

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 395-6161 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 RD., 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, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

SEP 22 2014

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION

API Number 30-025- 42-139	Pool Code 41460	Pool Name Lusk; Bone Spring, South
Property Code 40118	Property Name NIGHTCAP 6 FED	Well Number 4H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3498.5

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	31	19-S	32-E		520	SOUTH	280	WEST	LEA

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
7	6	20-S	32-E		330	SOUTH	380	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
156.66			

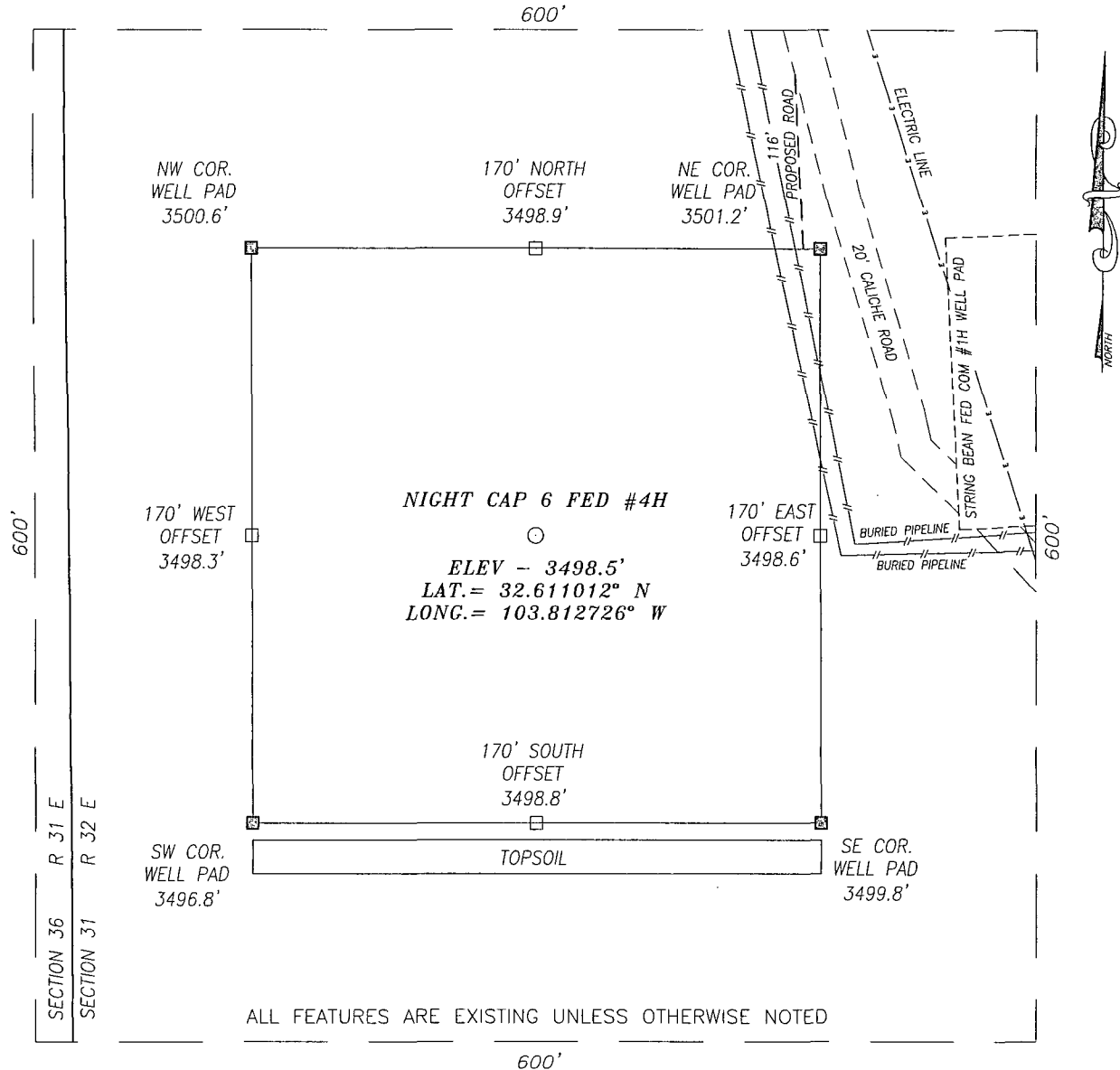
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 1 39.97 Ac. LOT 2 39.70 Ac. LOT 3 39.81 Ac. LOT 4 39.70 Ac. LOT 5 41.08 Ac. LOT 6 41.71 Ac. LOT 7 42.25 Ac. SECTION 31 T 19 S SECTION 6 T 20 S LOT 1 39.08 Ac. LOT 5 39.87 Ac. LOT 6 39.87 Ac. LOT 7 39.92 Ac. GRID AZ - 178°41'14" HORZ. DIST. - 5,469.3 NNMM107392 Y=587193.2 N X=660021.6 E Y=587208.1 N X=661323.6 E Y=580590.6 N X=660053.8 E Y=580595.7 N X=661359.4 E NAD 27 SURFACE LOCATION Y=586390.0 N X=660307.0 E LAT.=32.611012° N LONG.=103.812726° W NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=580922.1 N X=660432.3 E LAT.=32.595980° N LONG.=103.812406° W	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Melanie J Parker Printed Name mparker@concho.com E-mail Address 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. DECEMBER 14, 2013 Date of Survey Signature & Seal of Professional Surveyor Certificate No. CHAD HARCROW 17777 W.O. # 13-989 DRAWN BY: SP
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SECTION 31, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.,

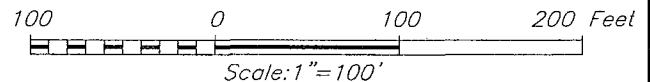
LEA COUNTY

NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF LUSK RD AND CR #126A (MALJAMAR RD) GO APPROX. 1.9 MILES SOUTH ALONG MALJAMAR RD; THEN TURN RIGHT (WEST) AND GO APPROX. 1.1 MILES; THEN TURN LEFT (SOUTH) AND GO APPROX. 0.5 MILE; THEN TURN LEFT (SOUTHEAST) AND GO APPROX. 0.25 MILE; THEN PROPOSED WELL IS 325 FEET SOUTHWEST.



HARCROW SURVEYING, LLC

2314 W. MAIN ST, ARTESIA, N.M. 88210
PH: (575) 513-2570 FAX: (575) 746-2158
chad_harcrow77@yahoo.com



COG OPERATING, LLC

NIGHTCAP 6 FED #4H WELL
LOCATED 520 FEET FROM THE SOUTH LINE
AND 280 FEET FROM THE WEST LINE OF SECTION 31,
TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

SURVEY DATE: 12/14/2013

PAGE: 1 OF 1

DRAFTING DATE: 12/17/2013

APPROVED BY: CH

DRAWN BY: SP

FILE: 13-989

LEGEND

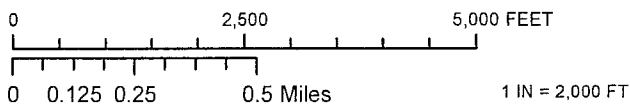
-  WELL
 WELLPAD
 EXISTING ROAD
 PROPOSED ROAD

WELL NAME: NIGHTCAP 6 FED #4H

SEC: 31 TWP: 19 S. RGE: 32 E. ELEVATION: 3498.5'

STATE: NEW MEXICO COUNTY: LEA 520' FSL & 280' FWL

W.O. # 13-989 LEASE: NIGHTCAP 6 FED SURVEY: N.M.P.M



LOCATION MAP

TOPO

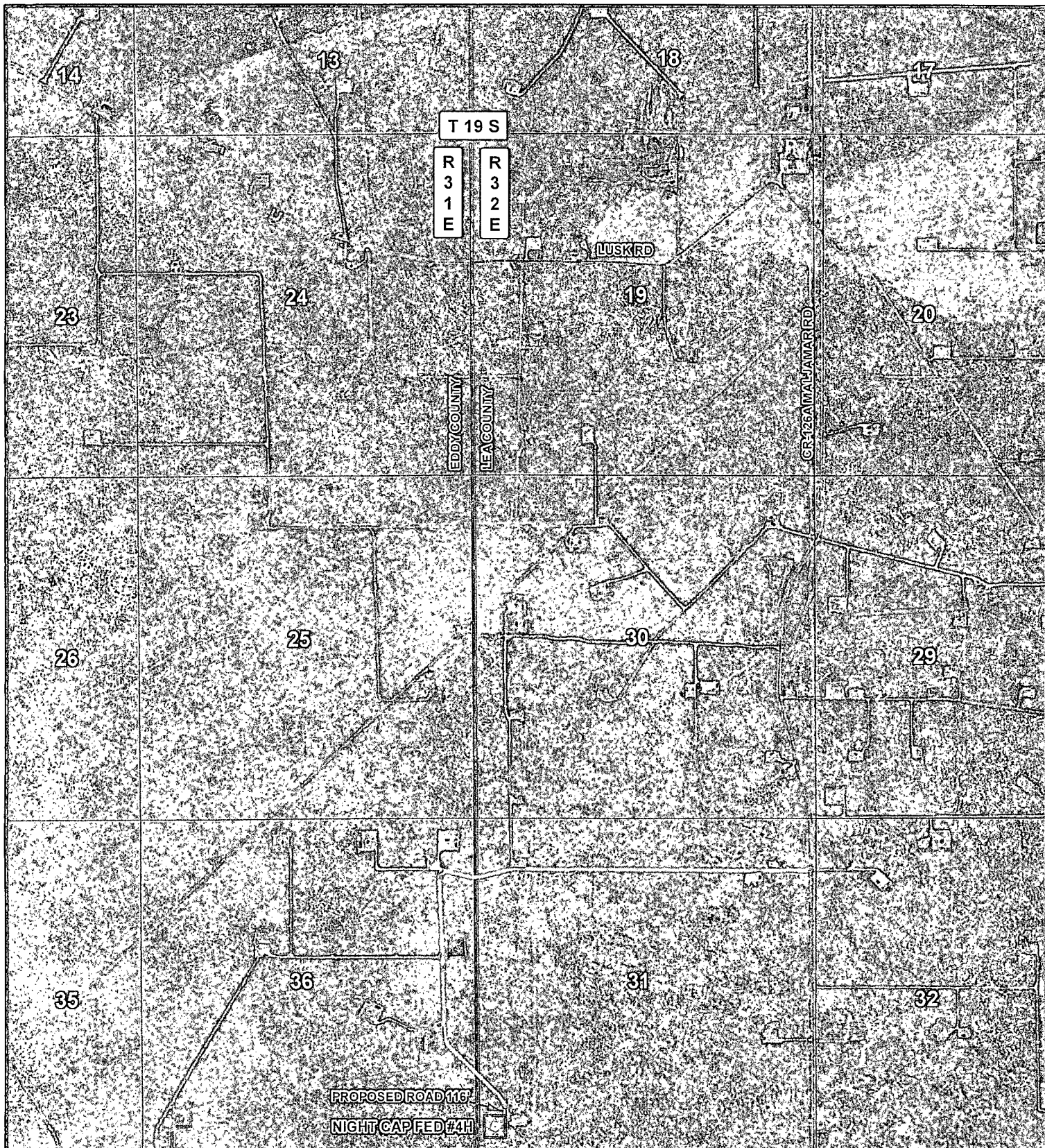
12/17/2013

S.P.



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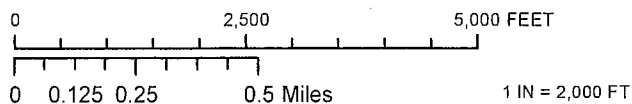


LEGEND

- WELL
- WELLPAD
- EXISTING ROAD
- PROPOSED ROAD

WELL NAME: NIGHTCAP 6 FED #4H

SEC: 31 TWP: 19 S. RGE: 32 E. ELEVATION: 3498.5'
 STATE: NEW MEXICO COUNTY: LEA 520' FSL & 280' FWL
 W.O. # 13-989 LEASE: NIGHTCAP 6 FED SURVEY: N.M.P.M



LOCATION MAP IMAGERY 12/17/2013 SP.

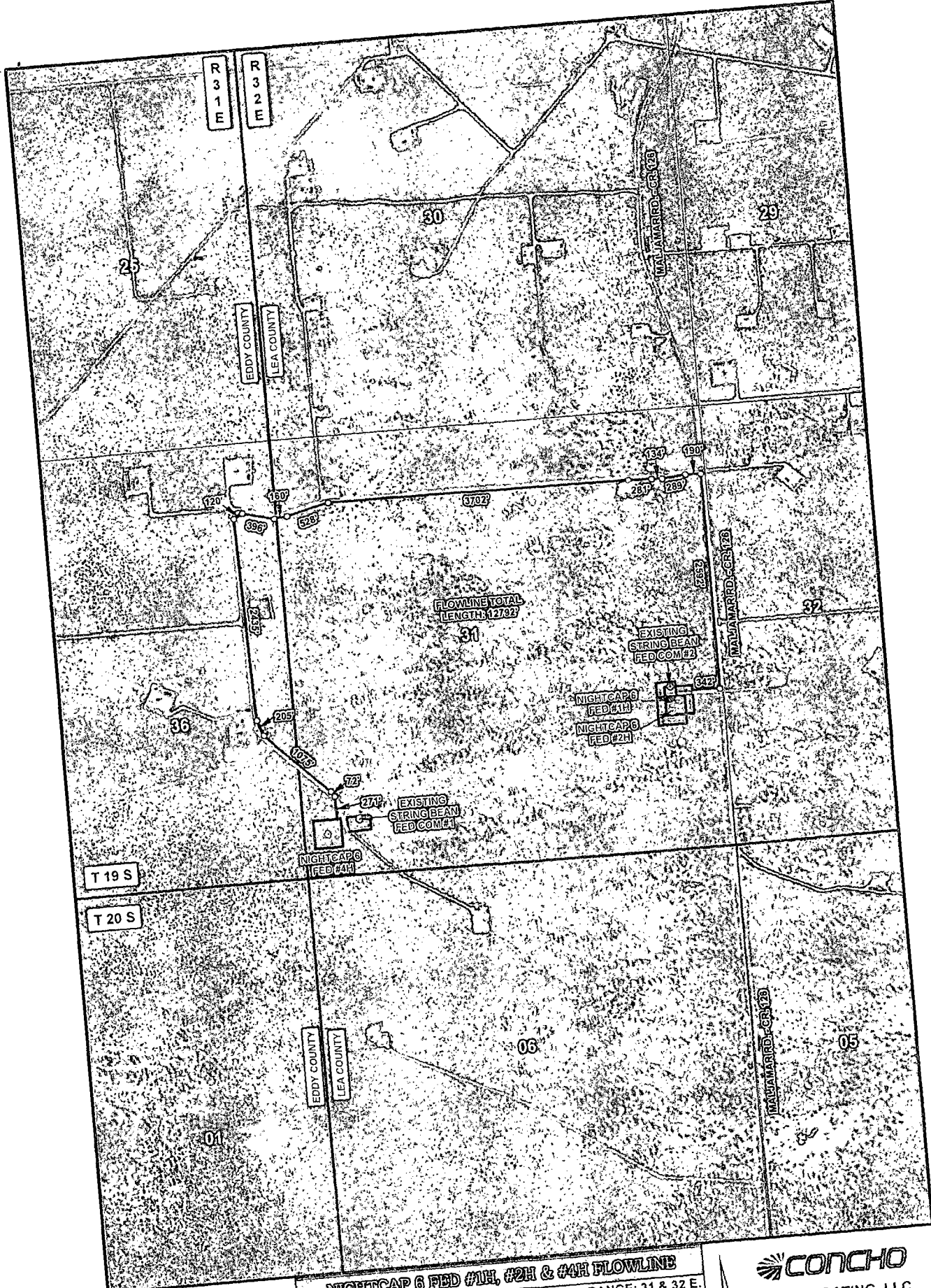


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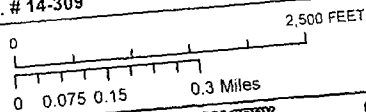


LEGEND

- BEND
- FLOWLINE
- EXISTING ROAD
- WELL
- WELLPAD

NIGHTCAP 6 FED #1H, #2H & #4H FLOWLINE

SECTIONS: 31 & 36 TOWNSHIP: 19 S. RANGE: 31 & 32 E.
 STATE: NEW MEXICO COUNTY: EDDY & LEA SURVEY: N.M.P.M
 W.O. # 14-309 LEASE: NIGHTCAP 6 FED



FLOWLINE MAP

NACBY

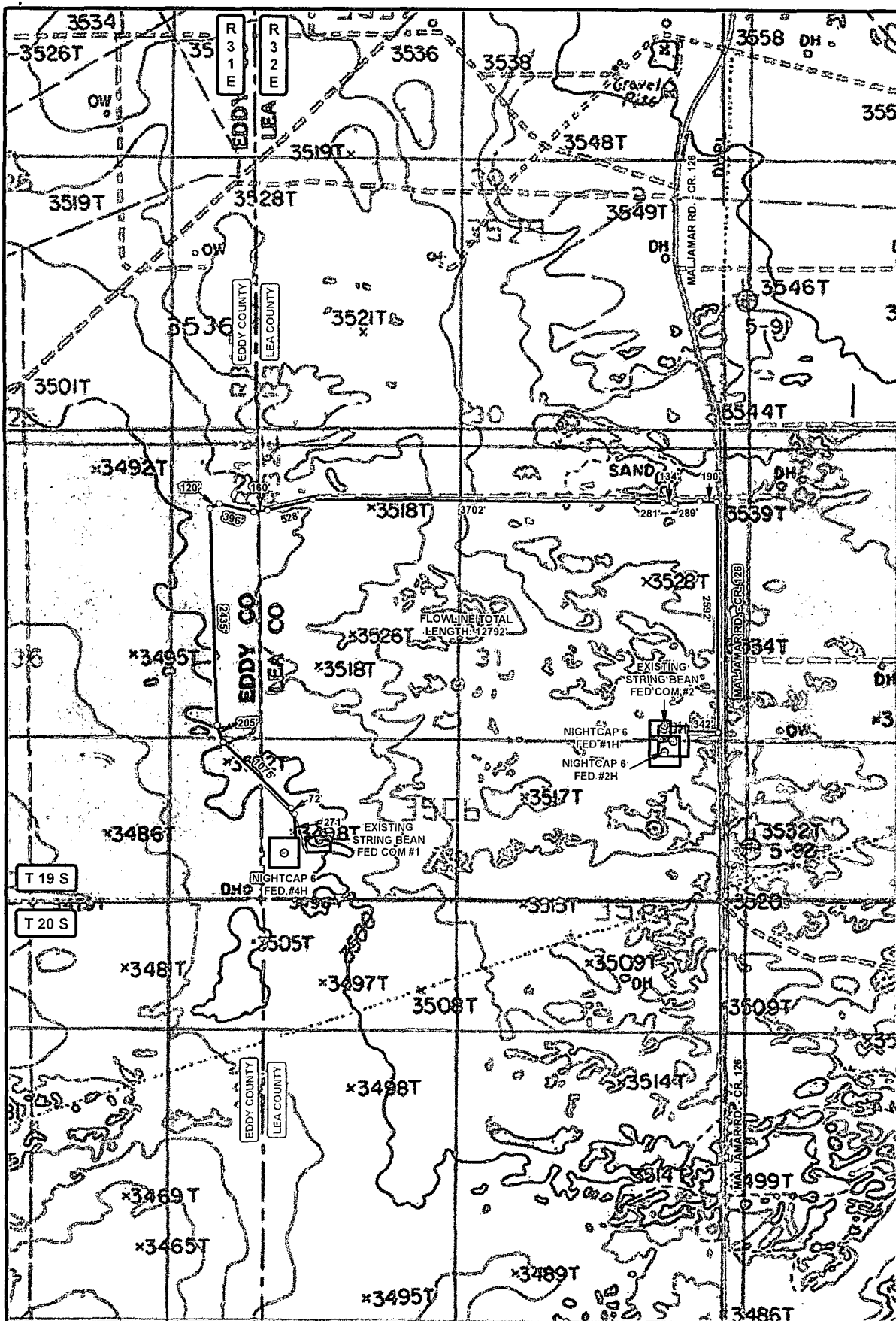
01/17/2014

SP.

CONCHO
 COG OPERATING, LLC

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 1807 WATSON, ARKESIAN N.M. 88219
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 chad_harcrow77@yahoo.com





LEGEND

- BEND
- FLOWLINE
- EXISTING ROAD
- WELL
- WELLPAD
- PRIVATE
- STATE OF NM
- US BLM

NIGHTCAP 6 FED #1H, #2H & #4H FLOWLINE

SECTIONS: 31 & 36 TOWNSHIP: 19 S. RANGE: 31 & 32 E.

STATE: NEW MEXICO COUNTY: EDDY & LEA SURVEY: N.M.P.M

W.O. # 14-309

LEASE: NIGHTCAP 6 FED

0 2,500 FEET

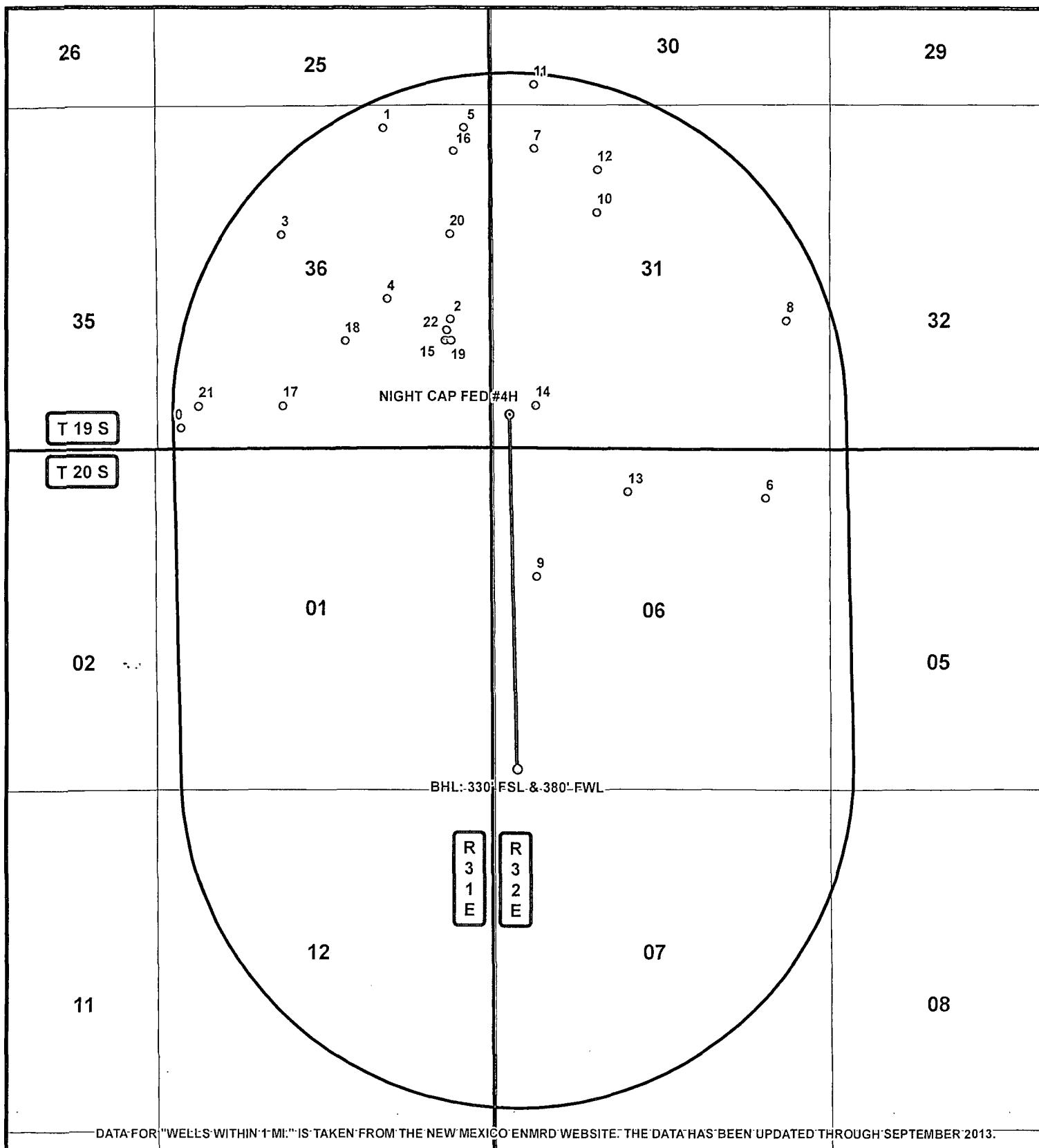
0 0.075 0.15 0.3 Miles 1 IN = 1,250 FT

FLOWLINE MAP LAND STATUS 04/17/2014 SP.

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DATA FOR "WELLS WITHIN 1 MI." IS TAKEN FROM THE NEW MEXICO ENMRD WEBSITE. THE DATA HAS BEEN UPDATED THROUGH SEPTEMBER 2013.

LEGEND

- WELL
- BOTTOMHOLE
- WELLS WITHIN 1 MI.

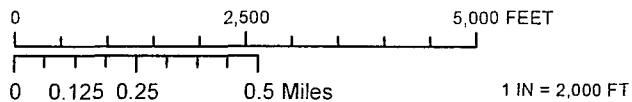
1 MI. BUFFER

WELL NAME: NIGHTCAP 6 FED #4H

SEC: 31 TWP: 19 S. RGE: 32 E. ELEVATION: 3498.5'

STATE: NEW MEXICO COUNTY: LEA 520' FSL & 280' FWL

W.O. # 13-989 LEASE: NIGHTCAP 6 FED SURVEY: N.M.P.M



1 MILE MAP

12/17/2013

S.P.

CONCHO

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