

DISTRICT I  
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II  
611 South First, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to Appropriate  
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-43289</b>	Pool Code <b>-96603</b>	Pool Name <b>Triste Draw; Bone Spring <i>K2</i></b>
Property Code <b>40257</b>	<b>HOBBS OCD</b>	Property Name <b>COX FEDERAL S5</b>
OGED No. <b>162928</b>	<b>JUN 06 2016</b>	Operator Name <b>EMERGEN RESOURCES CORPORATION</b>
		Well Number <b>3E</b>
		Elevation <b>3649.0</b>

RECEIVED

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	35	23-S	32-E		200	South	450	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	35	23-S	32-E		330	North	400	East	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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

COX FEDERAL 35-3H  
N: 457001.5  
E: 756188.1  
LAT: 32°15'18.058"  
LON: 103°38'17.956"  
DATUM (NAD 1983)

**SECTION 35**  
**T-23-S, R-32-E**

BOTTOM HOLE LOCATION  
N: 461753.3  
E: 756204.6  
LAT: 32°18'03.077"  
LON: 103°38'17.408"  
DATUM (NAD 1983)

NOTES:  
1. COORDINATES AND BEARINGS ARE BASED ON LAMBERT CONICAL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM NAD 83, CORRS 96, TEXAS CENTRAL ZONE WITH A CONVERGENCE ANGLE OF 0.37087599 AND DISTANCES ARE OF GRID VALUE WITH A CENTRAL COMBINED SCALE FACTOR OF 0.99978903. THE POSITIONAL TOLERANCE OF THIS SURVEY EXCEEDS THE REQUIREMENTS FOR A CONSTRUCTION SURVEY.  
2. SCALE 1" = 2000'

**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 compulsory pooling order heretofore entered by the division.

*Kate Byle - 7/25/14*  
Signature \_\_\_\_\_ Date \_\_\_\_\_

*KATE BYLE*  
Printed Name \_\_\_\_\_  
Date 7/25/14

---

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was located in the field notes of actual survey and that the same is true and correct.

**PROFESSIONAL SURVEYOR**  
REGISTERED IN THE STATE OF NEW MEXICO  
No. 39959

Date Surveyed \_\_\_\_\_  
Signature & Seal of Professional Surveyor  
*WILSON D. WATSON, JR.*

---

Certificate No. **WILSON D. WATSON JR.**  
**P.L.S. #3959**  
WSP23-1122-02  
**WATSON PROFESSIONAL GROUP INC**

SKETCH PLAT

COX-FEDERAL 35-3H  
 LAT: 32°15'16.058"  
 LON: 103°38'17.956"

ENERGEN RESOURCES CORPORATION  
 COX-FEDERAL 35-3H  
 200 FSL & 450 FEL  
 SECTION 35  
 T-23-S, R-32-E  
 LEA COUNTY, NEW MEXICO  
 FINISHED PAD ELEVATION; (3649.5') ACTUAL 3649.03'  
 GROUND ELEVATION (3649.5) NAVD 88

**LEGEND**

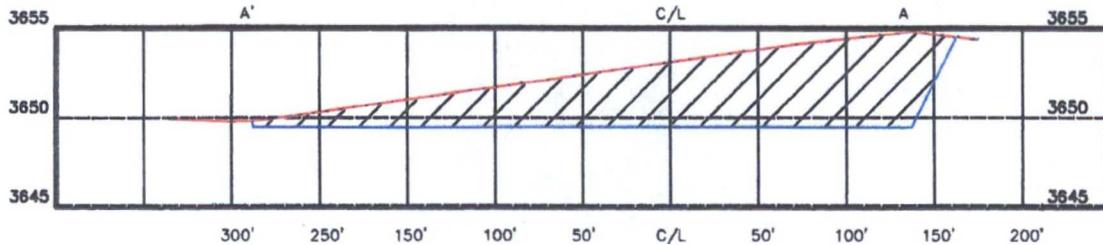
 FILL

 CUT

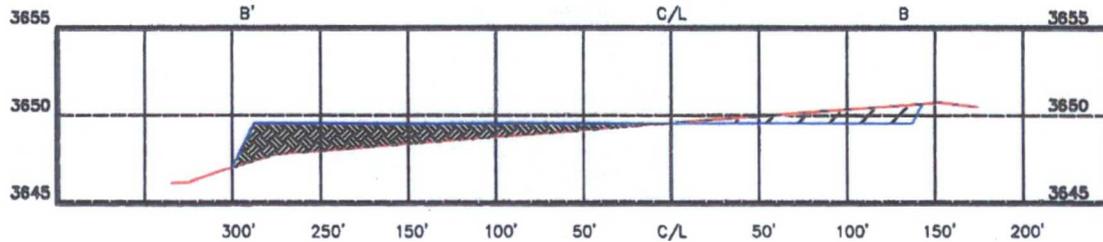
 EXISTING GRADE

 FINISHED GRADE

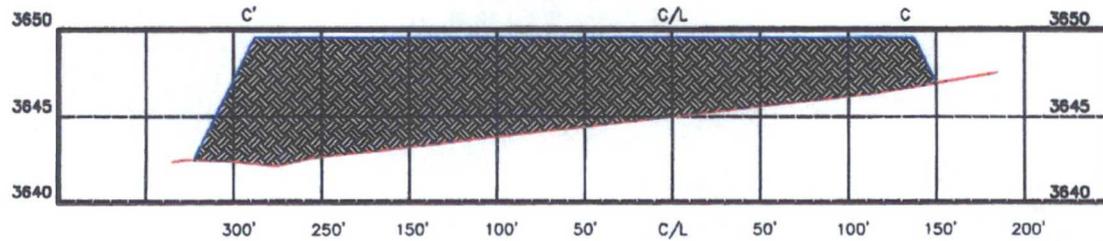
"A" (NORTH) PROFILE



"B" (CENTER) PROFILE



"C" (SOUTH) PROFILE



W0114-1072-00

FILE/T/PROJECTS/NEW MEXICO/LEA/1235 R32E.DWG

PRE-CONSTRUCTION AS SURVEYED IN 2013 REVISED DATE 3/14/14

Basis of Bearing is SPC NAD 83 NEW MEXICO EAST

THIS DIAGRAM IS AN ESTIMATE  
 OF DIRT BALANCE AND IS NOT  
 INTENDED TO BE AN EXACT  
 MEASURE OF VOLUME



CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS

P.O. DRAWER 11126  
 MIDLAND, TEXAS 79702  
 PHONE: 432-520-9200  
 FAX: 432-520-9212

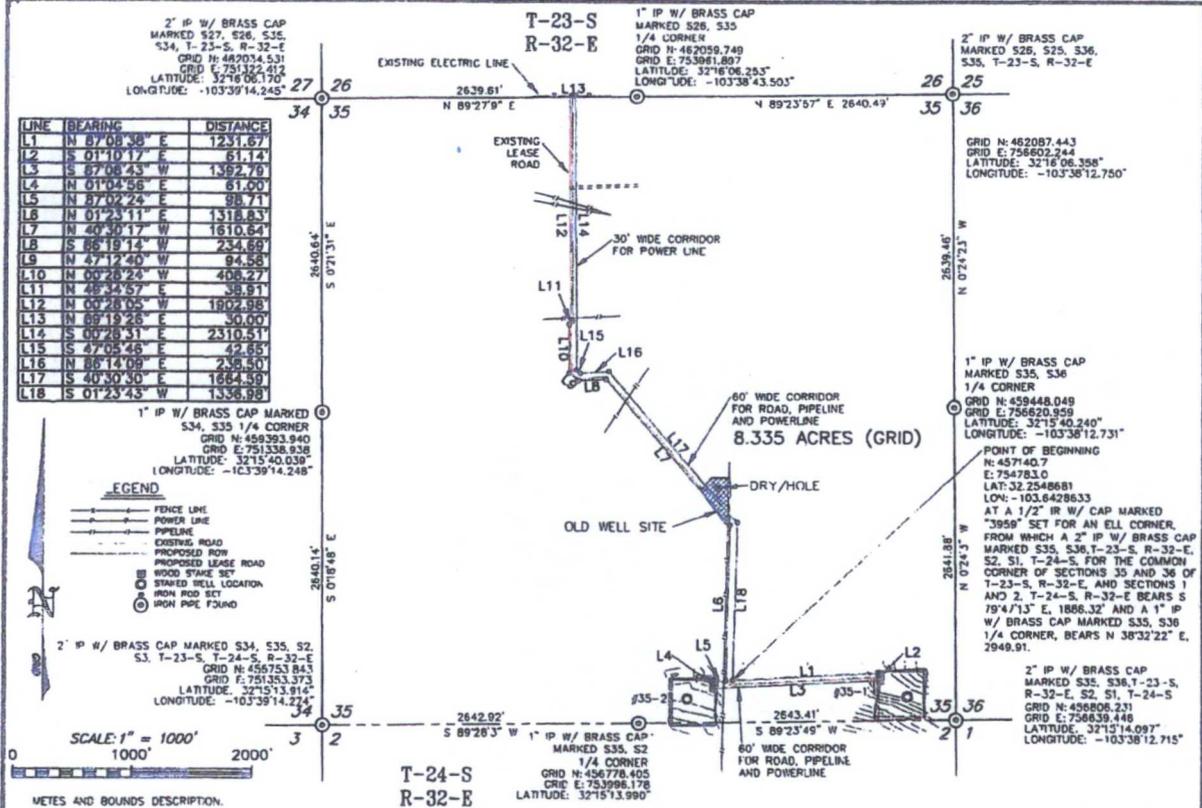
LOCATION PAD PROFILES

**ENERGEN RESOURCES CORPORATION**

COX FEDERAL 35-1H & 35-3H

Location Pad Calculations  
 T-23-S, R-32-E  
 LEA COUNTY, NEW MEXICO.

EASEMENT PLAT



METES AND BOUNDS DESCRIPTION.  
 BEING A 8.335 ACRE, MORE OR LESS, TRACT OF LAND LYING IN AND BEING PART OF SECTIONS 35 AND 26, T-23-S, R-32-E, LEA COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N457140.7 E:754783.0) FOR AN ELL CORNER, FROM WHICH A FOUND 2 INCH IRON PIPE WITH A BRASS CAP MARKED "S35, S36, T-23-S, R-32-E, S2, S1, T-24-S, R-32-E, AND SECTIONS 1, AND 2, T-24-S, R-32-E, BEARS SOUTH 79°47'13" EAST, A DISTANCE OF 1886.32 FEET, AND A FOUND 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S36 1/4 CORNER", BEARS NORTH 38°32'22" EAST, A DISTANCE OF 2949.91 FEET;

THENCE NORTH 87°08'38" EAST, A DISTANCE OF 1231.67 FEET TO WOOD STAKE SET (N457202.1 E:756013.2), FROM WHICH A STAKE SET FOR THE EMERGEN #35-1 WELL LOCATION, BEARS SOUTH 48°2'16" EAST, A DISTANCE OF 301.02 FEET, FOR A SOUTHEAST CORNER HEREOF;

THENCE SOUTH 01°10'17" EAST, A DISTANCE OF 61.14 FEET TO A WOOD STAKE SET (N457140.9 E:756014.4), FROM WHICH A STAKE SET FOR THE SAID EMERGEN #35-1 WELL LOCATION, BEARS SOUTH 58°09'40" EAST, A DISTANCE OF 263.31 FEET, FOR A SOUTHEAST CORNER HEREOF;

THENCE SOUTH 87°08'43" WEST, A DISTANCE OF 1382.79 FEET TO A WOOD STAKE SET (N457071.6 E:754623.3), FROM WHICH A STAKE SET FOR THE EMERGEN #35-2 WELL LOCATION, BEARS SOUTH 88°26'45" WEST, A DISTANCE OF 242.02 FEET, FOR A SOUTHWEST CORNER HEREOF;

THENCE NORTH 01°04'56" EAST, A DISTANCE OF 61.00 FEET TO A WOOD STAKE SET (N457132.6 E:754624.5), FROM WHICH A STAKE SET FOR THE SAID EMERGEN #35-2 WELL LOCATION, BEARS SOUTH 86°19'18" WEST, A DISTANCE OF 270.42 FEET, FOR A SOUTHWEST CORNER HEREOF;

THENCE NORTH 87°02'24" EAST, A DISTANCE OF 98.71 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N457137.7 E:754723.1), FROM WHICH A 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S2 1/4 CORNER", BEARS SOUTH 63°47'16" WEST, A DISTANCE OF 809.91 FEET, FOR AN ELL CORNER HEREOF;

THENCE NORTH 01°23'11" EAST, A DISTANCE OF 1518.83 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N458456.1 E:754755.0), FROM WHICH A 1 INCH IRON PIPE WITH BRASS CAP MARKED "S34, S35 1/4 CORNER", BEARS NORTH 74°38'53" WEST, A DISTANCE OF 3542.44 FEET, FOR A CORNER HEREOF;

THENCE NORTH 49°30'30" WEST, A DISTANCE OF 1684.59 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459680.7 E:753708.9), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S34, S35 1/4 CORNER", BEARS SOUTH 63°05'59" WEST, A DISTANCE OF 2387.20 FEET, FOR A CORNER HEREOF;

THENCE SOUTH 87°09'14" WEST, A DISTANCE OF 234.69 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459985.7 E:753474.6), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S34, S35 1/4 CORNER", BEARS SOUTH 87°44'55" WEST, A DISTANCE OF 2152.92 FEET, FOR A CORNER HEREOF;

THENCE NORTH 47°17'40" WEST, A DISTANCE OF 84.58 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459729.9 E:753405.2), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S34, S35 1/4 CORNER", BEARS SOUTH 87°45'51" WEST, A DISTANCE OF 2093.43 FEET, FOR A CORNER HEREOF;

THENCE NORTH 00°28'24" WEST, A DISTANCE OF 408.27 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N460139.2 E:753401.9), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S34, S35 1/4 CORNER", BEARS SOUTH 70°09'42" WEST, A DISTANCE OF 2193.07 FEET, FOR A CORNER HEREOF;

THENCE NORTH 49°34'57" EAST, A DISTANCE OF 38.81 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N460163.4 E:753431.5), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S36 1/4 CORNER", BEARS SOUTH 77°21'30" EAST, A DISTANCE OF 3268.72 FEET, FOR A SOUTHEAST CORNER HEREOF;

THENCE NORTH 00°28'05" WEST, AT A DISTANCE OF 1891.18 FEET, PASSING THE COMMON LINE OF THE SAID SECTIONS 35 AND 26, A TOTAL DISTANCE OF 1902.98 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N462066.3 E:753415.9), FROM WHICH A 2 INCH IRON PIPE WITH A BRASS CAP MARKED "S27, S26, S35, S34, T-23-S, R-32-E", FOR THE COMMON CORNER OF SECTIONS 35, 34, 27, AND 26, T-23-S, R-32-E, BEARS SOUTH 89°07'46" WEST, A DISTANCE OF 2093.76 FEET, FOR A CORNER HEREOF;

THENCE NORTH 89°09'26" EAST, A DISTANCE OF 30.00 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N462066.7 E:753445.9) FROM WHICH A 1 INCH IRON PIPE WITH BRASS CAP MARKED "S26, S35 1/4 CORNER", BEARS SOUTH 89°13'45" EAST, A DISTANCE OF 516.01 FEET, FOR A CORNER HEREOF;

THENCE SOUTH 07°28'31" EAST, A DISTANCE OF 11.87 FEET, PASSING THE COMMON LINE OF THE SAID SECTIONS 26 AND 35, A TOTAL DISTANCE OF 2310.51 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459750.3 E:753465.1), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S36 1/4 CORNER" BEARS SOUTH 84°25'19" EAST, A DISTANCE OF 3170.87 FEET, FOR A CORNER HEREOF;

THENCE SOUTH 47°05'48" EAST A DISTANCE OF 42.85 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459727.2 E:753496.3), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S36 1/4 CORNER", BEARS SOUTH 84°55'20" EAST, A DISTANCE OF 3137.21 FEET, FOR A CORNER HEREOF;

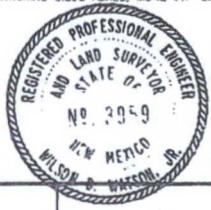
THENCE NORTH 86°14'09" EAST, A DISTANCE OF 238.50 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N459742.9 E:753734.3), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S34 1/4 CORNER", BEARS SOUTH 84°10'06" EAST, A DISTANCE OF 2901.85 FEET, FOR A CORNER HEREOF;

THENCE SOUTH 40°30'30" EAST A DISTANCE OF 1684.59 FEET TO A 1/2 INCH IRON ROD SET WITH A CAP MARKED "3959" (N458477.3 E:754815.6), FROM WHICH THE SAID 1 INCH IRON PIPE WITH BRASS CAP MARKED "S35, S36 1/4 CORNER" BEARS NORTH 61°43'58" EAST A DISTANCE OF 2049.84 FEET FOR A CORNER HEREOF;

THENCE SOUTH 01°23'43" WEST, A DISTANCE OF 1336.98 FEET TO THE PLACE OF BEGINNING AND CONTAINING 8.335 ACRES, MORE OR LESS

NOTES:  
 1. COORDINATES AND BEARINGS ARE BASED ON LAMBERT CONICAL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM AND 83, CORP 98, TEXAS CENTRAL ZONE WITH A CONVERGENCE ANGLE OF 0.0007599 AND DISTANCES ARE OF GRID VALUE WITH A CENTRAL CONVERGENCE SCALE FACTOR OF 0.9997803. THE PROVISIONAL TOLERANCE OF THIS SURVEY EXCEEDS THE REQUIREMENTS FOR A CONSENT SURVEY.  
 2. THIS SURVEY WAS PERFORMED IN WHOLE OR IN PART FOR THE BENEFIT OF A TITLE REPORT AND REVIEW OF THE ABSTRACT OF TITLE, THERE MAY BE EASEMENTS AND/OR ENCUMBRANCES AFFECTING THIS PROPERTY NOT SHOWN HEREON. OPINION OF ADJACENTS AND/OR EASEMENTS ARE BEYOND COMMISSIONED SCOPE OF THIS PROJECT AND HAVE BEEN SPECIALLY OBTAINED. THESE DOCUMENTS NOT FURNISHED FOR THIS SURVEY.  
 3. SEE DOCUMENTS AND ELECTRONIC DATA FILED IN THE OFFICE OF THIS SURVEY FOR COMPLETE RECONSTRUCTION OF THESE SECTIONS OR BLOCKS.

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Scale of Bearing is SPC NAD 83 NEW MEXICO EAST

PROPOSED CORRIDOR

**ENERGEN RESOURCES**

COX FEDERAL LEASE

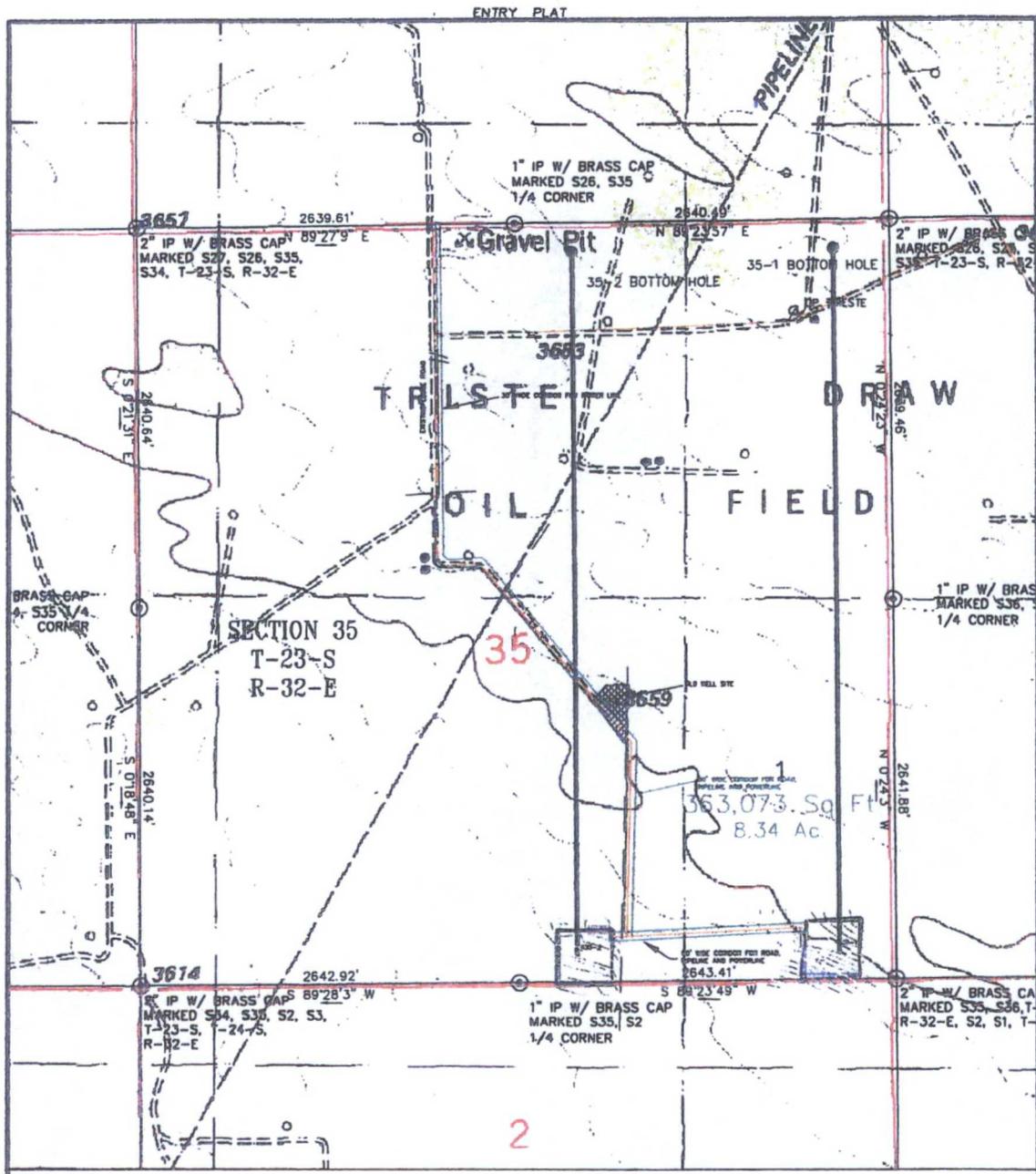
A PROPOSED ROW CORRIDOR IN SECTIONS 35 & 26  
 T-23-S, R-32-E  
 LEA COUNTY, NEW MEXICO.

**Watson Professional Group Inc.**  
 CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS

P.O. DRAWER 1166  
 MCKEAN, TEXAS 79702  
 (432) 520-9222  
 FAX: (432) 520-9222

DATE: 5/20/2013

W.D. Watson, Jr. NEW MEXICO P.L.S. 3959



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Basis of Bearing is SPC NAD 83 NEW MEXICO EAST

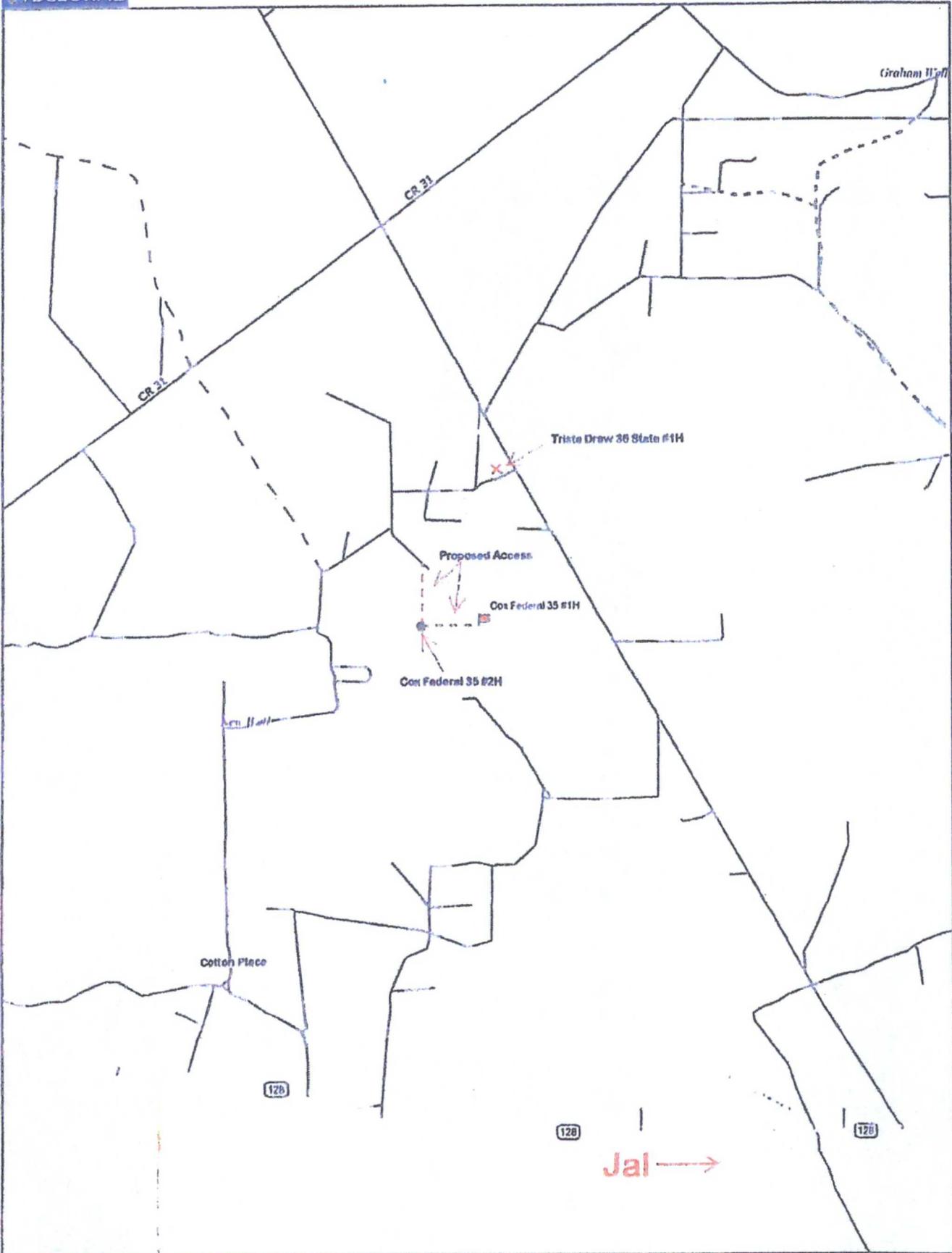
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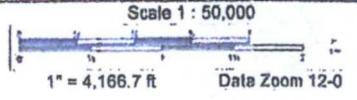
P.O. DRAWER 11186  
MIDLAND, TEXAS 79702  
(432) 520-9200  
FAX (432) 520-9212  
www.watson-professional.com

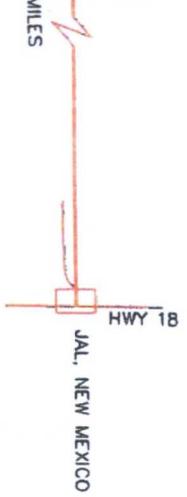
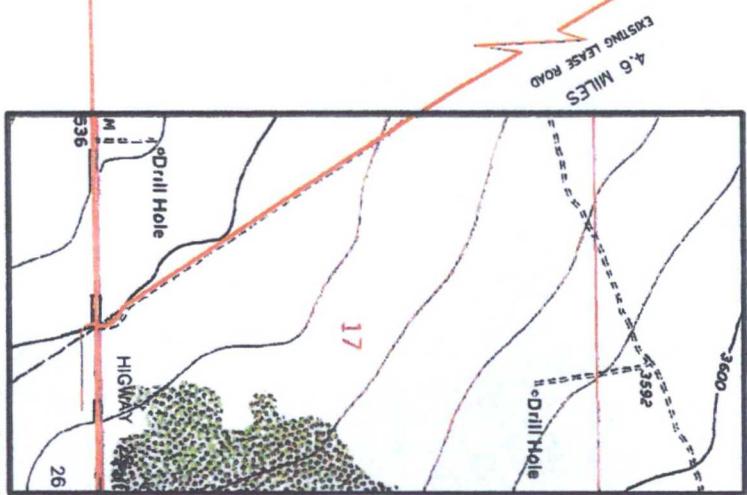
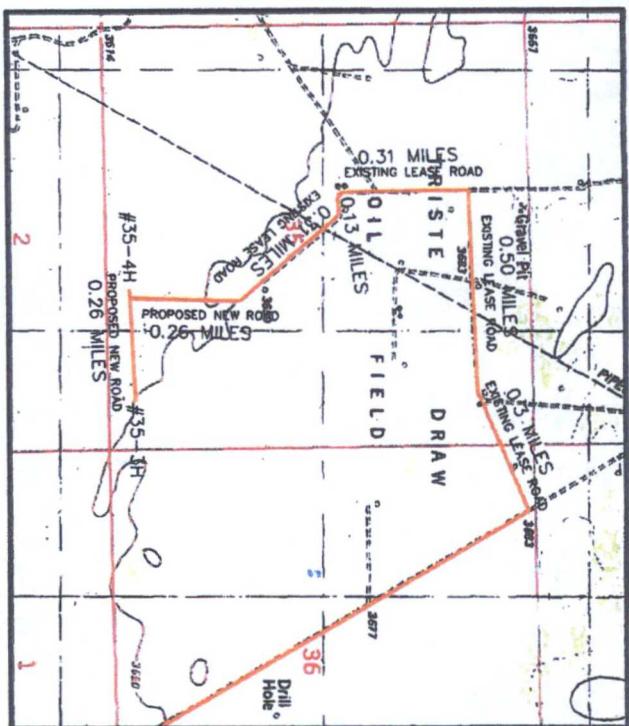
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<p>TOPO OF SECTION 35</p>
<p><b>ENERGEN RESOURCES</b></p>
<p>SECTION 35 T-23-S, R-32-E LEA COUNTY, NEW MEXICO.</p>



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Basis of Bearing is SPC NAD 83 NEW MEXICO EAST

ROUTE MAP TO COX FEDERAL 35-3H & 35-4H

**ENERGEN RESOURCES**

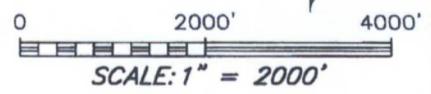
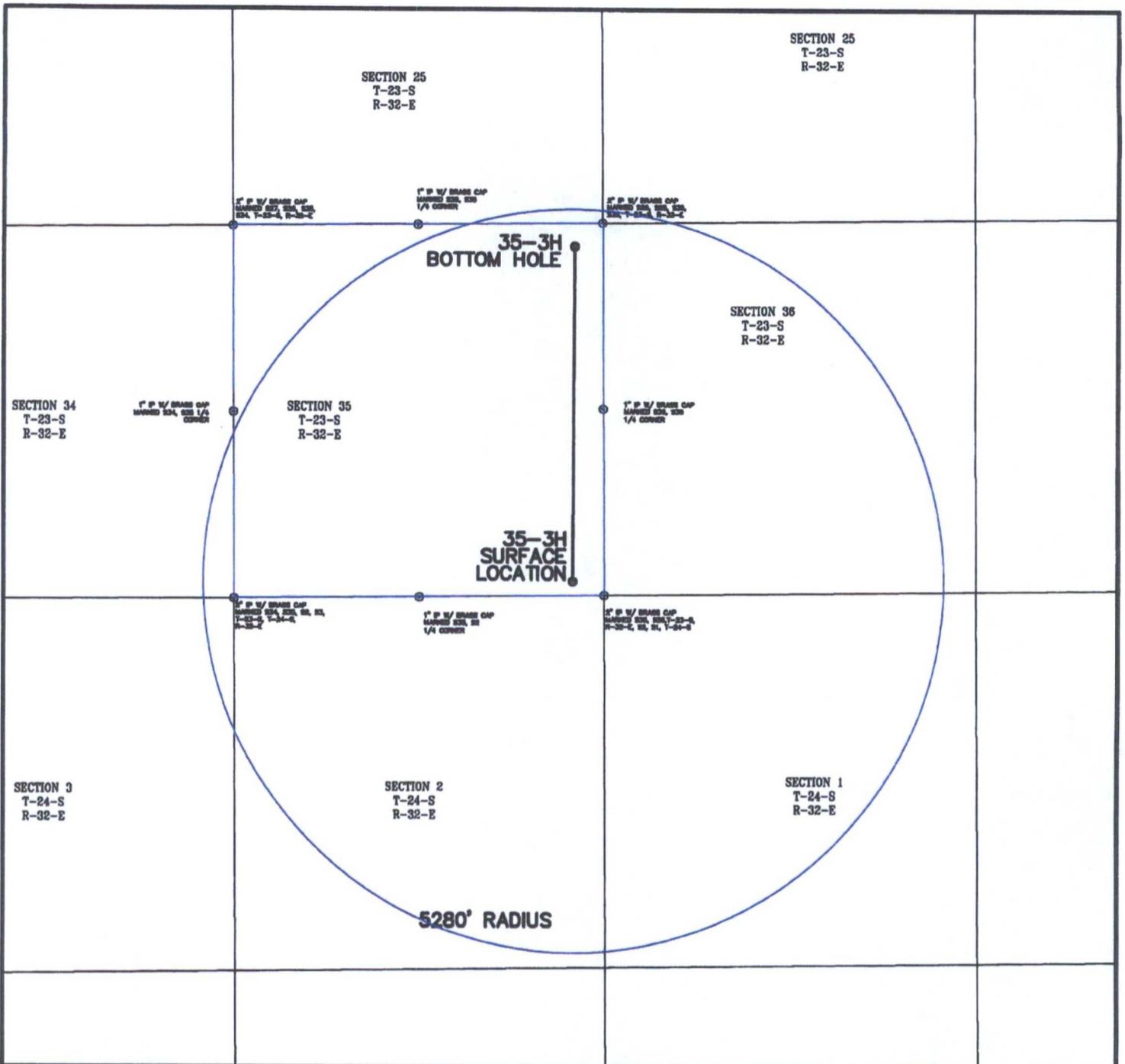
ROUTE MAP OF ROADS FROM HWY 128 TO WELLS  
T-23-S, R-32-E  
LEA COUNTY, NEW MEXICO.

**Watson Professional Group Inc**



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MIDLAND, TEXAS 79702  
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www.watson.com

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WO #14-1072-00

Basis of Bearing is SPC NAD 83 NEW MEXICO EAST



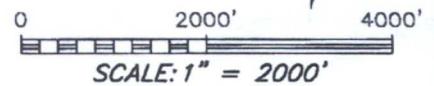
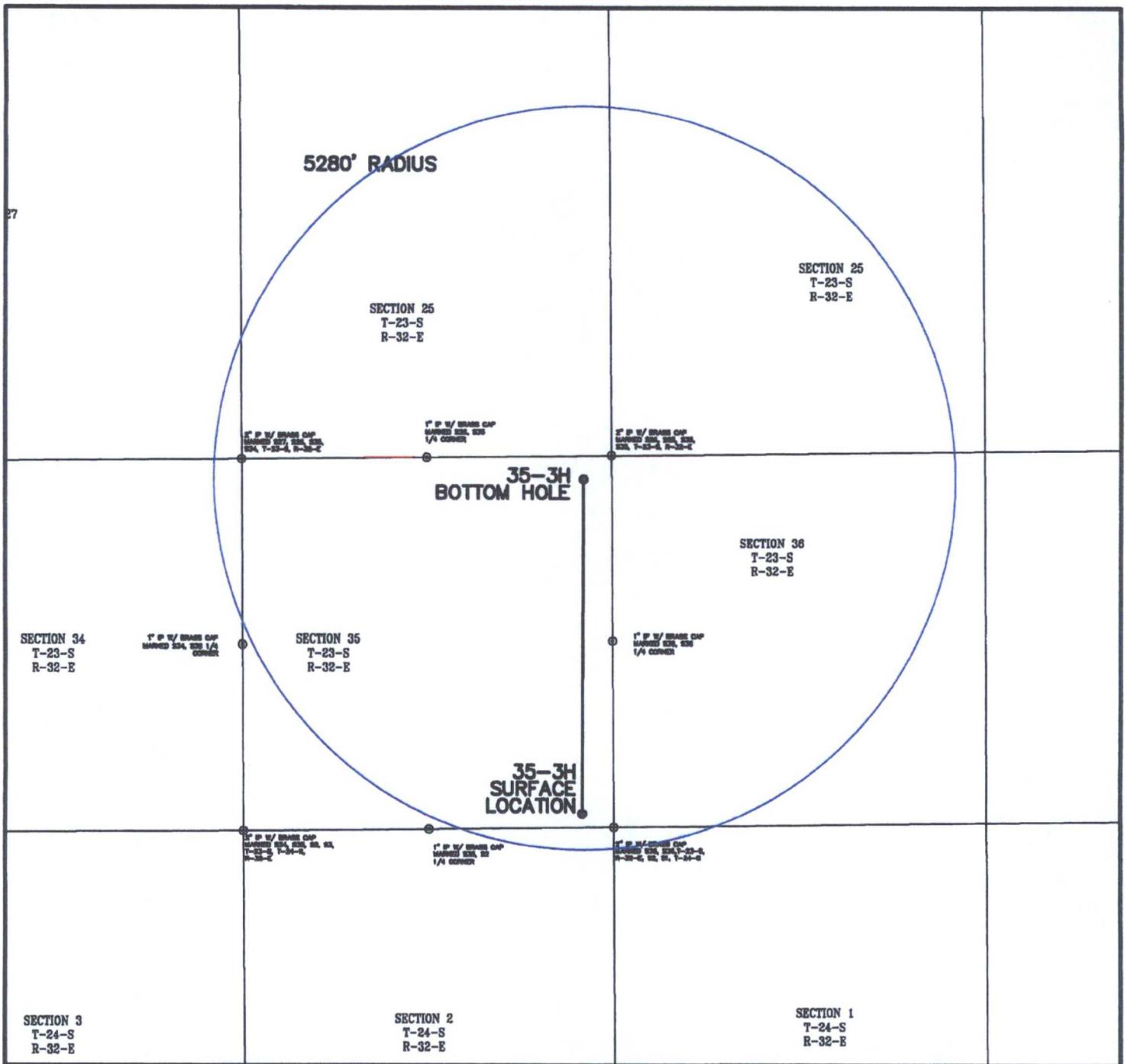
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CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS

COX FEDERAL 35-3H SURFACE

*ENERGEN RESOURCES*

SECTION 35  
 T-23-S, R-32-E  
 LEA COUNTY, NEW MEXICO.



WO #14-1072-00

Basis of Bearing is SPC NAD 83 NEW MEXICO EAST

COX FEDERAL 35-3H BOTTOM HOLE

*ENERGEN RESOURCES*

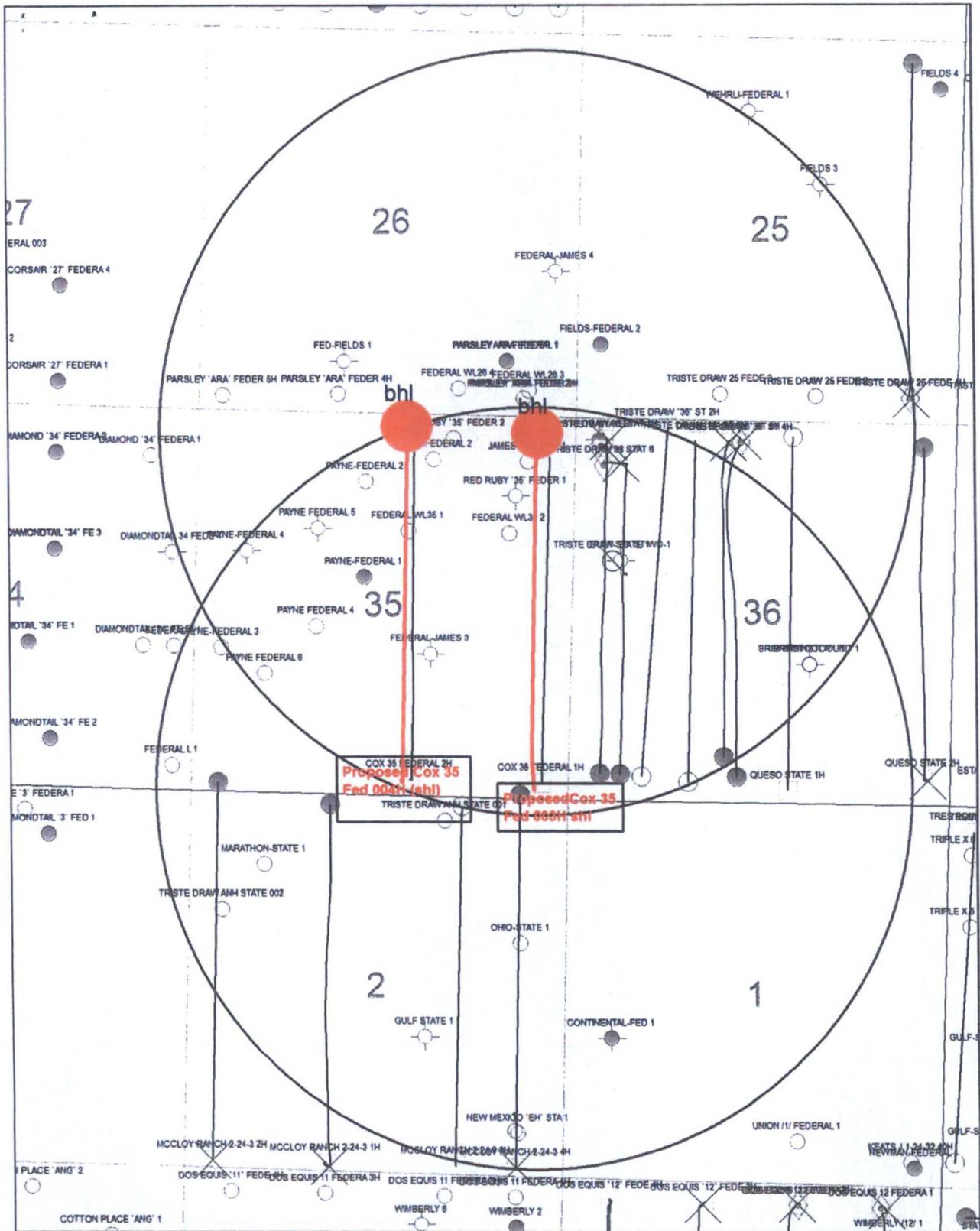
SECTION 35  
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LEA COUNTY, NEW MEXICO.

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CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS



**Proposed Well Cox 35 Federal 3H**  
 Showing 1-mile radius around SHL and BHL

**Delaware Basin**  
 Lea County, NM

Print Date: 19 March, 2014	Drawn By:	Scale: (scale)
Document Name: TERRY BURNS COX WELLS.GMP		