR: COG Operating, LLC
LEASE: Flat Head Federal Com
WELL NO.: 27H
ELEVATION: 4100'

LOCATION: 1170' FNL & 990' FEL
CONTOUR INTERVAL: 10'
USGS TOPO. SOURCE MAP:
Maljamar, NM (Prov. Ed. 1985)

Copyright 2012 - All Rights Reserved

1	Well Name	2/4/15
NO.	REVISION	DATE
JOB NO.: LS130119		
DWG. NO.: 130119LVM		

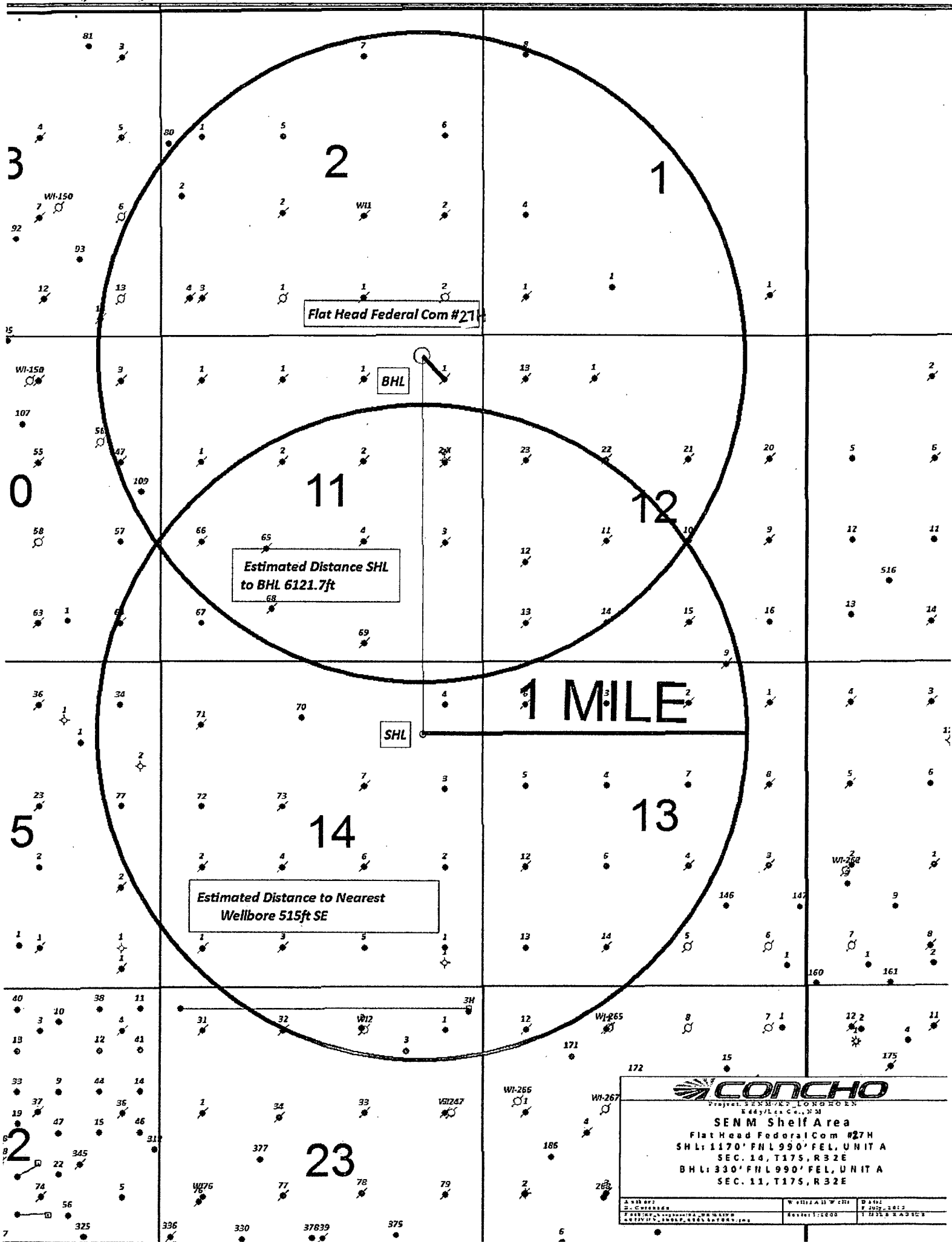
PROSPERITY CONSULTANTS, LLC



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



Flat Head Federal Com #27H

BHL

Estimated Distance SHL to BHL 6121.7ft

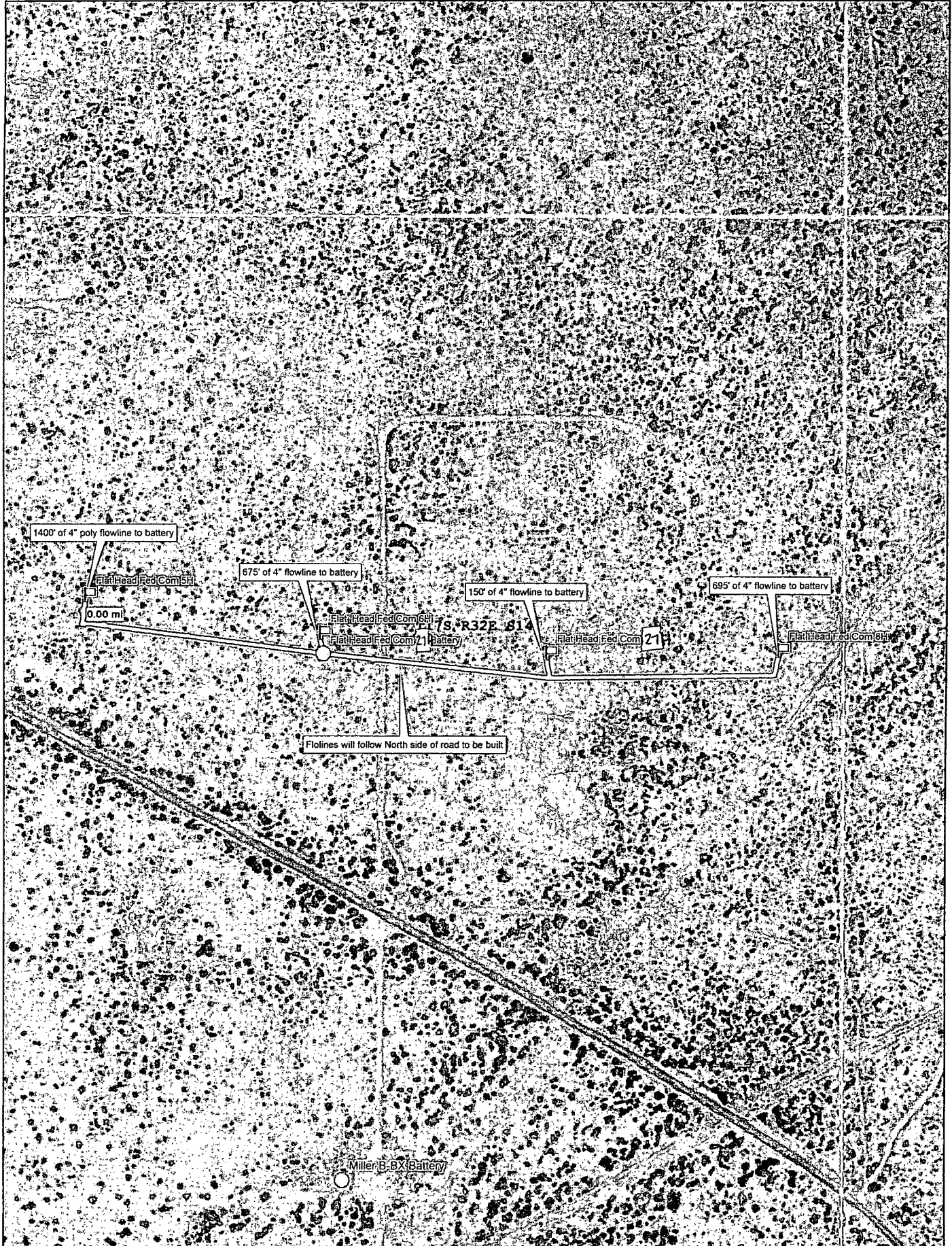
SHL

1 MILE

Estimated Distance to Nearest Wellbore 515ft SE

CONCHO
Project: SENM/K1, LONG HORN
SENM Shelf Area
Flat Head Federal Com #27H
SHL: 1170' FNL 990' FEL, UNIT A
SEC. 14, T17S, R32E
BHL: 330' FNL 990' FEL, UNIT A
SEC. 11, T17S, R32E

Author: [blank]	Reviewer: [blank]	Date: [blank]
Editor: [blank]	Checker: [blank]	Date: [blank]



Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com



Scale 1 : 4,400

