

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6721
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) 476-3468

HOBBS OCD
MAY 09 2016
RECEIVED

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-43224		2 Pool Code 44500		3 Pool Name Maljamar; Yeso West					
4 Property Code 40481		5 Property Name FLAT HEAD FEDERAL COM			6 Well Number 17H				
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 4098'				
10 Surface Location									
UL or lot no. A	Section 14	Township 17S	Range 32E	Lot Idn	Feet from the 1190	North/South line NORTH	Feet From the 1160	East/West line EAST	County LEA
11 Bottom Hole Location If Different From Surface									
UL or lot no. A	Section 11	Township 17S	Range 32E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 990	East/West line EAST	County 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 interest have been consolidated or a non-standard unit has been approved by the division.

DETAIL "A"

GEODETIC DATA
NAD 27 GRID - NM EAST

SURFACE LOCATION
N 669253.5 - E 684765.8
LAT: 32.83841767° N
LONG: 103.73177094° W

BOTTOM HOLE
N 675394.8 - E 684897.1

CORNER DATA
NAD 27 GRID - NM EAST

A: FOUND BRASS CAP "1913"
N 665155.6 - E 680671.4

B: FOUND BRASS CAP "1913"
N 667794.8 - E 680655.1

C: FOUND BRASS CAP "1913"
N 670433.3 - E 680638.7

D: FOUND BRASS CAP "1913"
N 673071.1 - E 680625.4

E: FOUND BRASS CAP "1913"
N 675706.5 - E 680608.1

F: FOUND BRASS CAP "1913"
N 675717.6 - E 683245.8

G: FOUND BRASS CAP "1913"
N 675728.9 - E 685884.7

H: FOUND BRASS CAP "1913"
N 673091.0 - E 685901.5

I: FOUND BRASS CAP "1913"
N 670452.7 - E 685918.1

J: FOUND BRASS CAP "1913"
N 667813.8 - E 685935.1

K: FOUND BRASS CAP "1913"
N 665174.0 - E 685951.4

L: FOUND BRASS CAP "1913"
N 665164.7 - E 683311.6

M: FOUND BRASS CAP "1913"
N 670431.7 - E 683273.2

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.

Signature:
Date: **8-3-15**

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.

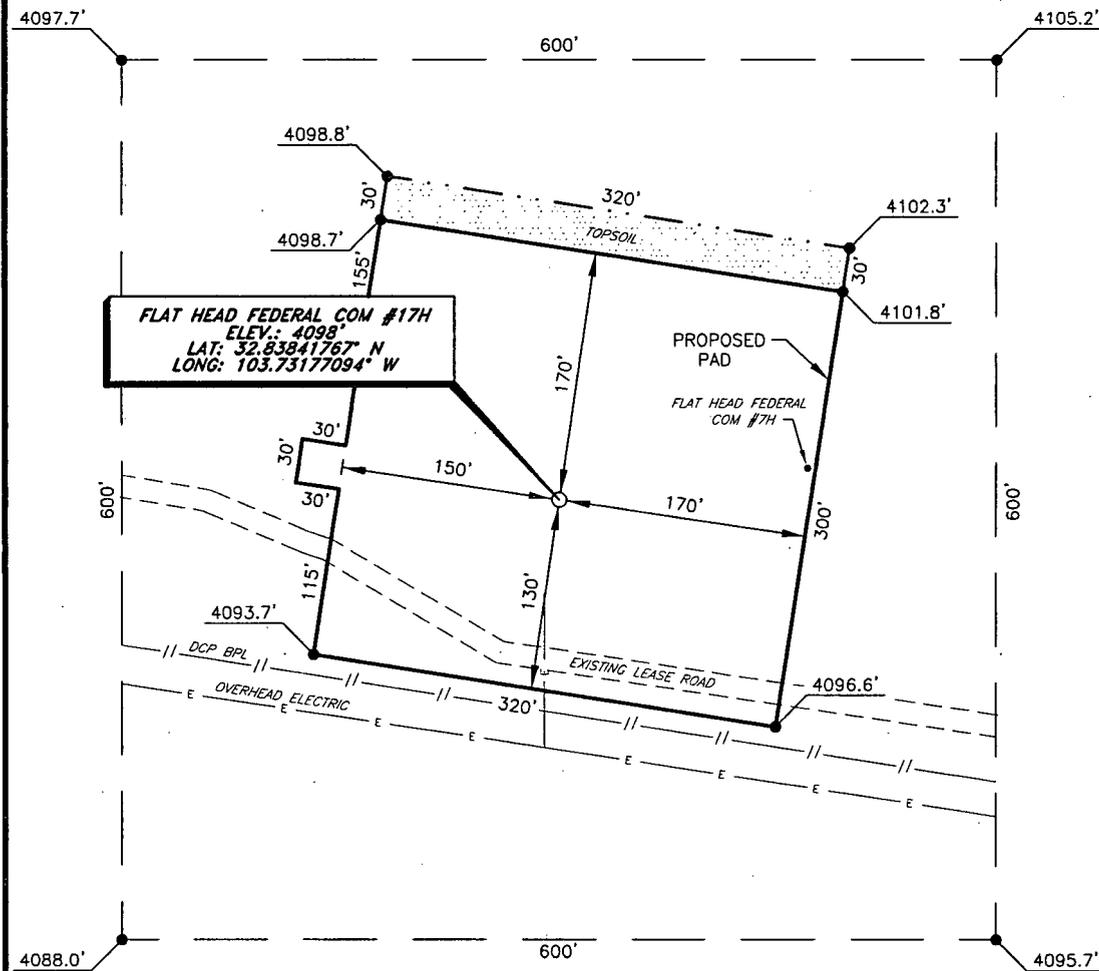
Date of Survey: **5-1-15**

Signature and Seal of Professional Surveyor:

Certificate Number: **19680**

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1504162

COG OPERATING, LLC
 FLAT HEAD FEDERAL COM #17H
 (1190' FNL & 1160' FEL)
 SECTION 14, T17S, R32E
 N. M. P. M., LEA CO., NEW MEXICO



FLAT HEAD FEDERAL COM #17H
 ELEV.: 4098'
 LAT: 32.83841767° N
 LONG: 103.73177094° W

DIRECTIONS TO LOCATION

From the intersection of L-125 (Mescalero Road) and L-126 (Maljamar Road);
 Go East on L-125 for approx. 1.5 miles to lease road on left;
 Turn left go North turning East following lease road approx. 0.3 miles to this location.

SCALE: 1" = 100'
 0 50 100
 BEARINGS ARE
 NAD 27 GRID - NM EAST
 DISTANCES ARE
 GROUND.

Firm No.: TX 10193838 NM 4655451

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NO.	REVISION	DATE
JOB NO.: LS1504162		
DWG. NO.: 1504162PAD		

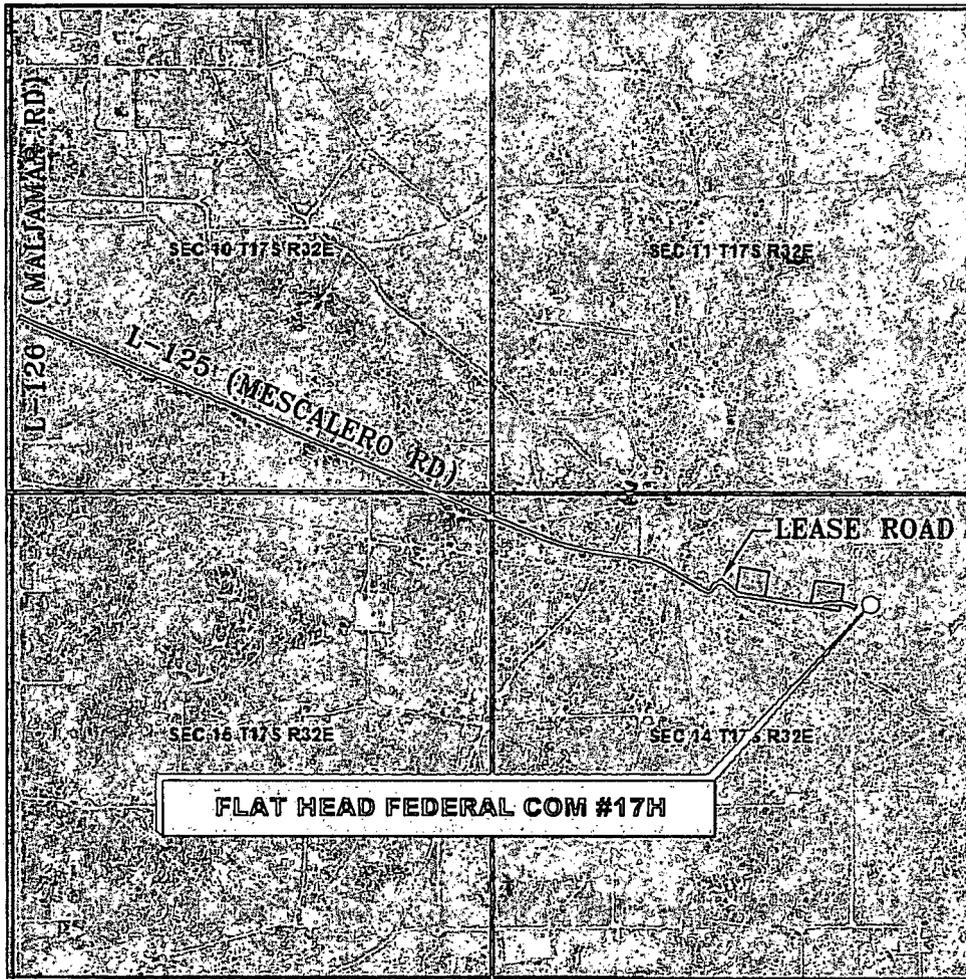
RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
DATE: 5-1-15
SURVEYED BY: ML/ER
DRAWN BY: JC
APPROVED BY: RMH
SHEET : 1 OF 1

VICINITY MAP

NOT TO SCALE



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

OPERATOR: COG Operating, LLC
 LEASE: Flat Head Federal Com
 WELL NO.: 17H

LOCATION: 1190' FNL & 1160' FEL
 ELEVATION: 4098'

Firm No.: TX 10193838 NM 4655451

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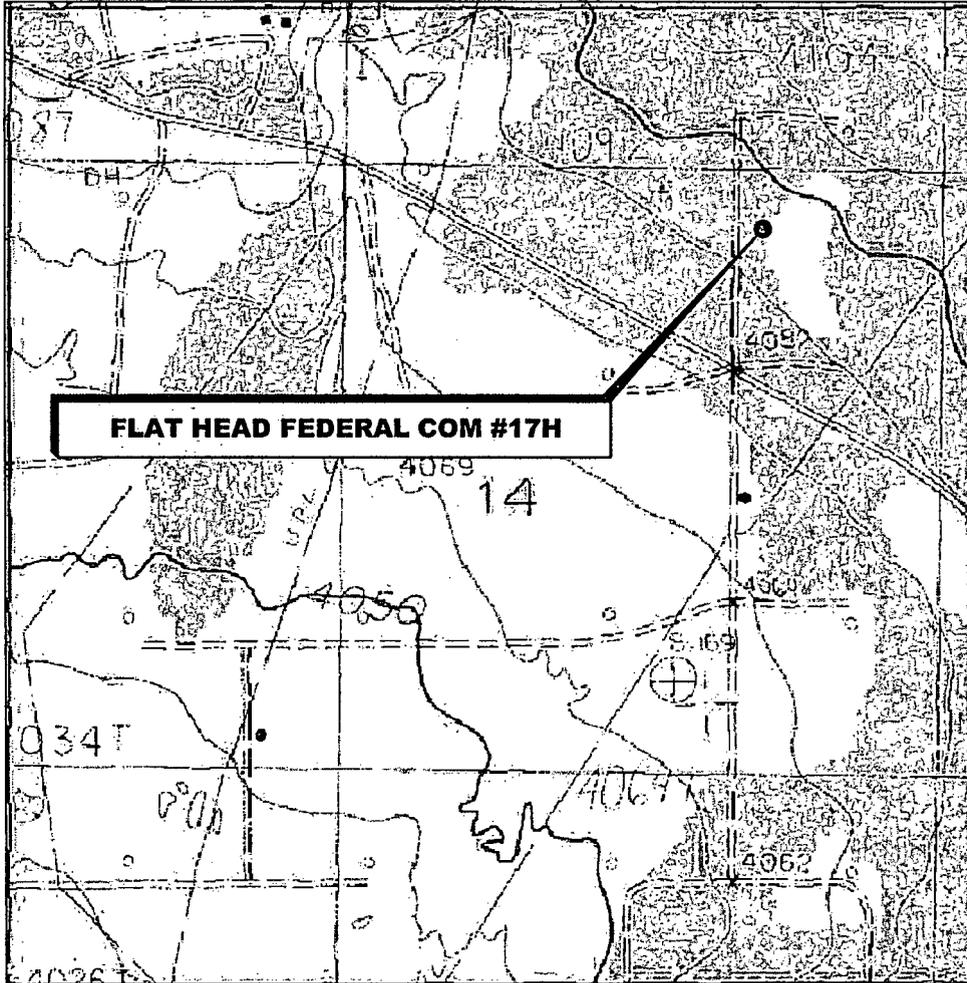
NO.	REVISION	DATE
JOB NO.: LS1504162		
DWC. NO.: 1504162VM		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: N. T. S.
DATE: 5/1/15
SURVEYED BY: ML/ER
DRAWN BY: JC
APPROVED BY: RMH
SHEET : 1 OF 1

LOCATION VERIFICATION MAP



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

OPERATOR: COG Operating, LLC
 LEASE: Flat Head Federal Com
 WELL NO.: 17H
 ELEVATION: 4098'

LOCATION: 1190' FNL & 1160' FEL
 CONTOUR INTERVAL: 10'
 USGS TOPO. SOURCE MAP:
Maljamar, NM (P. E. 1985)

Firm No.: TX 10193838 NM 4655451

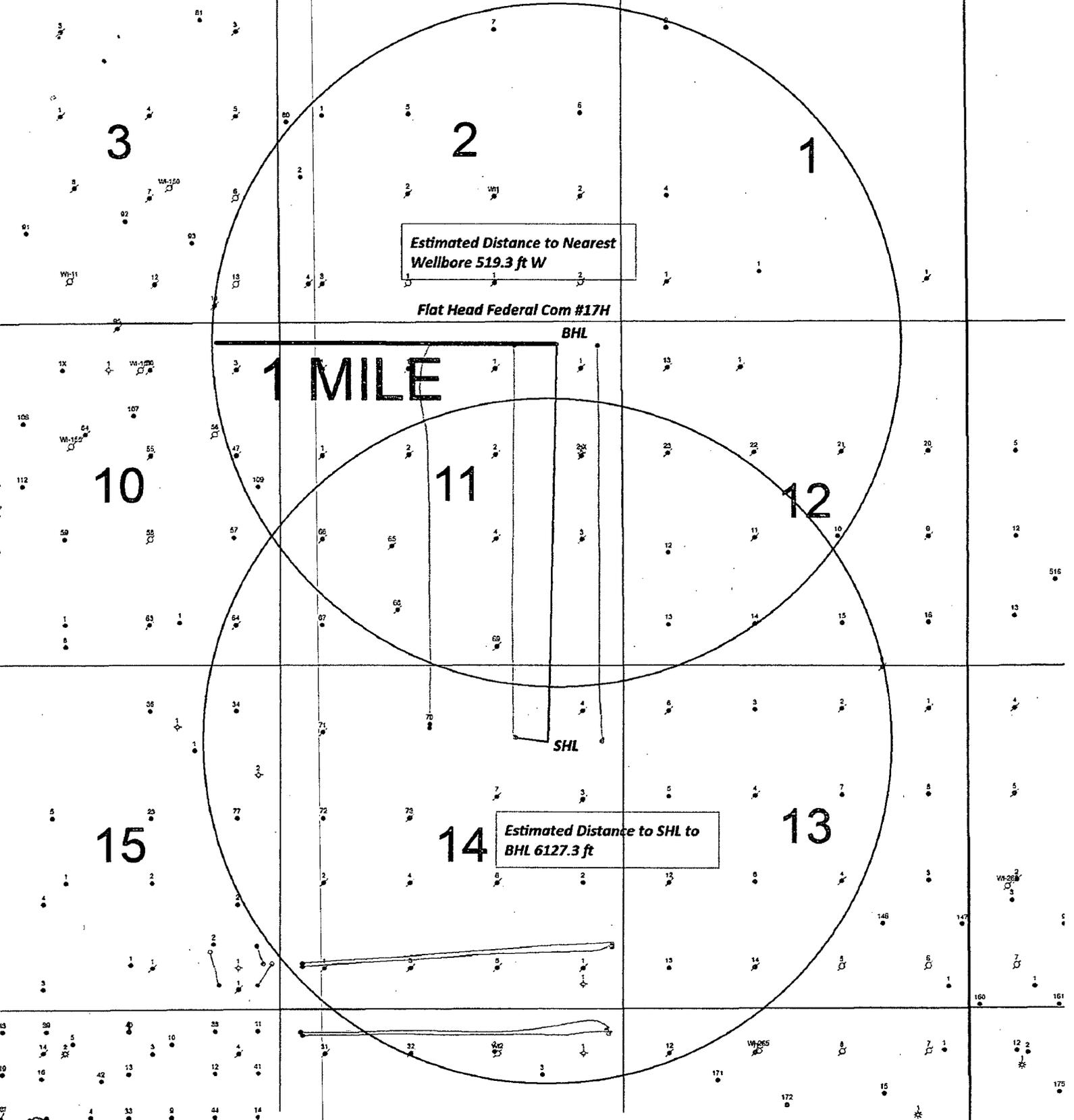
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NO.	REVISION	DATE
JOB NO.: LS1504162		
DWG. NO.: 1504162LVM		

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000
DATE: 5/1/15
SURVEYED BY: ML/ER
DRAWN BY: JC
APPROVED BY: RMH
SHEET : 1 OF 1



Estimated Distance to Nearest Wellbore 519.3 ft W

Flat Head Federal Com #17H

1 MILE

Estimated Distance to SHL to BHL 6127.3 ft



SENM Shelf Area
Flat Head Federal Com 17H

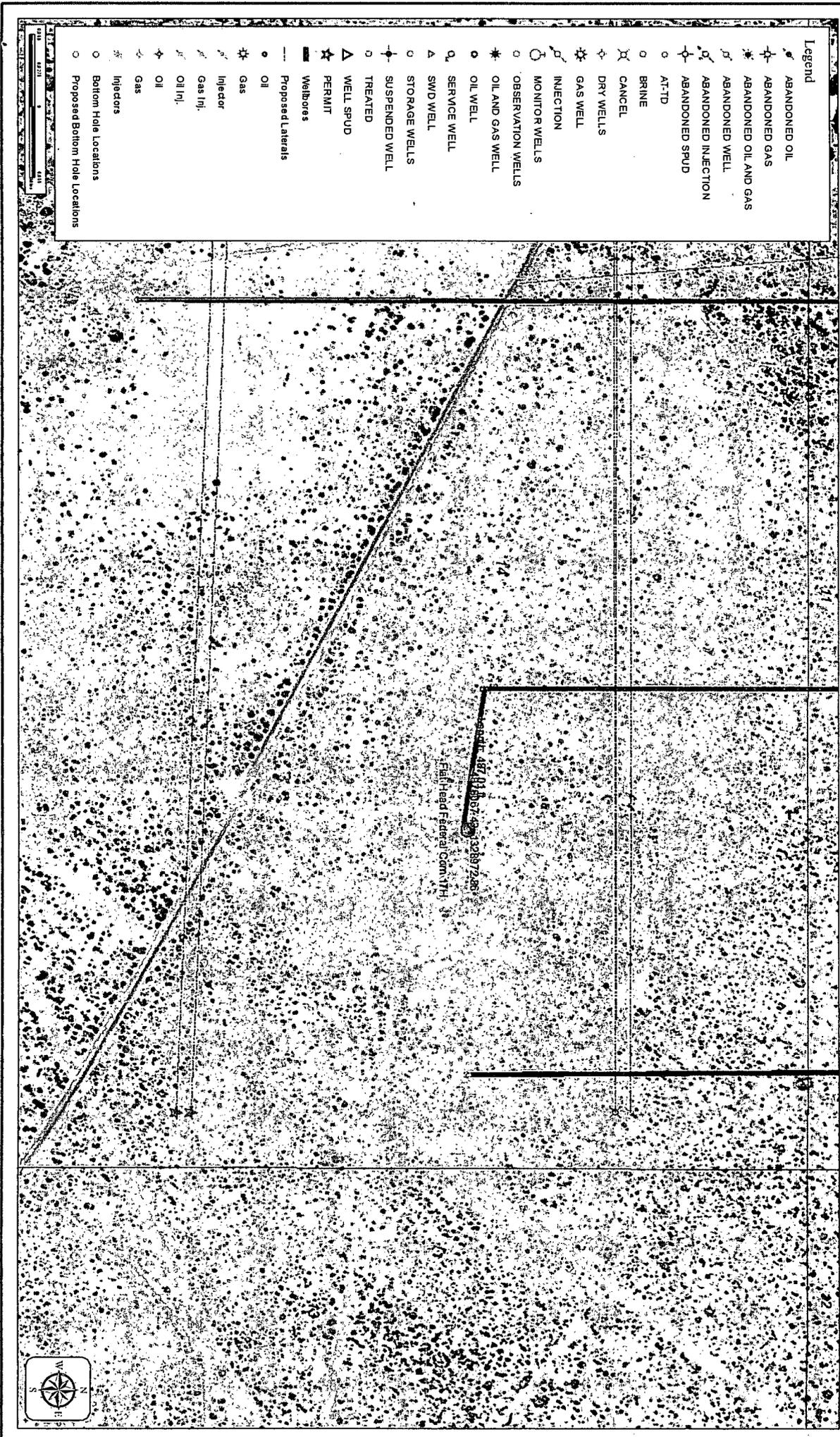
SEC. 14, T17S - R32E SHL 1190 FNL 1160 FEL, UNIT A
SEC. 11, T17S - R32E SHL 330 FNL 990 FEL, UNIT A

Author: ldm	Date: 18 May, 2015
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CONCHO

Flowline Map



Legend

- ABANDONED OIL
- ✱ ABANDONED GAS
- ✱ ABANDONED OIL AND GAS
- ✱ ABANDONED WELL
- ✱ ABANDONED INJECTION
- ✱ ABANDONED SPUD
- AT-TD
- BRINE
- ✱ CANCEL
- ✱ DRY WELLS
- ✱ GAS WELL
- ✱ INJECTION
- MONITOR WELLS
- OBSERVATION WELLS
- ✱ OIL AND GAS WELL
- OIL WELL
- SERVICE WELL
- △ SWD WELL
- STORAGE WELLS
- SUSPENDED WELL
- TREATED
- △ WELL SPUD
- ★ PERMIT
- Wellbores
- Proposed Laterals
- Oil
- ✱ Gas
- ✱ Injector
- ✱ Gas Inf.
- ✱ Oil Inj.
- ✱ Oil
- ✱ Gas
- ✱ Injectors
- Bottom Hole Locations
- Proposed Bottom Hole Locations



0 1000 2000