

HOBBS OCD

District I
1425 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 348-1283 Fax: (505) 348-9720
District III
1000 Rio Grande Blvd., Artesia, NM 88210
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

MAY 16 2014

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

API Number 30-025-43256	Pool Code 98180	WC-0256-09 5253309P-UPR WC
Property Code 316226	Property Name HARLEY "17" FEDERAL	WC NUMBER 1H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3420.3'

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	17	25 SOUTH	33 EAST, N.M.P.M.		360'	SOUTH	550'	EAST	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
A	17	25 SOUTH	33 EAST, N.M.P.M.		180'	NORTH	550'	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160	N		

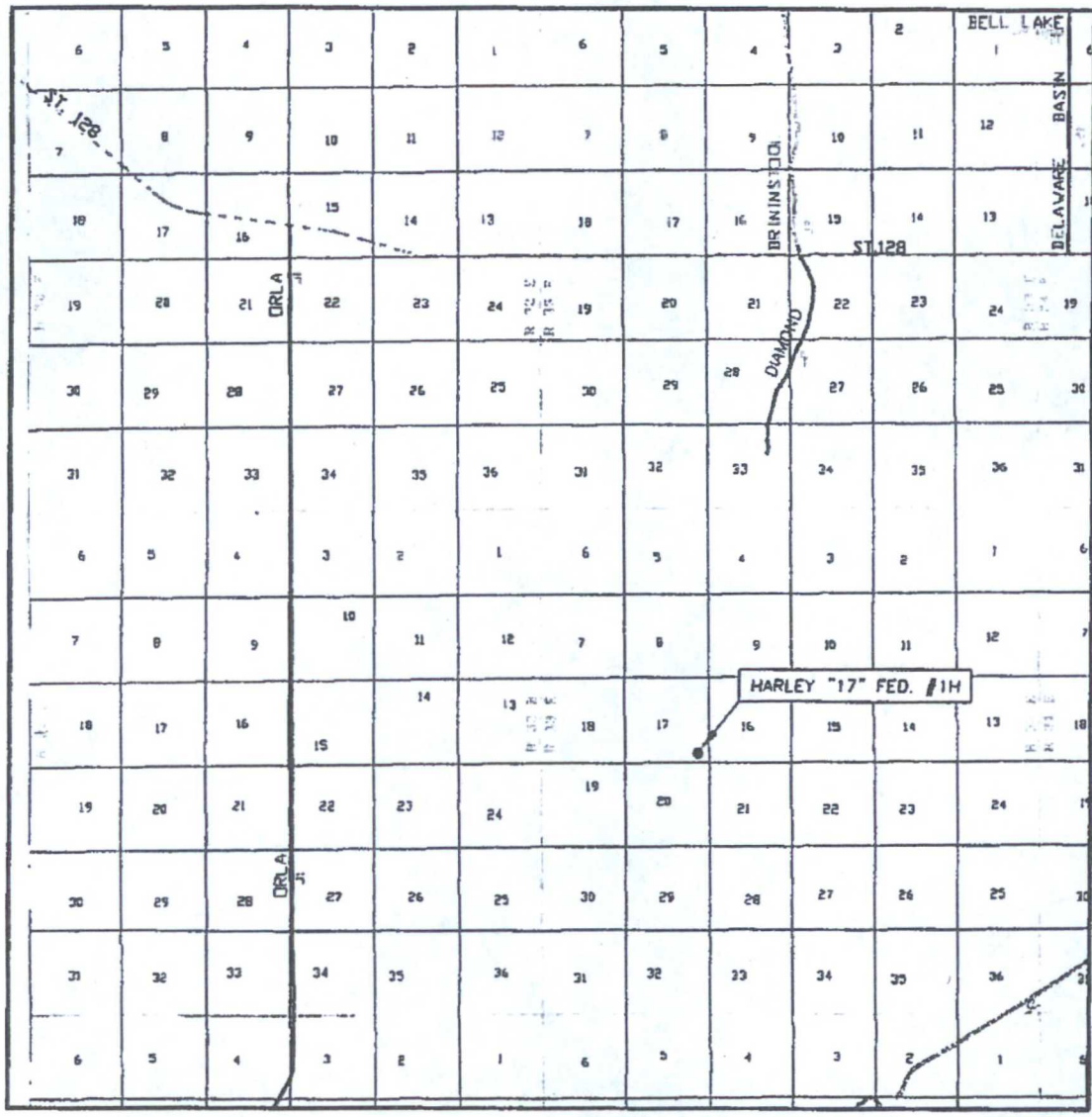
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=414447.6 X=730999.8 LAT.: N 32.1372331° LONG.: W 103.5870554° LAST TAKE POINT NEW MEXICO EAST NAD 1927 Y=414297.6 X=731000.8 LAT.: N 32.1368208° LONG.: W 103.5870556° SURFACE LOCATION & FIRST TAKE POINT NEW MEXICO EAST NAD 1927 Y=409708.1 X=731000.8 LAT.: N 32.1242046° LONG.: W 103.5870638°	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 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>David Stewart</i> Date: <i>11/23/15</i> Printed Name: <i>David Stewart</i> E-mail Address: <i>David.Stewart@oxy.com</i>
	SURVEYOR CERTIFICATION I hereby certify that the plat and location shown on this plat was prepared from a true and correct survey made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <i>MARCH 1, 2012</i> Signature and Seal: <i>Terry J. Neal</i> Professional Surveyor Certificate Number: <i>15079</i>
	WOF 120301WL-a (Rev. B) (KA)

FM

VM

VICINITY MAP



SEC. 17 TWP. 25-S RGE. 33-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 360' FSL & 550' FEL
 ELEVATION 3420.3'
 OPERATOR OXY USA INC.
 LEASE HARLEY "17" FED. #1H

SCALE: 1" = 2 MILES

Asel Surveying

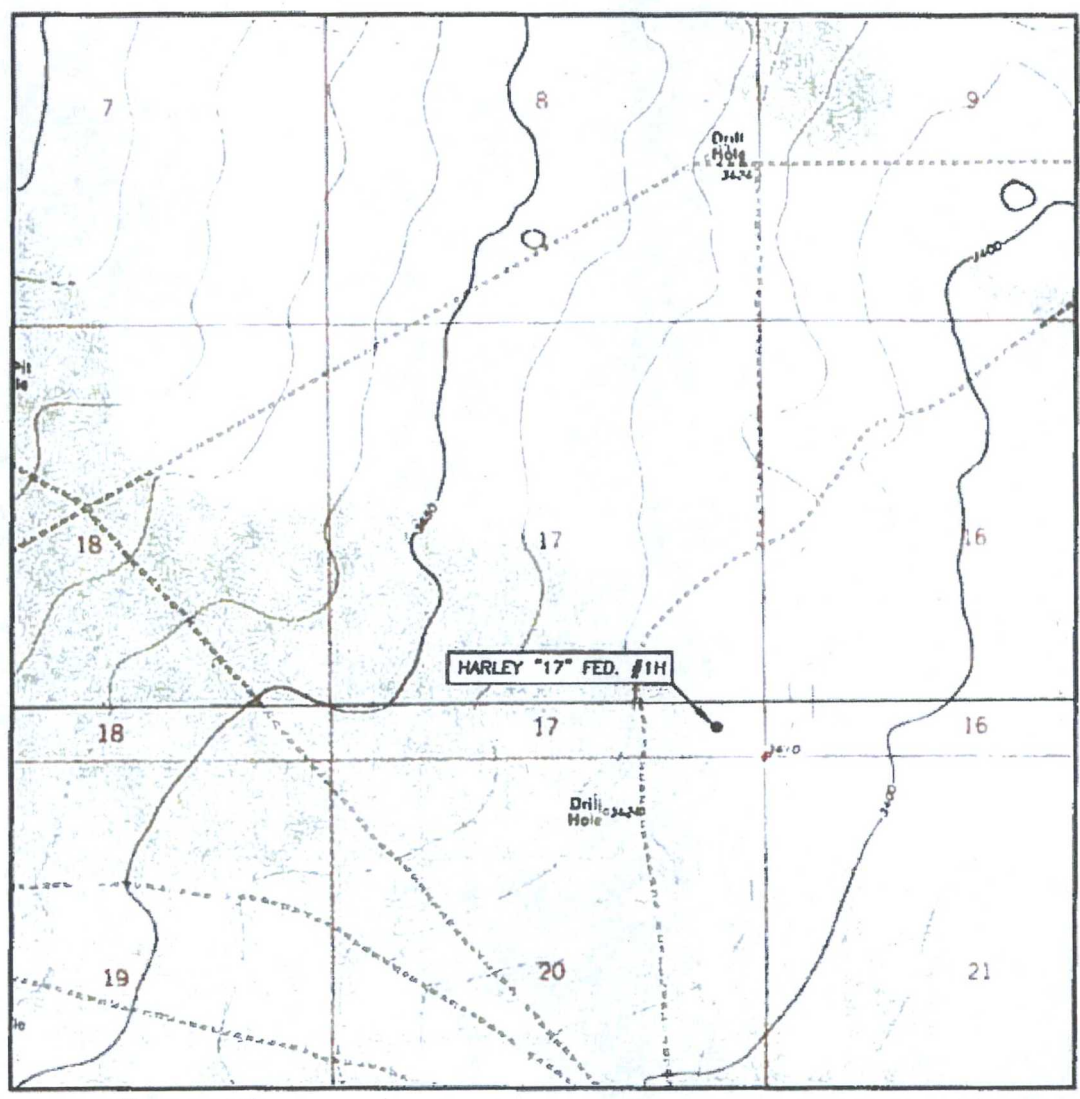


P.O. BOX 393 - 310 W. TAYLOR
 HOBBS, NEW MEXICO - 575-393-9146

DIRECTIONS BEGINNING AT THE INTERSECTION OF HWY. #128 AND COUNTY ROAD #J2 (DIAMOND ROAD), GO SOUTH ON COUNTY ROAD #J2 FOR 2.6 MILES, CONTINUE SOUTH ON CALICHE ROAD FOR 1.8 MILES, TURN RIGHT AND GO SOUTHWEST FOR 2.5 MILES, TURN RIGHT ON PROPOSED ROAD AND GO WEST FOR 343.4 FEET TO LOCATION.

LVM

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

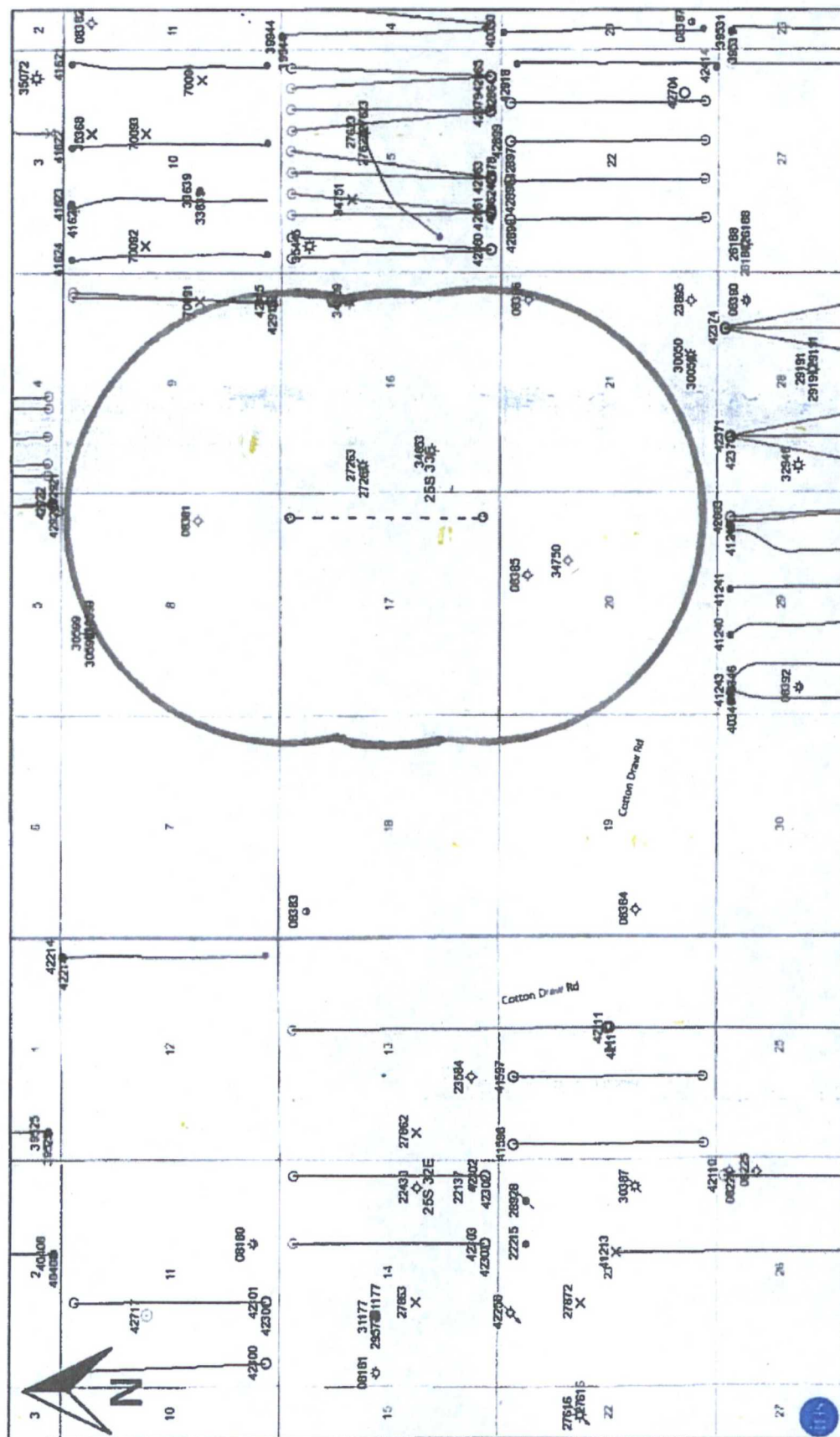
CONTOUR INTERVAL: 10'

SEC. 17 TWP. 25-S RGE. 33-E
SURVEY N.M.P.M.
COUNTY LEA
DESCRIPTION 360' FSL & 550' FEL
ELEVATION 3420.3'
OPERATOR OXY USA INC.
LEASE HARLEY 17 FED. #1H
U.S.G.S. TOPOGRAPHIC MAP
PADUCA BREAKS EAST, N.M.

Asel Surveying
P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

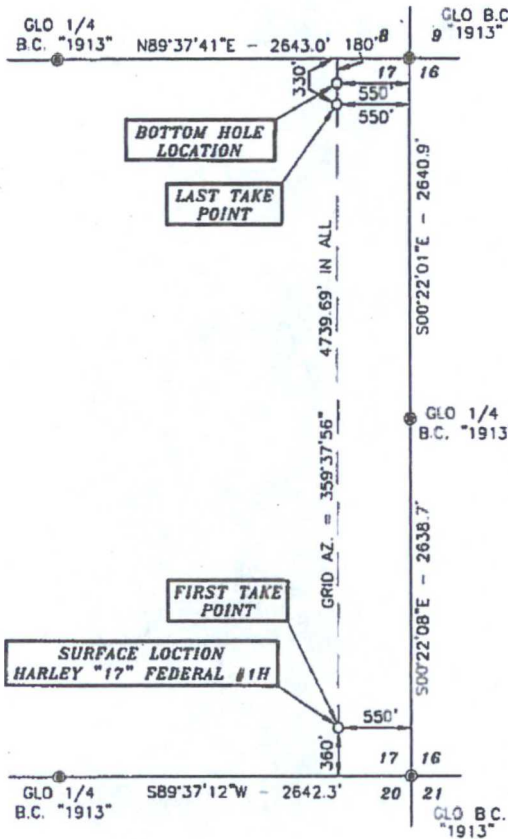


1 mile AOR

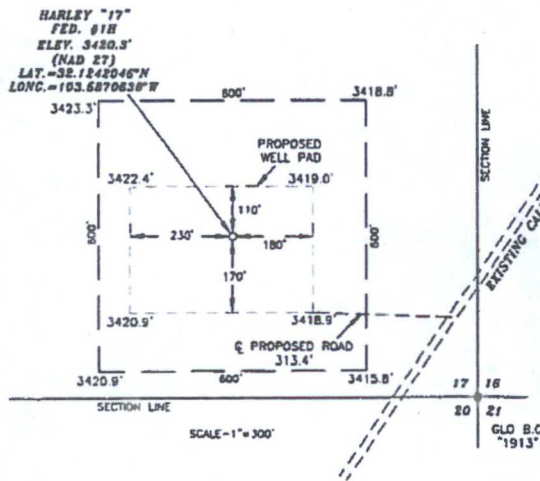


Site Plan - Location

SECTION 17, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY
NEW MEXICO



Basis of Bearings - GPS Geospatial Measurements
NAD East Zone (83) North American Datum of 1983



DRIVING DIRECTIONS:
BEGINNING AT THE INTERSECTION OF N.M.
STATE HWY. #128 AND COUNTY ROAD #J2
(DIAMOND ROAD), GO SOUTH ON COUNTY
ROAD #J2 FOR 2.6 MILES, CONTINUE
SOUTH ON CALICHE ROAD FOR 1.8 MILES,
TURN RIGHT AND GO SOUTHWEST FOR 2.5
MILES, TURN RIGHT ON PROPOSED ROAD
AND GO WEST FOR 313.4 FEET TO
LOCATION.

LEGEND

⊙ - DENOTES FOUND MONUMENT AS NOTED

SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

Terry J. Asel 10/23/2014
Terry J. Asel, N.M.P.E.S. No. 15079

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146

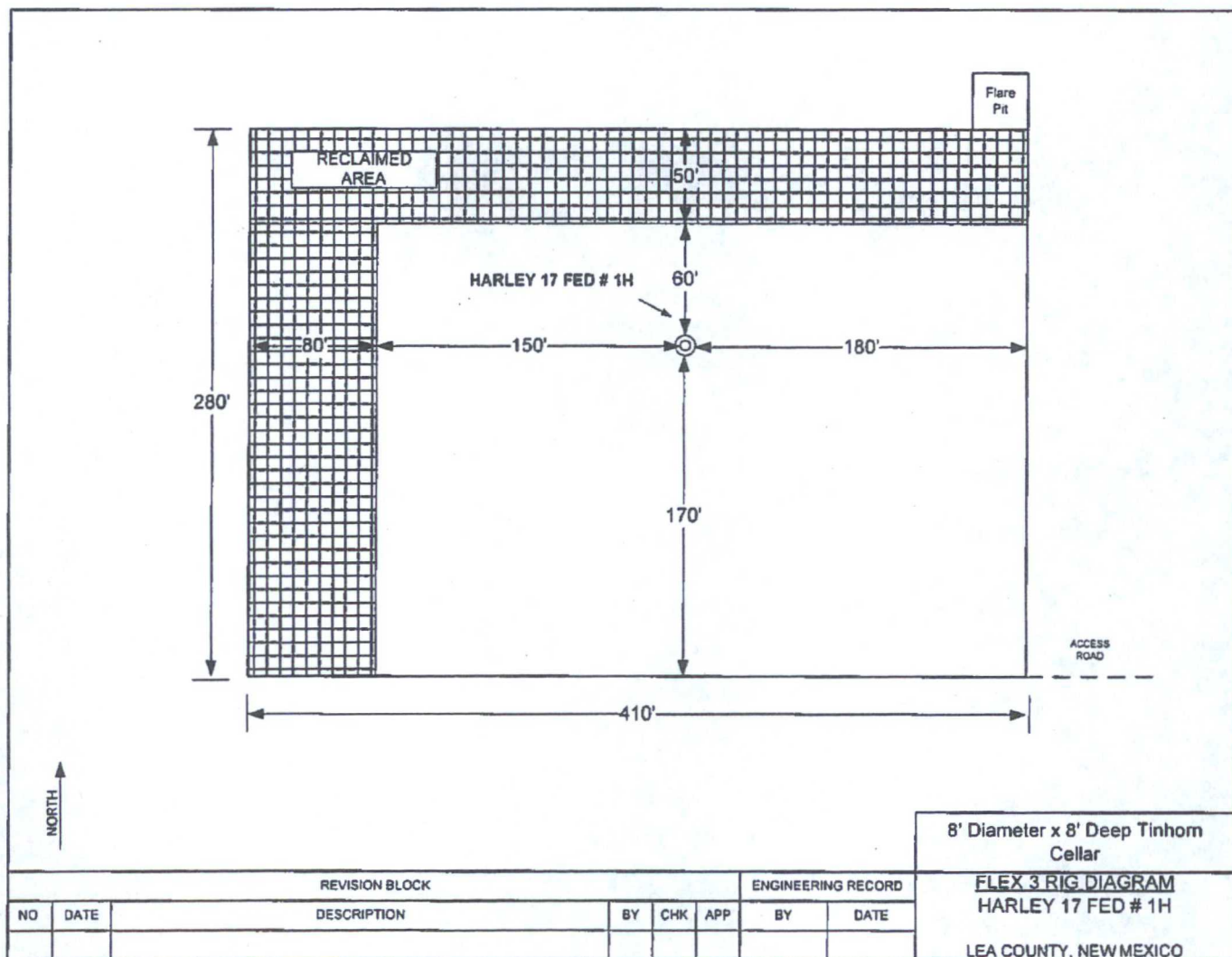


OXY USA INC.

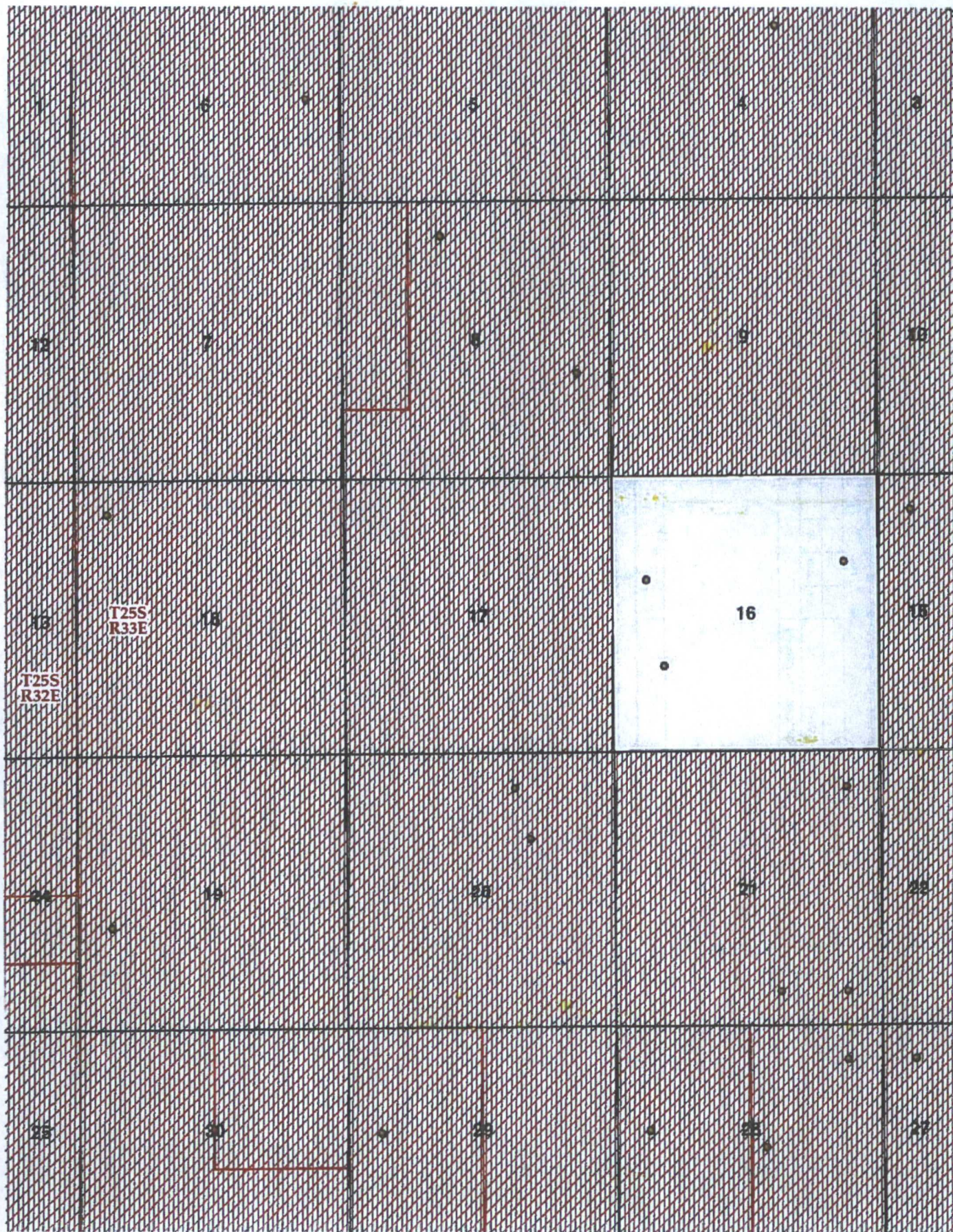
HARLEY "17" FEDERAL #1H LOCATED AT
360' FSL & 550' FEL IN SECTION 17,
TOWNSHIP 25 SOUTH, RANGE 33 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 03/01/12	Sheet 1 of 1 Sheets
W.O. Number: 120301WL-a (Rev. B)	Drawn By: KA Rev: B
Date: 10/20/14	120301WL-a Scale: 1"=1000'

Rig/Reclamation Diagram



VDNR EAST



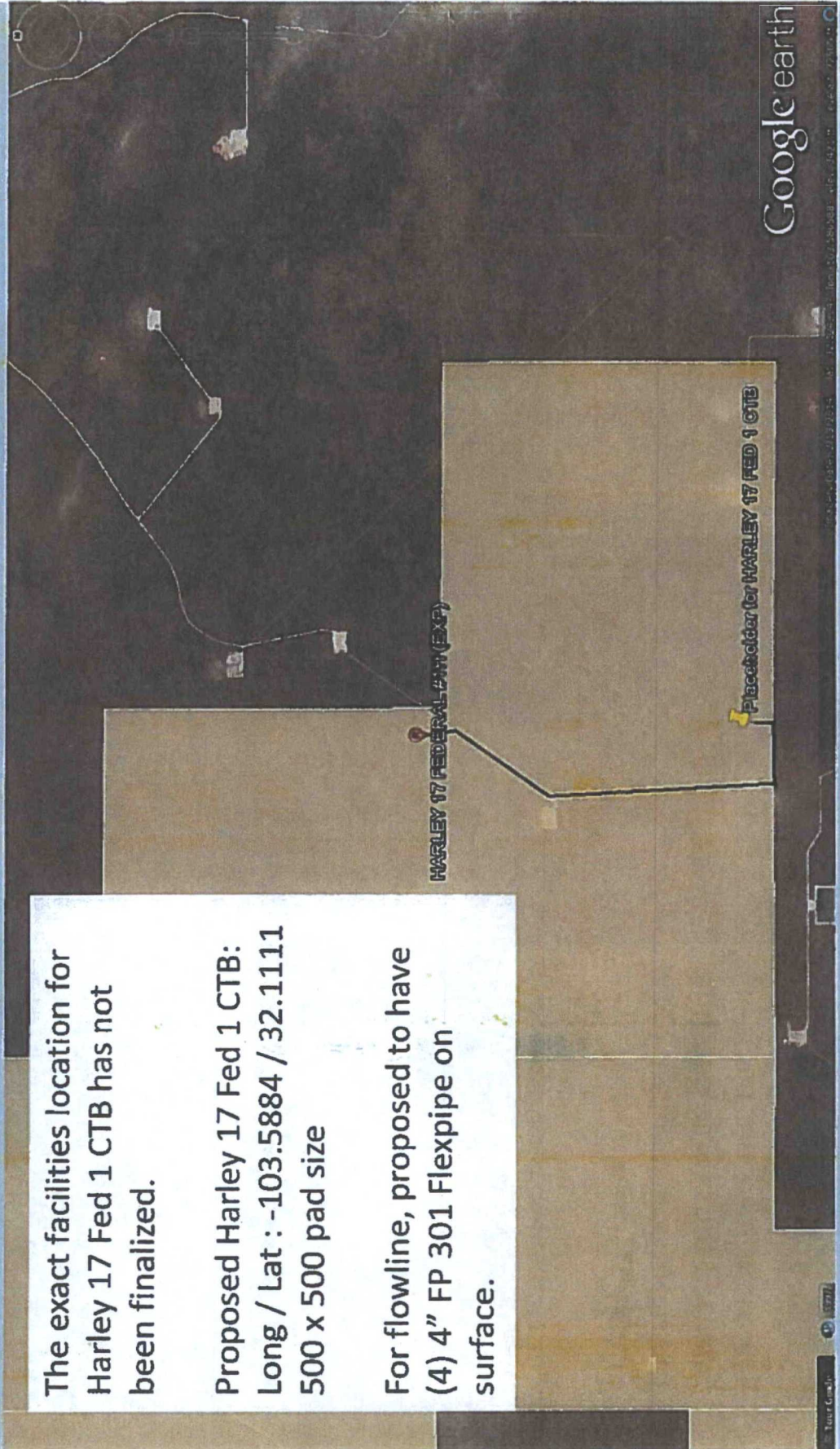
Proposed Flowline

Harley 17 Fed 1 Hz to Harley 17 Fed 1 CTB (Proposed Flowline Route)

The exact facilities location for Harley 17 Fed 1 CTB has not been finalized.

Proposed Harley 17 Fed 1 CTB:
Long / Lat : -103.5884 / 32.1111
500 x 500 pad size

For flowline, proposed to have (4) 4" FP 301 Flexpipe on surface.



Harley 17 Fed 1 CTB to Water Tie-In Point (Proposed Water Tie-In Route)

Contracts have not been finalized. However, potential water tie-in point shown to the Mesquite SWD Trunk line.

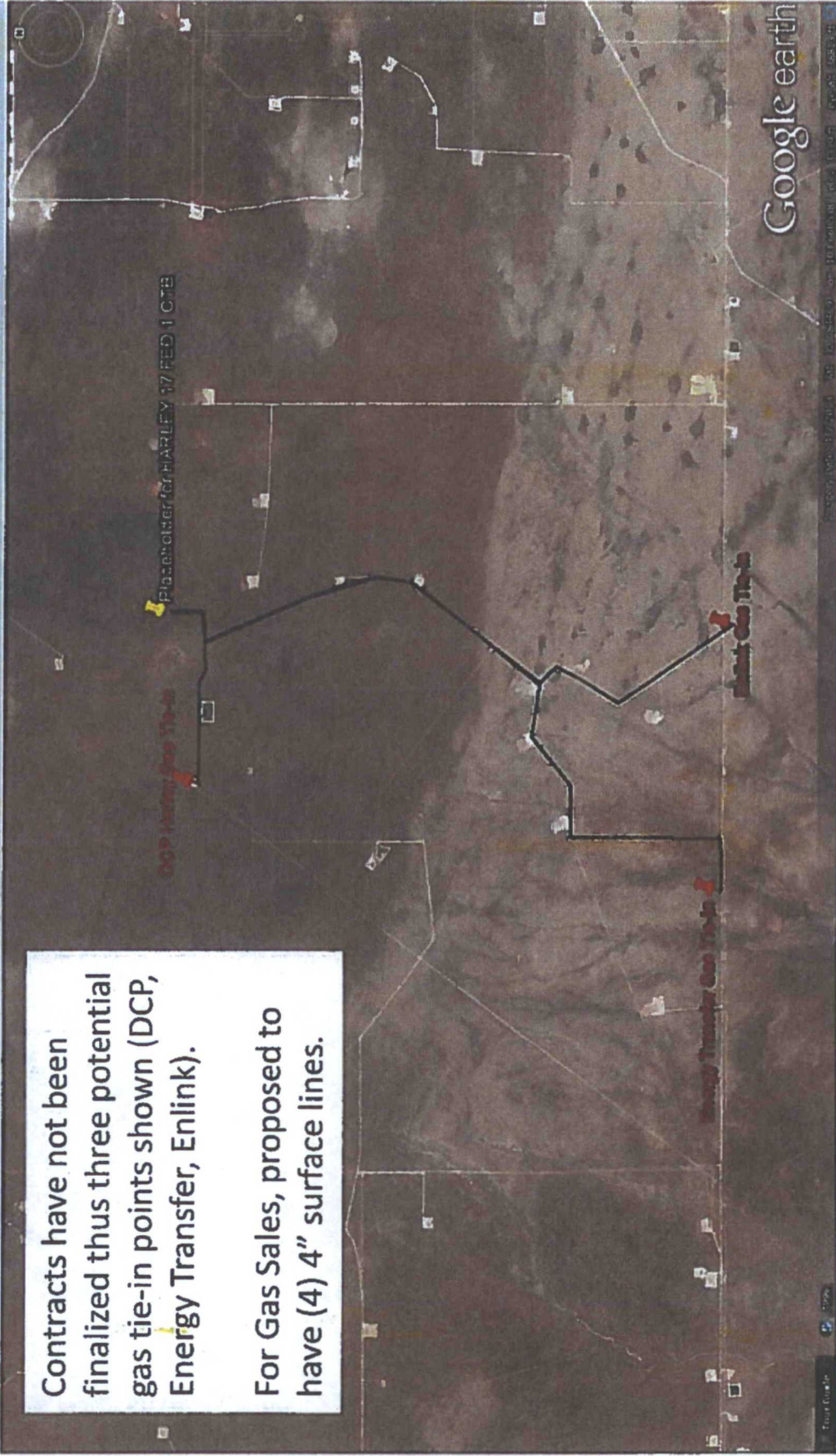
For SWD line, proposed to have (4) 4" surface lines.



Harley 17 Fed 1 CTB to Gas Tie-In Points (Proposed Gas Tie-In Route)

Contracts have not been finalized thus three potential gas tie-in points shown (DCP, Energy Transfer, Enlink).

For Gas Sales, proposed to have (4) 4" surface lines.

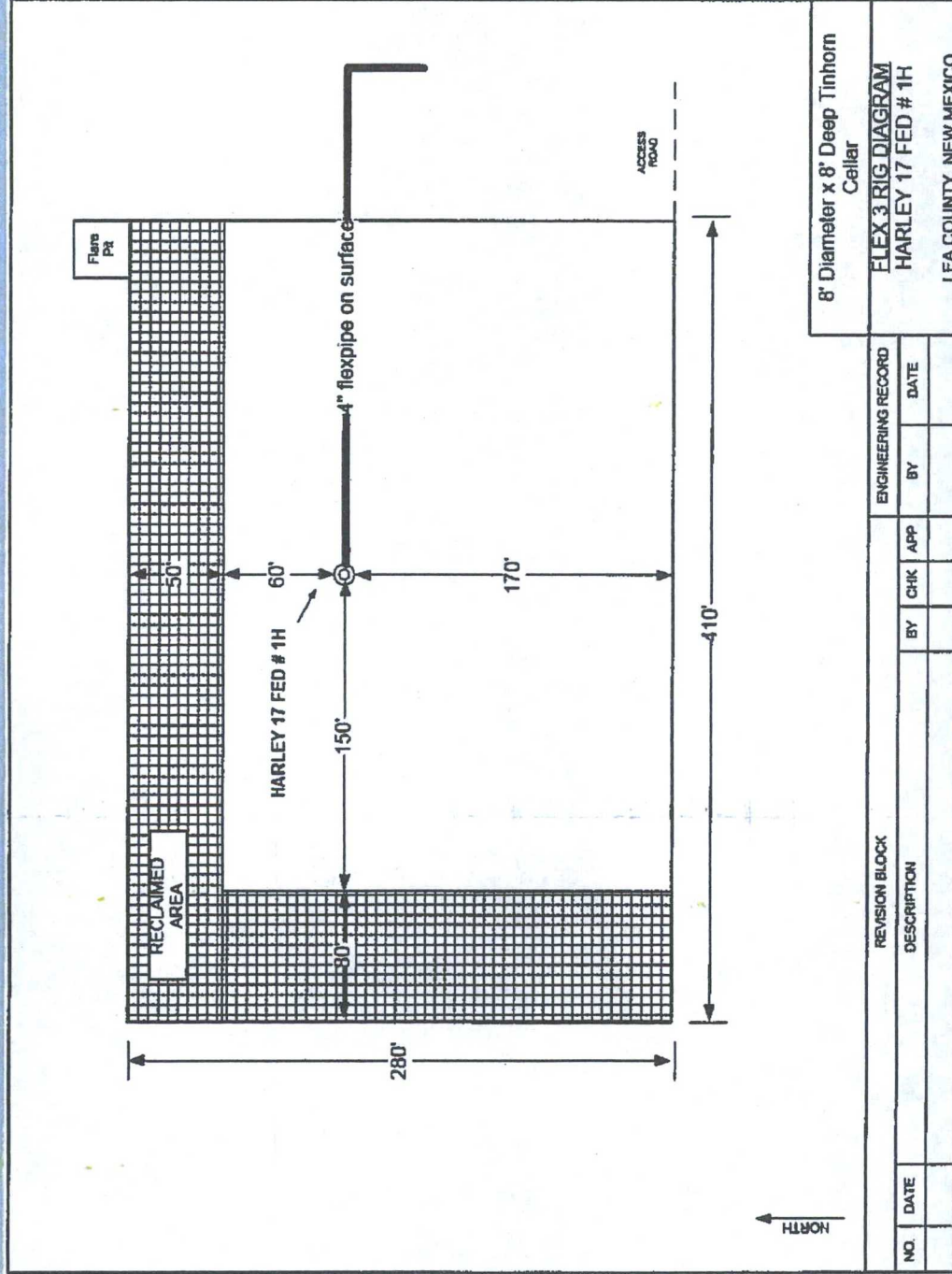


Google earth

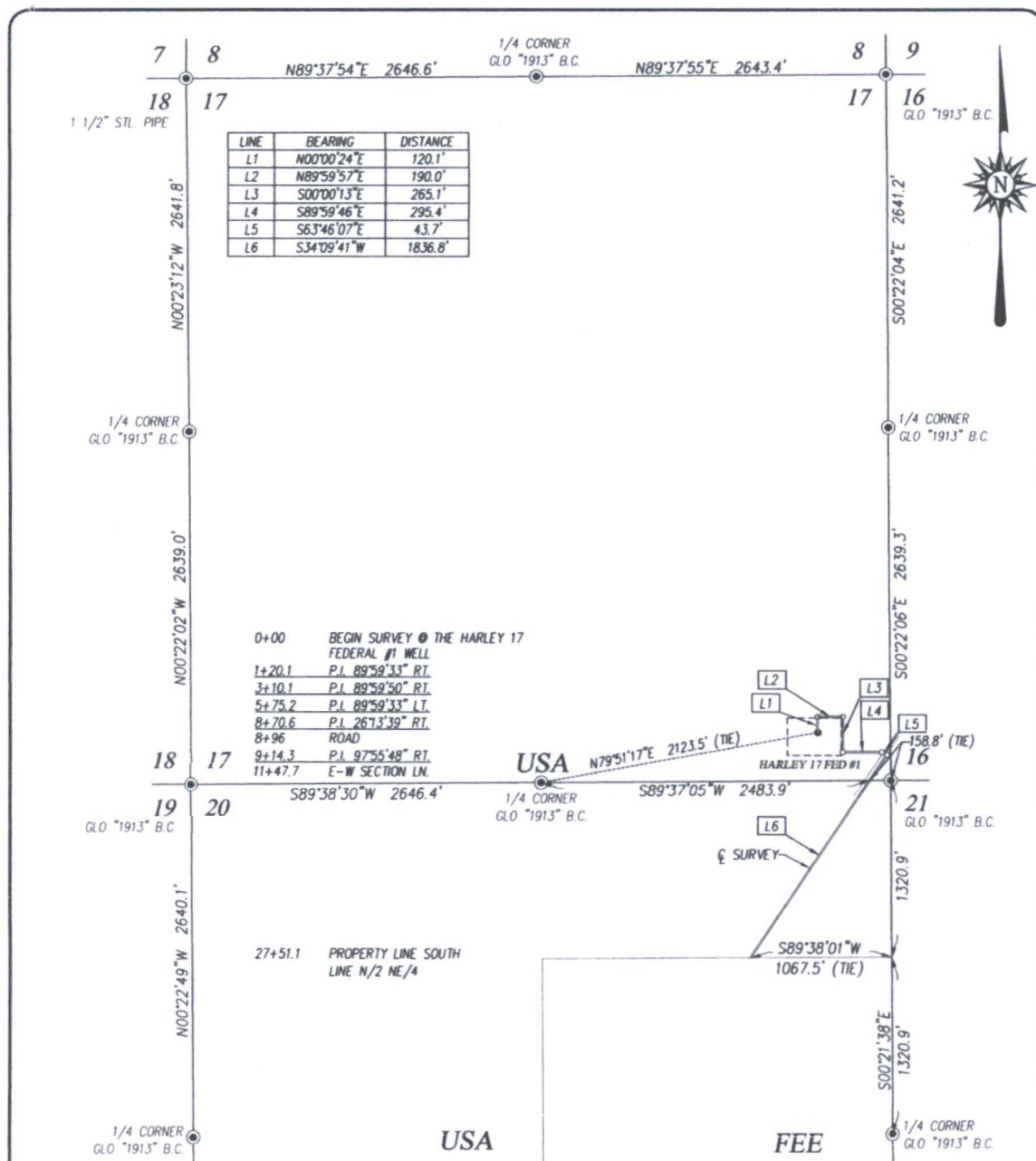


Harley 17 Fed 1 Hz to Harley 17 Fed 1 CTB (Proposed Flowline Route)

Proposed Flowline



- (4) 4" FP 301 Flexpipe on surface routed to proposed Harley 17 Fed 1 CTB. (2) flowline and (2) gas lift line.



DESCRIPTION

SURVEY FOR A STRIP OF LAND 30.0 FEET WIDE AND 2751.1 FEET OR 0.521 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 17 & 20, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.

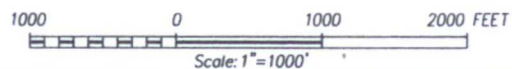
I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON

DATE: 01/12/2016

LEGEND

● DENOTES FOUND CORNER AS NOTED



OXY U.S.A. INC.

SURVEY FOR A PIPELINE TO THE HARLEY 20 CTB
 CROSSING SECTIONS 17 & 20,
 TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, NEW MEXICO



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000

Survey Date: 12/21/15	CAD Date: 1/11/16	Drawn By: ACK
W.O. No.: 15111125	Rev.:	Rel. W.O.:
		Sheet 1 of 1

18 17 16
19 20 21
Q.O. "1913" B.C. Q.O. "1913" B.C. Q.O. "1913" B.C.
N89°38'30"E 2646.4' N89°37'05"E 2642.8' N89°35'13"W 2644.4'

27+51.1 PROPERTY LINE SOUTH
LINE N/2 NE/4
32+09.8 P.L. 28°36'20" LT.
32+55.5 P.L. 13°33'07" LT.
37+40.2 P.L. 11°34'03" RL
39+22.6 P.L. 04°41'24" LT.
42+09.6 P.L. 08°17'32" RL
46+57.0 P.L. 08°38'12" RL
49+03.9 P.L. 12°45'05" LT.
52+20.4 P.L. 08°30'45" RL
54+41.0 P.L. 02°34'46" RL
57+25.4 P.L. 86°12'24" LT.
59+20 FENCE LN.
63+09.1 P.L. 32°58'53" RL
70+46.5 N-S SECTION LN.
74+08.3 P.L. 82°55'40" RL
74+21.3 END SURVEY AT NW CORNER OF HARLEY 20 CTB

1/4 CORNER
Q.O. "1913" B.C.

Q.O. "1913" B.C.

30 29 20

S89°35'13"W 2644.4'

1/4 CORNER
Q.O. "1913" B.C.

S89°42'41"W 2644.7'

29 28

Q.O. "1913" B.C.



LINE	BEARING	DISTANCE
L1	S34°09'41"W	458.7'
L2	S05°13'21"W	45.7'
L3	S08°19'46"E	484.7'
L4	S03°31'17"W	182.4'
L5	S01°18'07"E	287.0'
L6	S06°35'39"E	447.4'
L7	S03°02'33"W	246.9'
L8	S09°42'32"E	316.5'
L9	S01°11'49"E	220.6'
L10	S03°46'37"E	284.4'
L11	S89°39'01"E	247.0'
L12	S57°00'08"E	936.7'
L13	N69°31'02"E	497.2'
L14	S00°13'18"E	15.0'

DESCRIPTION
SURVEY FOR A PIPELINE CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTH LINE OF THE S/2 OF THE NE/4 OF SECTION 20, WHICH LIES N00°21'38"W 1329.9 FEET AND S89°38'01"W 1067.5 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION 20; THEN S34°09'41"W 458.7 FEET; THEN S05°13'21"W 45.7 FEET; THEN S08°19'46"E 484.7 FEET; THEN S03°31'17"W 182.4 FEET; THEN S01°18'07"E 287.0 FEET; THEN S06°35'39"E 447.4 FEET; THEN S03°02'33"W 246.9 FEET; THEN S09°42'32"E 316.5 FEET; THEN S01°11'49"E 220.6 FEET; THEN S03°46'37"E 284.4 FEET; THEN S89°39'01"E 247.0 FEET; THEN S57°00'08"E 936.7 FEET; THEN N69°31'02"E 497.2 FEET; THEN S00°13'18"E 15.0 FEET TO A POINT, WHICH LIES N32°55'55"E 655.2 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 21.

TOTAL LENGTH EQUALS 4670.2 FEET OR 283.04 RODS.

LEGEND
● DENOTES FOUND CORNER AS NOTED



OXY U.S.A. INC.

SURVEY FOR A PIPELINE TO THE HARLEY 20 CTB
CROSSING SECTIONS 20 & 21,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 12/21/15 CAD Date: 1/11/16 Drawn By: ACK
W.O. No.: 15111125 Rev. Rel. W.O.: Sheet 1 of 1

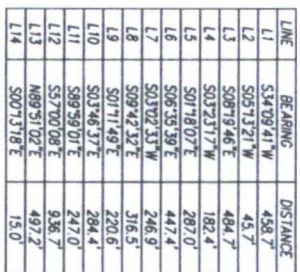
NOTE
BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.



JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBP# 10021000

I, RONALD J. EDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EDSON
DATE: 01/12/2016



BEGINNING AT POINT ON THE NORTH LINE OF THE S/2 OF THE NE/4 OF SECTION 20, WHICH LIES N00°17'38" W 1329.9 FEET AND S89°38'01" W 1067.5 FROM THE EAST QUARTER CORNER OF SAID SECTION 20: THEN S34°09'41" W 458.7 FEET; THEN S05°13'21" W 45.7 FEET; THEN S08°19'46" E 484.7 FEET; THEN S03°23'17" W 182.4 FEET; THEN S01°18'07" E 287.0 FEET; THEN S06°35'39" E 447.4 FEET; THEN S03°02'33" W 246.9 FEET; THEN S09°42'32" E 316.5 FEET; THEN S01°11'49" E 220.6 FEET; THEN S03°46'37" E 284.4 FEET; THEN S89°59'01" E 247.0 FEET; THEN S57°00'08" E 936.7 FEET; THEN N89°51'02" E 497.2 FEET; THEN S00°13'18" E 15.0 FEET TO A POINT, WHICH LIES N32°55'55" E 655.2 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 21.

LEGEND

Figure 1 shows a horizontal beam of length 2000 feet. The beam is divided into segments by vertical lines. The segments are labeled with their lengths: 1000, 0, 1000, and 2000. The total length is 2000 feet. A scale is indicated as 1 inch = 1000 feet.

SURVEY FOR A PIPELINE TO THE HARLEY 20 CTB
CROSSING SECTIONS 20 & 21,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO

Survey Date: 12/21/15	CAD Date: 1/11/16	Drawn By: ACK
WO. No: 15111125	Rev	Sheet 1 of

© Anjelico\2015\Oxy USA Inc\Fosserments\1511125 ROW Flowline to the Horley 17 Federal #1

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBP/LS# 10021000

Survey Date: 12/21/15	CAD Date: 1/11/16	Drawn By: ACK
W.O. No.: 15111125	Rev. :	Rel. W.O.: Sheet 1 of

18 17 19 20 21 16 17 16

N89°38'30"E 2646.4' Q.O. 1913" B.C. N89°37'05"E 2642.8' Q.O. 1913" B.C.

Q.O. 1913" B.C. Q.O. 1913" B.C.

27+51.1 PROPERTY LINE SOUTH
LINE N/2 NE/4

32+08.8 P.L. 2836.20" LT.
32+55.5 P.L. 1333.07" LT.

32+40.2 P.L. 1134.03" RT.
39+22.6 P.L. 0431.24" LT.

42+08.6 P.L. 0517.32" RT.
46+57.0 P.L. 0838.12" RT.

49+03.9 P.L. 1245.05" LT.
52+20.4 P.L. 0830.43" RT.

54+41.0 P.L. 0234.48" RT.

52+25.4 P.L. 8812.24" LT.
59+20 FENCE LN.
59+22.4 P.L. 3258.53" RT.
62+08.1 P.L. 3128.50" LT.
70+46.5 N-S SECTION LN.
74+06.3 P.L. 8955.40" RT.
74+21.3 END SURVEY AT NW CORNER OF HARLEY 20 CTB

1/4 CORNER Q.O. 1913" B.C.

1/4 CORNER Q.O. 1913" B.C.

1/4 CORNER Q.O. 1913" B.C.

1/4 CORNER Q.O. 1913" B.C.

N00°21'09"W 2640.7'

N00°22'49"W 2640.1'

N00°21'38"W 1320.9'

589°38'01"W 1067.5' (THE)

500°22'17"E 2640.7'

589°42'41"W 2644.7'

589°35'13"W 2644.4'

Q.O. 1913" B.C.

Q.O. 1913" B.C.

Q.O. 1913" B.C.

Q.O. 1913" B.C.

I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR NO. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON *Ronald J. Eidson*

DATE: 01/12/2016

© Arpica 2015 by USA Inc. Elements 15111125 ROW line to the Harley 17 Federal #1

LINE	BEARING	DISTANCE
L1	S34°09'41"W	458.7'
L2	S05°13'21"W	45.7'
L3	S08°19'46"E	484.7'
L4	S03°31'17"W	182.4'
L5	S01°18'07"E	287.0'
L6	S06°35'39"E	447.4'
L7	S01°02'33"W	246.9'
L8	S09°42'32"E	316.5'
L9	S01°11'49"E	220.6'
L10	S03°46'37"E	284.4'
L11	S09°39'01"E	247.0'
L12	S57°00'08"E	936.7'
L13	N09°51'02"E	497.2'
L14	S00°31'18"E	15.0'

DESCRIPTION

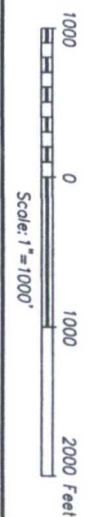
SURVEY FOR A PIPELINE CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTH LINE OF THE S/2 OF THE NE/4 OF SECTION 20, WHICH LIES N00°21'38"W 1329.9 FEET AND S89°38'01"W 1067.5 FROM THE EAST QUARTER CORNER OF SAID SECTION 20: THEN S34°09'41"W 458.7 FEET; THEN S05°13'21"W 45.7 FEET; THEN S08°19'46"E 484.7 FEET; THEN S03°31'17"W 182.4 FEET; THEN S01°18'07"E 287.0 FEET; THEN S06°35'39"E 447.4 FEET; THEN S03°02'33"W 246.9 FEET; THEN S09°42'32"E 316.5 FEET; THEN S01°11'49"E 220.6 FEET; THEN S03°46'37"E 284.4 FEET; THEN S09°39'01"E 247.0 FEET; THEN S57°00'08"E 936.7 FEET; THEN N09°51'02"E 497.2 FEET; THEN S00°31'18"E 15.0 FEET TO A POINT, WHICH LIES N32°55'55"E 655.2 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 21.

TOTAL LENGTH EQUALS 4670.2 FEET OR 283.04 RODS.

LEGEND

● DENOTES FOUND CORNER AS NOTED



OXY U.S.A. INC.

SURVEY FOR A PIPELINE TO THE HARLEY 20 CTB
CROSSING SECTIONS 20 & 21,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

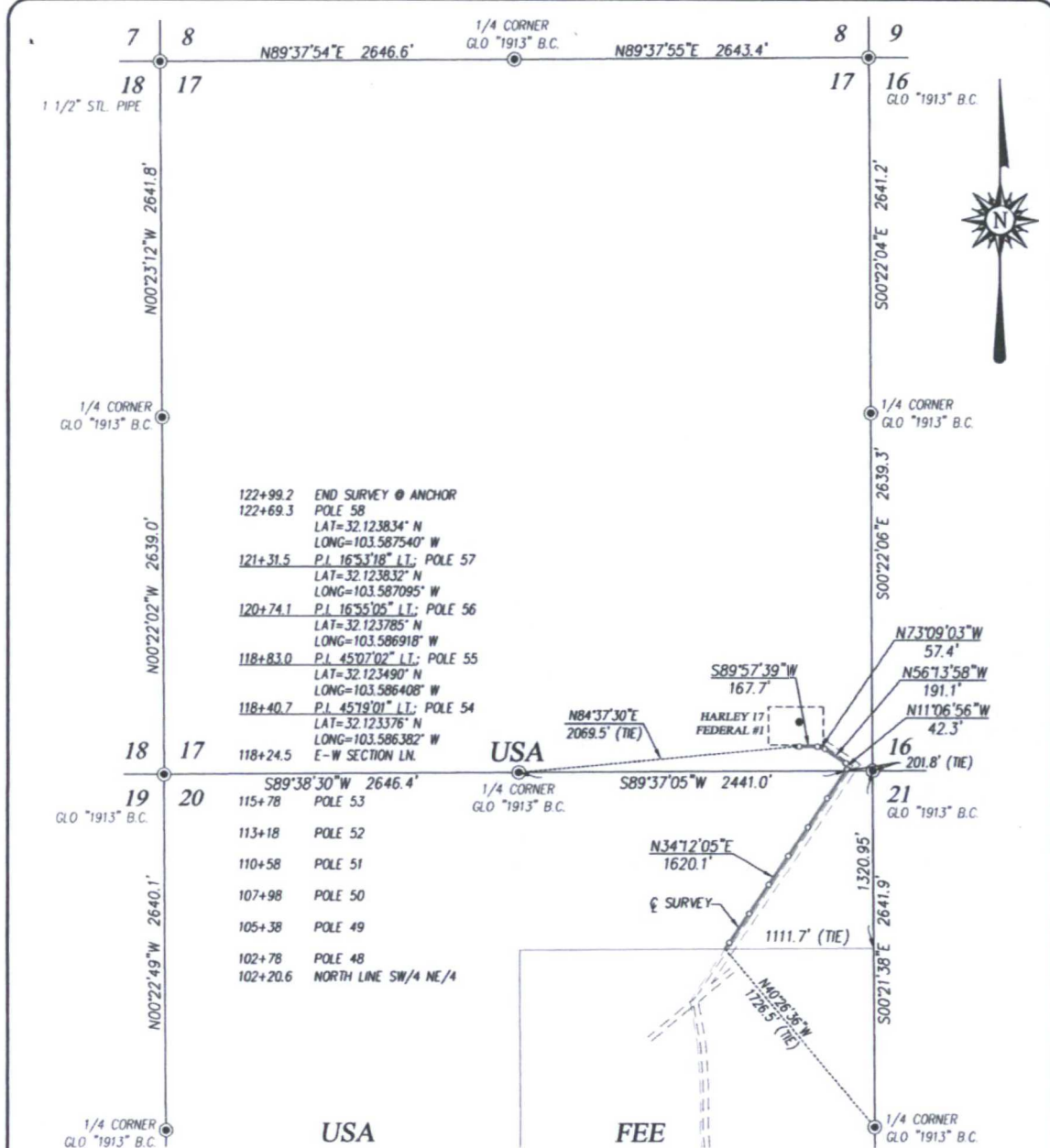
Survey Date: 12/21/15 CAD Date: 1/11/16 Drawn By: ACK
W.O. No.: 15111125 Rev. Rel. W.O.: Sheet 1 of 1

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBBS, N.M. 88240
(575) 393-3117 www.jwsc-hz
TBRP# 10021000

PROVIDING SURVEYING SERVICES
SINCE 1946

NOTE

BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.



DESCRIPTION

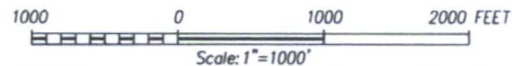
SURVEY FOR A STRIP OF LAND 30.0 FEET WIDE AND 2078.4 FEET OR 0.394 MILES IN LENGTH CROSSING USA LAND IN SECTIONS 17 & 20, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

NOTE

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- 2) LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM 1983 (NAD83).

LEGEND

● DENOTES FOUND CORNER AS NOTED



I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 3239

RONALD J. EIDSON

DATE: 01/25/2016



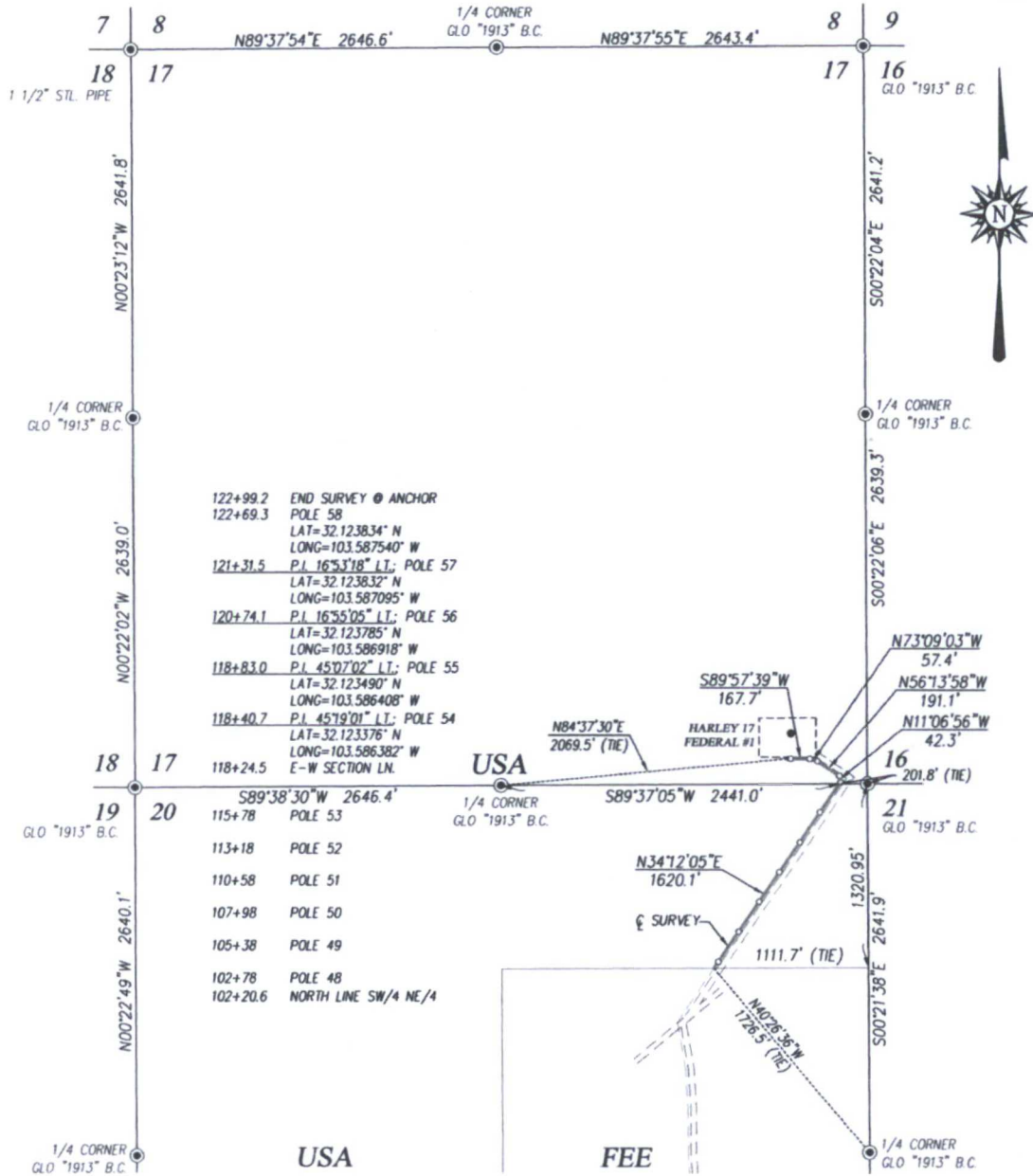
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

OXY U.S.A. INC.

**SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD
CROSSING SECTIONS 17 & 20,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO**

Survey Date: 1/15 TO 1/18/16 CAD Date: 1/22/16 Drawn By: ACK

W.O. No.: 15111115 Rev.: Rel. W.O.: Sheet 1 of 1



DESCRIPTION

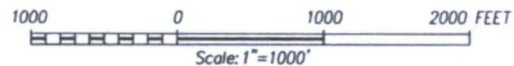
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DATE: 01/25/2016



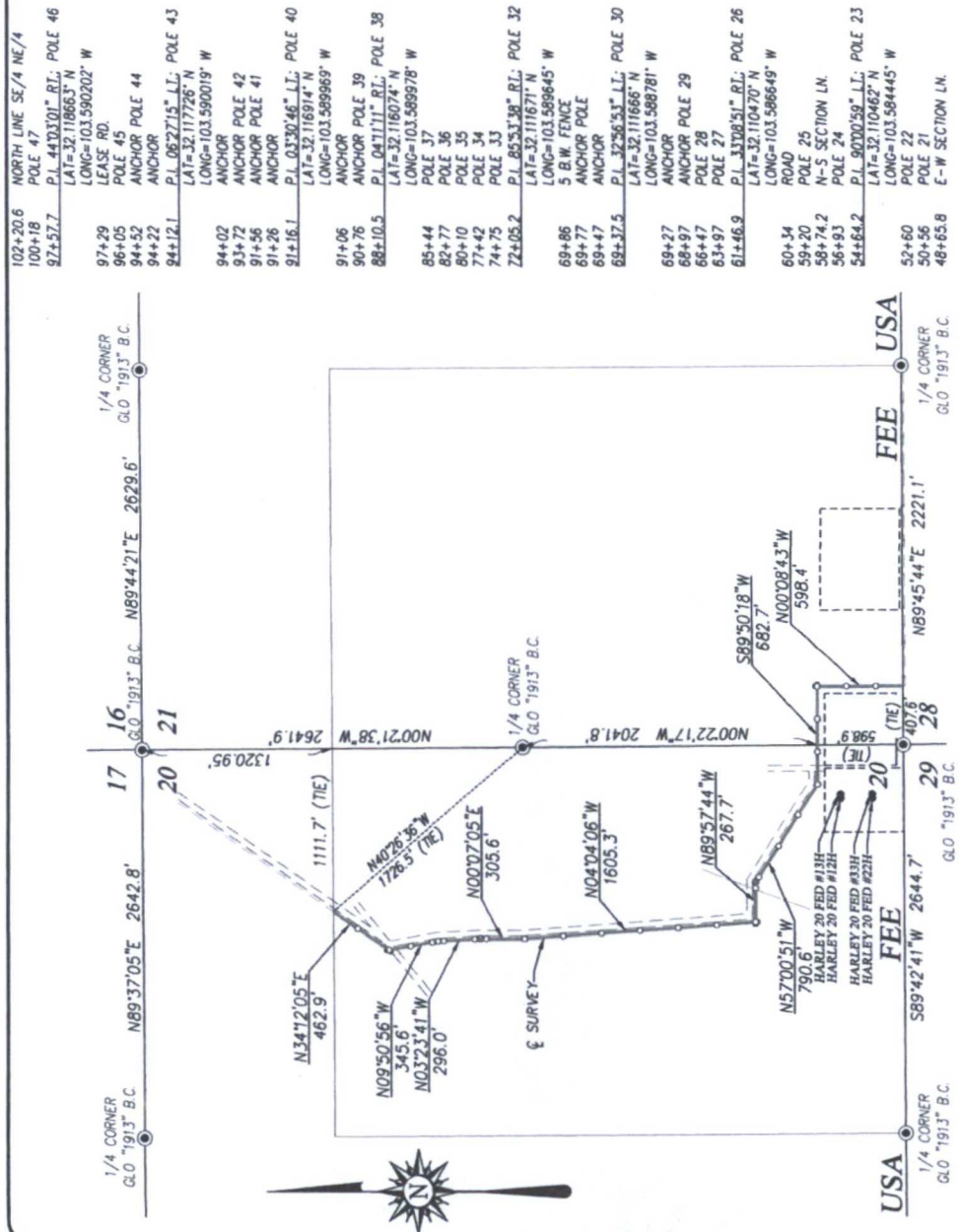
PROVIDING SURVEYING SERVICES
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412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

OXY U.S.A. INC.

**SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD
CROSSING SECTIONS 17 & 20,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO**

Survey Date: 1/15 TO 1/18/16	CAD Date: 1/22/16	Drawn By: ACK
W.O. No.: 15111115	Rev.:	Rel. W.O.:

Sheet 1 of 1



DESCRIPTION

SURVEY FOR AN ELECTRIC LINE CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SECTION 21, WHICH LIES 589'45.44"E 407.6 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION; THEN N00'08'43"W 598.4 FEET; THEN S89'50'18"W 682.7 FEET; THEN N57'00'51"W 790.6 FEET; THEN N89'57'44"W 267.7 FEET; THEN N04'04'06"W 1605.3 FEET; THEN N00'07'05"E 305.6 FEET; THEN N03'23'41"W 296.0 FEET; THEN N09'50'56"W 345.6 FEET; THEN N34'12'05"E 462.9 FEET TO A POINT ON NORTH LINE OF THE SE/4 OF THE NE/4 PROPERTY LINE OF SAID SECTION 20, WHICH LIES N40'26'36"W 1726.5 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION.

TOTAL LENGTH EQUALS 5354.8 FEET OR 324.53 RODS.



NOTE

- 1) BEARINGS SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983. DISTANCES ARE SURFACE VALUES.
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I, RONALD J. EDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EDSON

DATE: 01/25/2016

OXY U.S.A. INC.

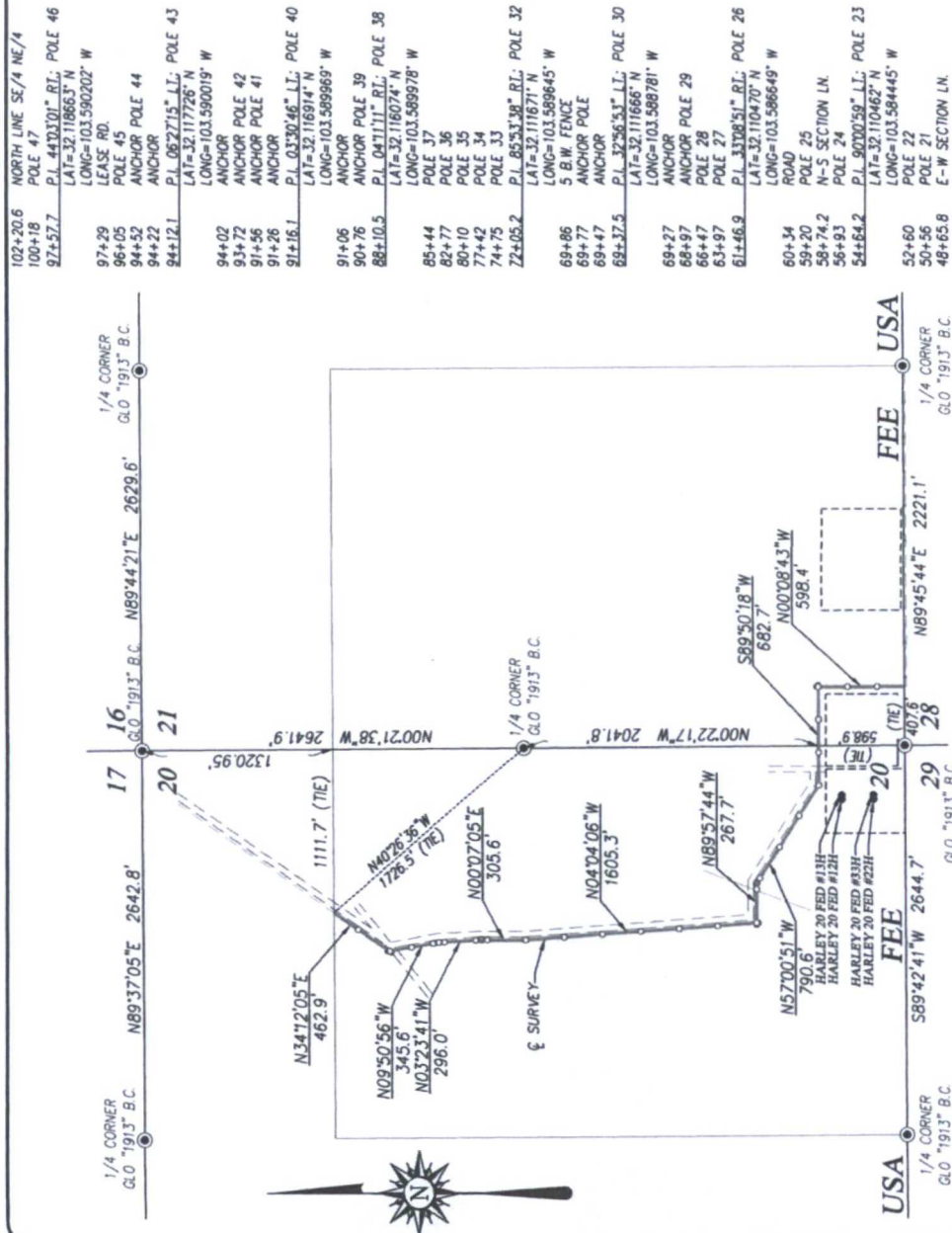
SURVEY FOR AN ELECTRIC LINE TO THE HARLEY 17 FEDERAL #1 WELL PAD CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 1/15 TO 1/18/16	CAD Date: 1/22/16	Drawn By: ACK
W.O. No.: 1511115	Rev.:	Rel. W.O.:
		Sheet 1 of 1

LEGEND

● DENOTES FOUND CORNER AS NOTED

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPSP 10021000



DESCRIPTION

SURVEY FOR AN ELECTRIC LINE CROSSING SECTIONS 20 & 21,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO,
AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SECTION 21, WHICH LIES S89°45'44" E 407.6 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION; THEN N00°08'41" E 598.4 FEET; THEN S89°50'18" W 682.7 FEET; THEN N57°00'51" W 790.6 FEET; THEN N89°53'44" W 287.7 FEET; THEN N04°04'06" W 1605.3 FEET; THEN N00°70'05" E 305.6 FEET; THEN N02°33'41" W 296.0 FEET; THEN N09°50'56" W 345.7 FEET; THEN N34°12'05" E 462.9 FEET TO A POINT ON NORTH LINE OF THE SE 1/4 OF THE NE 1/4 PROPERTY LINE OF SAID SECTION 20, WHICH LIES N40°26'36" W 1726.5 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION.

TOTAL LENGTH EQUALS 5354.8 FEET OR 324.53 RODS.



NOTE

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RONALD J. EIDSON

DATE: 01/25/2012

OXY U.S.A. INC.

**SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD**

CROSSING SECTIONS 20 & 21,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO

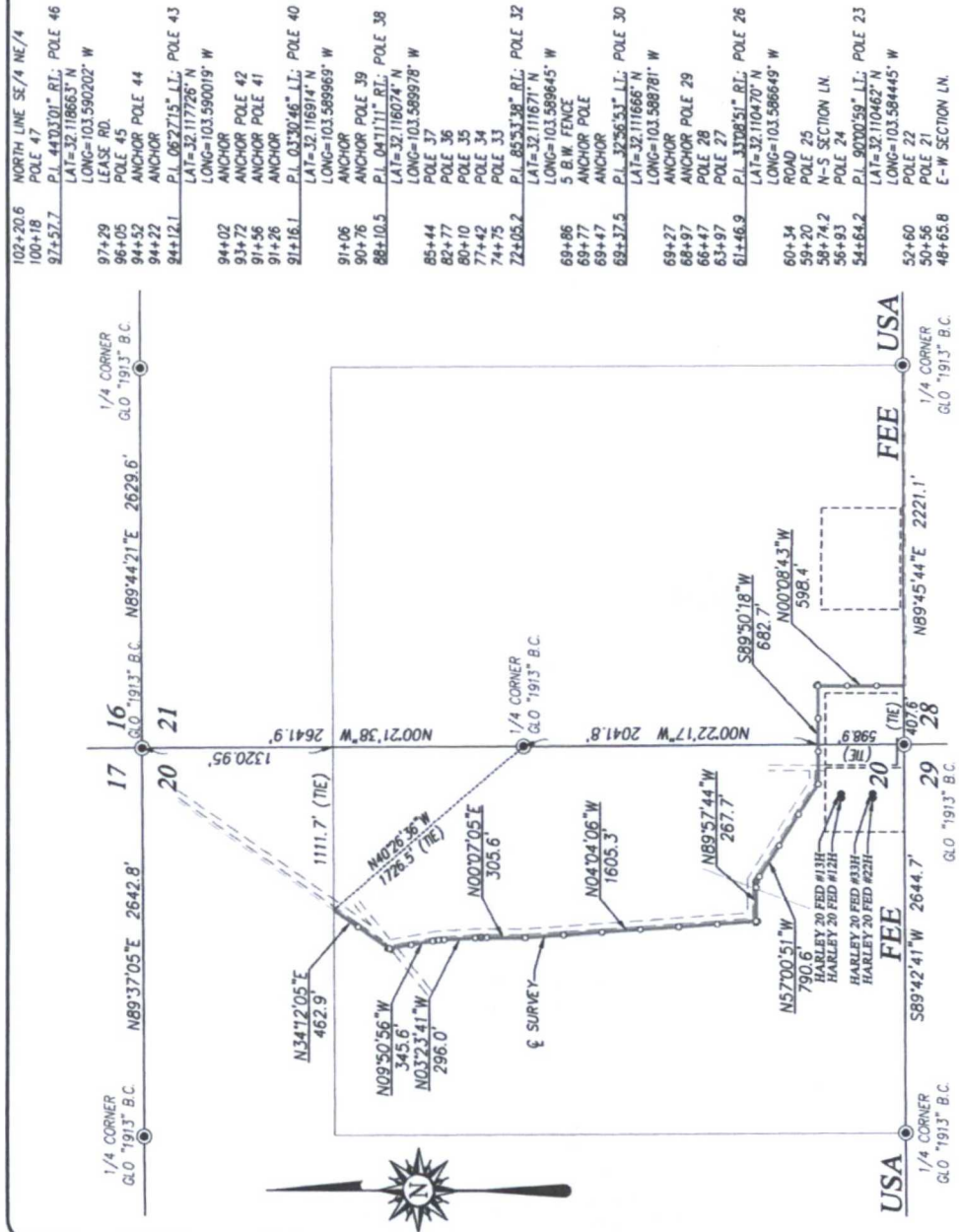
Survey Date: 1/15 TO 1/18/16	CAD Date: 1/22/16	Drawn By: ACK
W.O. No.: 15111115	Rev.	Rel. W.O.:
		Sheet 1 of

LEGEND

● DENOTES FOUND CORNER AS NOTED

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TRAP # 10021000

© Anielico\2015\Oxy USA Inc\Easements\15111115 ElecIn to the Harley 17 Federal #1, Secs17 20,21&28, T2S5,R33X



102+20.6	NORTH LINE SE 1/4 NE 1/4	POLE 47
100+18	PL 4430101 RT. POLE 46	
97+57.7	LONG=103.590202' W	
	PL 4430101 RT. POLE 46	
97+29	LEASE RD.	
96+05	POLE 45	
94+52	ANCHOR POLE 44	
94+22	ANCHOR	
94+12.1	PL 082715 LT. POLE 43	
	LONG=103.590019' W	
94+02	ANCHOR POLE 42	
93+72	ANCHOR POLE 41	
91+26	ANCHOR	
91+18.1	PL 0330146 LT. POLE 40	
	LONG=103.589969' W	
91+06	ANCHOR	
90+76	ANCHOR POLE 39	
88+10.5	PL 047111 RT. POLE 38	
	LONG=103.589978' W	
85+44	POLE 37	
82+77	POLE 36	
80+10	POLE 35	
77+42	POLE 34	
74+75	POLE 33	
72+05.2	PL 853338 RT. POLE 32	
	LONG=103.589945' W	
69+86	5 B.W. FENCE	
69+77	ANCHOR POLE	
69+47	ANCHOR	
69+37.5	PL 323653 LT. POLE 30	
	LONG=103.588781' W	
69+27	ANCHOR	
68+97	ANCHOR POLE 29	
68+47	POLE 28	
63+97	POLE 27	
61+46.9	PL 330851 RT. POLE 26	
	LONG=103.586649' W	
60+34	ROAD	
59+20	POLE 25	
58+74.2	N-S SECTION LN	
56+93	POLE 24	
54+64.2	PL 900059 LT. POLE 23	
	LONG=103.584445' W	
52+60	POLE 22	
50+56	POLE 21	
48+65.8	E-W SECTION LN	

DESCRIPTION

SURVEY FOR AN ELECTRIC LINE CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE SOUTH LINE OF SECTION 21, WHICH LIES S89°45'44"E 407.6 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION; THEN N00°08'43"W 598.4 FEET; THEN S89°50'18"W 682.7 FEET; THEN N57°00'51"W 790.6 FEET; THEN N89°57'44"W 267.7 FEET; THEN N04°04'06"W 1605.3 FEET; THEN N00°07'05"E 305.6 FEET; THEN N03°23'41"W 296.0 FEET; THEN N09°50'56"W 345.6 FEET; THEN N34°12'05"E 462.9 FEET TO A POINT ON NORTH LINE OF THE SE 1/4 OF THE NE 1/4 PROPERTY LINE OF SAID SECTION 20, WHICH LIES N40°26'36"W 1726.5 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION.

TOTAL LENGTH EQUALS 5354.8 FEET OR 324.53 RODS.



NOTE

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I, RONALD J. EIDSON, NEW MEXICO PROFESSIONAL SURVEYOR No. 3239, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD J. EIDSON
DATE: 01/25/2016

OXY U.S.A. INC.

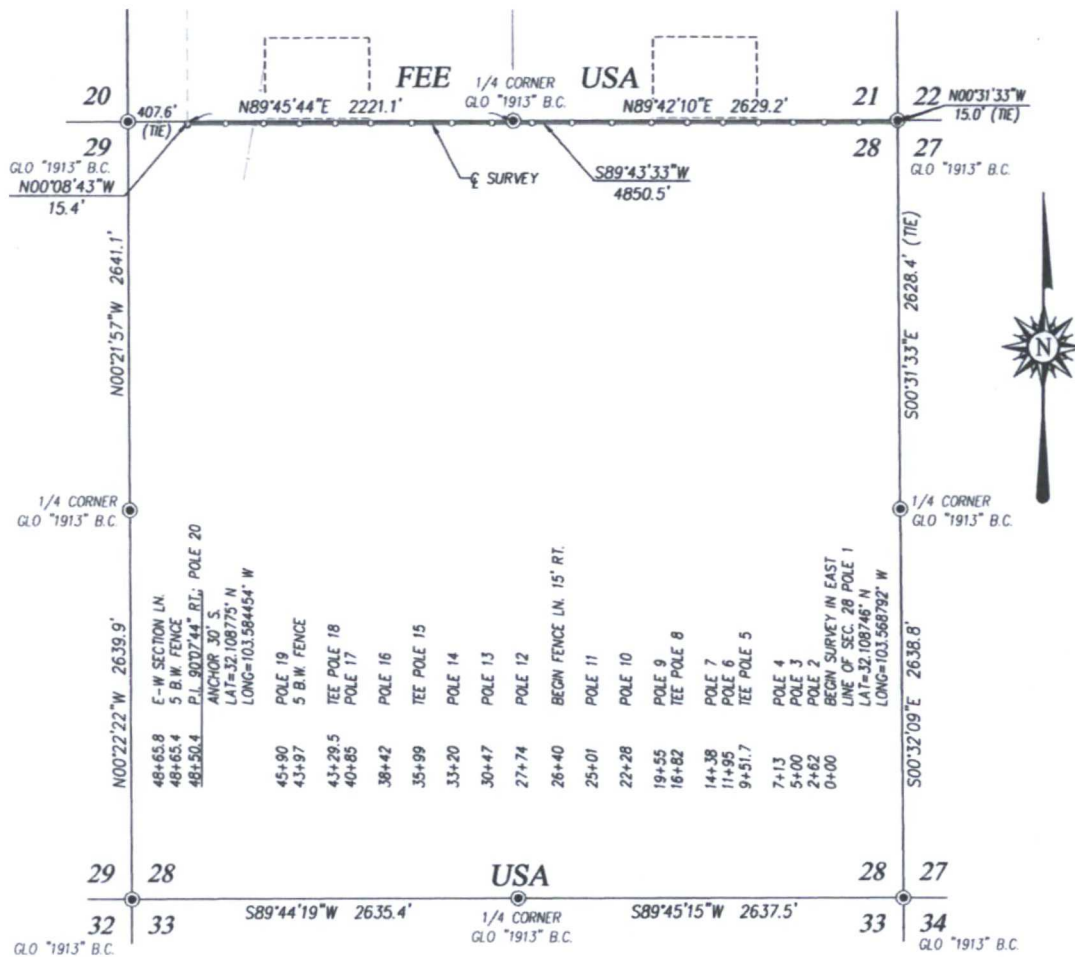
SURVEY FOR AN ELECTRIC LINE TO THE HARLEY 17 FEDERAL #1 WELL PAD CROSSING SECTIONS 20 & 21, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

Survey Date: 1/15 TO 1/18/16	CAD Date: 1/22/16	Drawn By: ACK
W.O. No.: 15111115	Rev.:	Rel. W.O.:

● DENOTES FOUND CORNER AS NOTED

LEGEND

PROVIDING SURVEYING SERVICES SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPUSP 10021000



DESCRIPTION

SURVEY FOR A STRIP OF LAND 30.0 FEET WIDE AND 4865.9 FEET OR 0.922 MILES IN LENGTH CROSSING USA LAND IN SECTION 28, TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO, AND BEING 15.0 FEET LEFT AND 15.0 FEET RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

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RONALD J. EIDSON

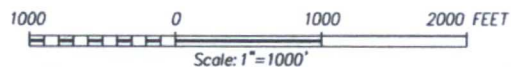
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TBPLS# 10021000

LEGEND

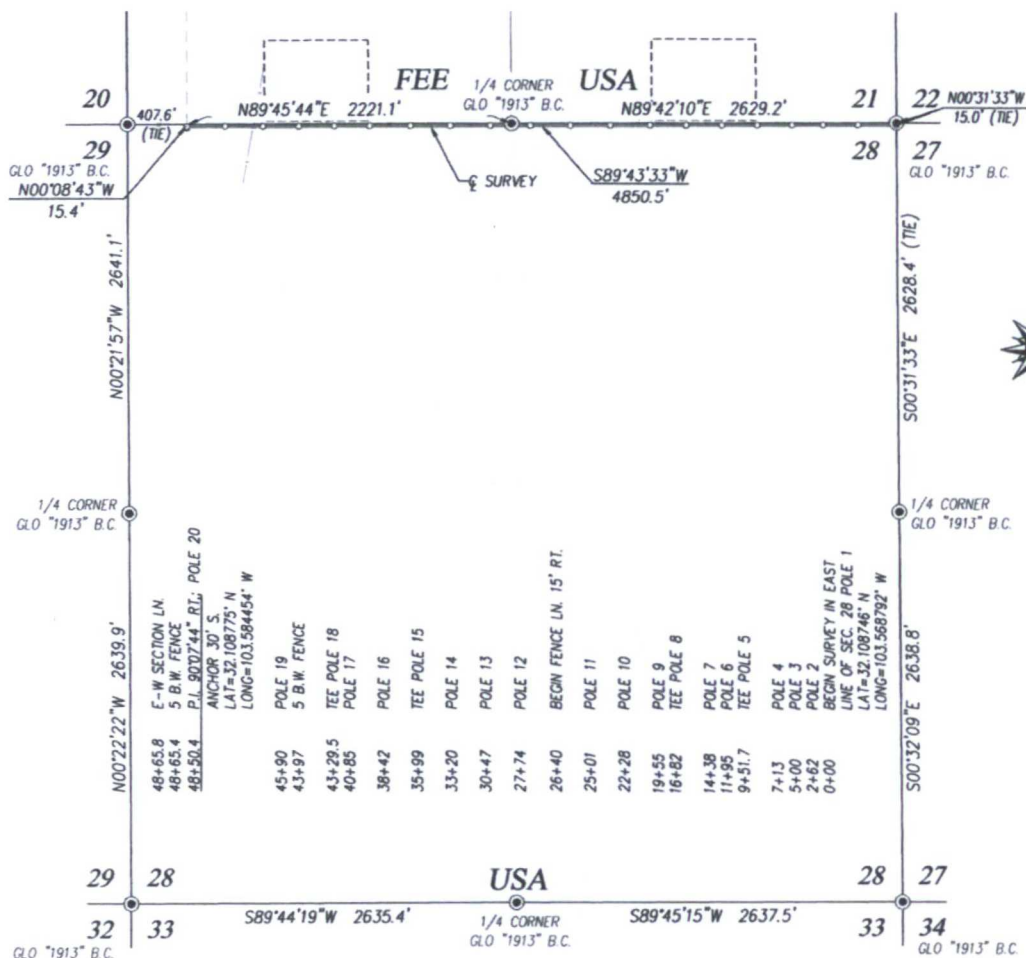
● DENOTES FOUND CORNER AS NOTED



OXY U.S.A. INC.

SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD
CROSSING SECTION 28,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO

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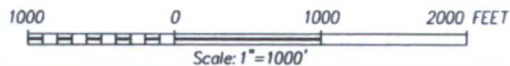
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DATE: 01/25/2016

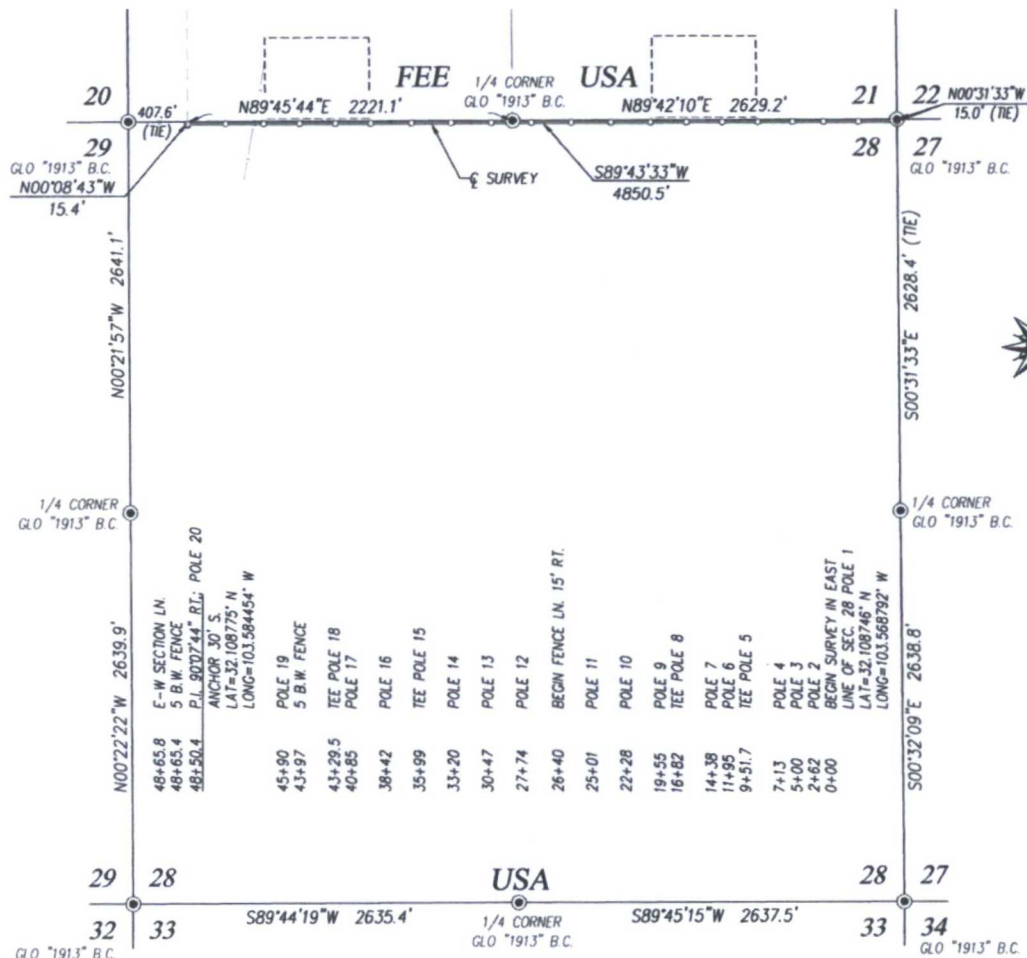


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OXY U.S.A. INC.

SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD
CROSSING SECTION 28,
TOWNSHIP 25 SOUTH, RANGE 33 EAST, N.M.P.M.
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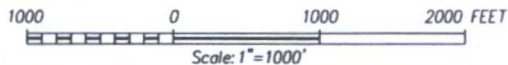
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DATE: 01/25/2016



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OXY U.S.A. INC.

**SURVEY FOR AN ELECTRIC LINE TO THE
HARLEY 17 FEDERAL #1 WELL PAD
CROSSING SECTION 28,
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