

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 392-0720

District II  
311 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 87305  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
HOBBSCOCD  
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

JUL 01 2015

RECEIVED  
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-42668</b>	<sup>2</sup> Well Code <b>97088</b>	<sup>3</sup> Pool Name <b>WC-025 G-08 223340-BS</b>
<sup>4</sup> Property Code <b>363614</b>	<sup>5</sup> Property Name <b>JAZZBASS 34 FEDERAL</b>	<sup>6</sup> Well Number <b>2H</b>
<sup>7</sup> OGRID No. <b>270329</b>	<sup>8</sup> Operator Name <b>ENDURANCE RESOURCES, LLC</b>	<sup>9</sup> Elevation <b>3180.9</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	25 S	35 E		330	SOUTH	1980	WEST	LEA

<sup>11</sup> 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
C	34	25 S	35 E		330	NORTH	1980	WEST	LEA

<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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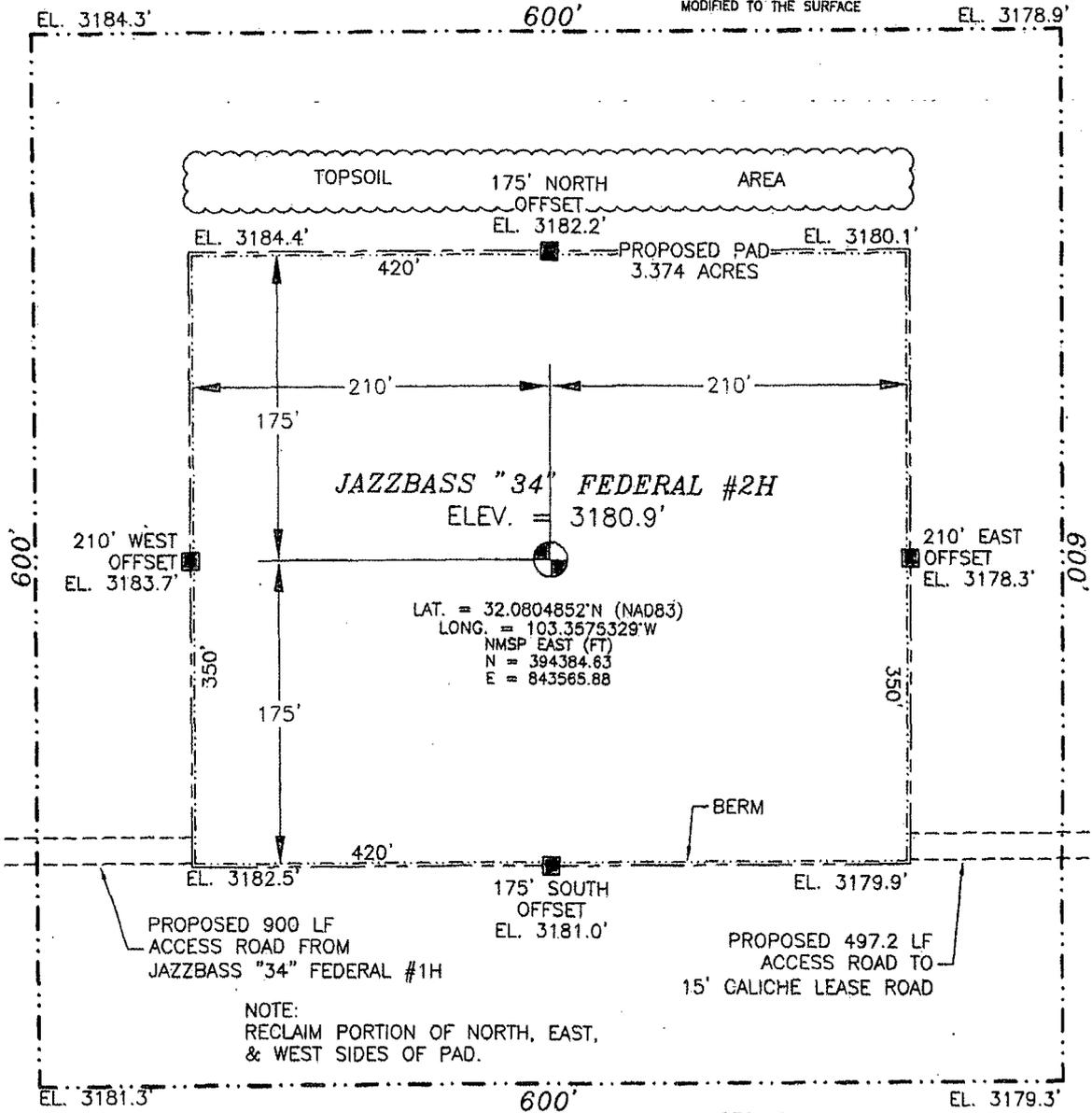
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N 89°34'14"E 2644.71 FT</p> <p>N 89°35'47"E 2641.98 FT</p> <p>1980'</p> <p>N Q CORNER SEC. 34 LAT. = 32.0840819°N LONG. = 103.3553902°W</p> <p>NE CORNER SEC. 34 LAT. = 32.0940669°N LONG. = 103.3468607°W</p> <p>NW CORNER SEC. 34 LAT. = 32.0940931°N LONG. = 103.3639285°W</p> <p>NMSP EAST (FT) N = 399317.25 E = 841540.43</p> <p>BOTTOM OF HOLE</p> <p>BOTTOM OF HOLE LAT. = 32.0931782°N LONG. = 103.3575368°W</p> <p>NMSP EAST (FT) N = 399002.28 E = 843522.90</p> <p>W Q CORNER SEC. 34 LAT. = 32.0868372°N LONG. = 103.3639303°W</p> <p>NMSP EAST (FT) N = 396677.57 E = 841563.59</p> <p>JAZZBASS "34" FEDERAL #2H ELEV. = 3180.9' LAT. = 32.0804852°N (NAD83) LONG. = 103.3575329°W</p> <p>NMSP EAST (FT) N = 394384.63 E = 843565.88</p> <p>SW CORNER SEC. 34 LAT. = 32.0795817°N LONG. = 103.3639234°W</p> <p>NMSP EAST (FT) N = 394038.09 E = 841589.44</p> <p>1980'</p> <p>S Q CORNER SEC. 34 LAT. = 32.0795772°N LONG. = 103.3553904°W</p> <p>NMSP EAST (FT) N = 394060.29 E = 844232.47</p> <p>SE CORNER SEC. 34 LAT. = 32.0795707°N LONG. = 103.3468695°W</p> <p>NMSP EAST (FT) N = 394081.95 E = 846871.75</p> <p>S 89°31'07"W 2643.47 FT</p> <p>S 89°31'47"W 2639.73 FT</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>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.</p> <p><i>L. A. Sirgo III</i> 7-17-14 Signature Date</p> <p>M.A. Sirgo III Printed Name</p> <p>manny@enduranceresourcesllc.com E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>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>NOVEMBER 20, 2013 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number F1110N-B-A-RAMILLO, PLS 12797 SURVEY NO. 2479</p>

JUL 07 2015

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



0 10 50 100 200

SCALE 1" = 100'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR 2 (BATTLE AXE) AND EL PASO PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX. 11.8 MILES. GO NORTH ON 10' CALICHE LEASE ROAD APPROX. 1.1 MILES. LOCATION IS APPROX. 700' WEST.

SEC. 34

SEC. 3

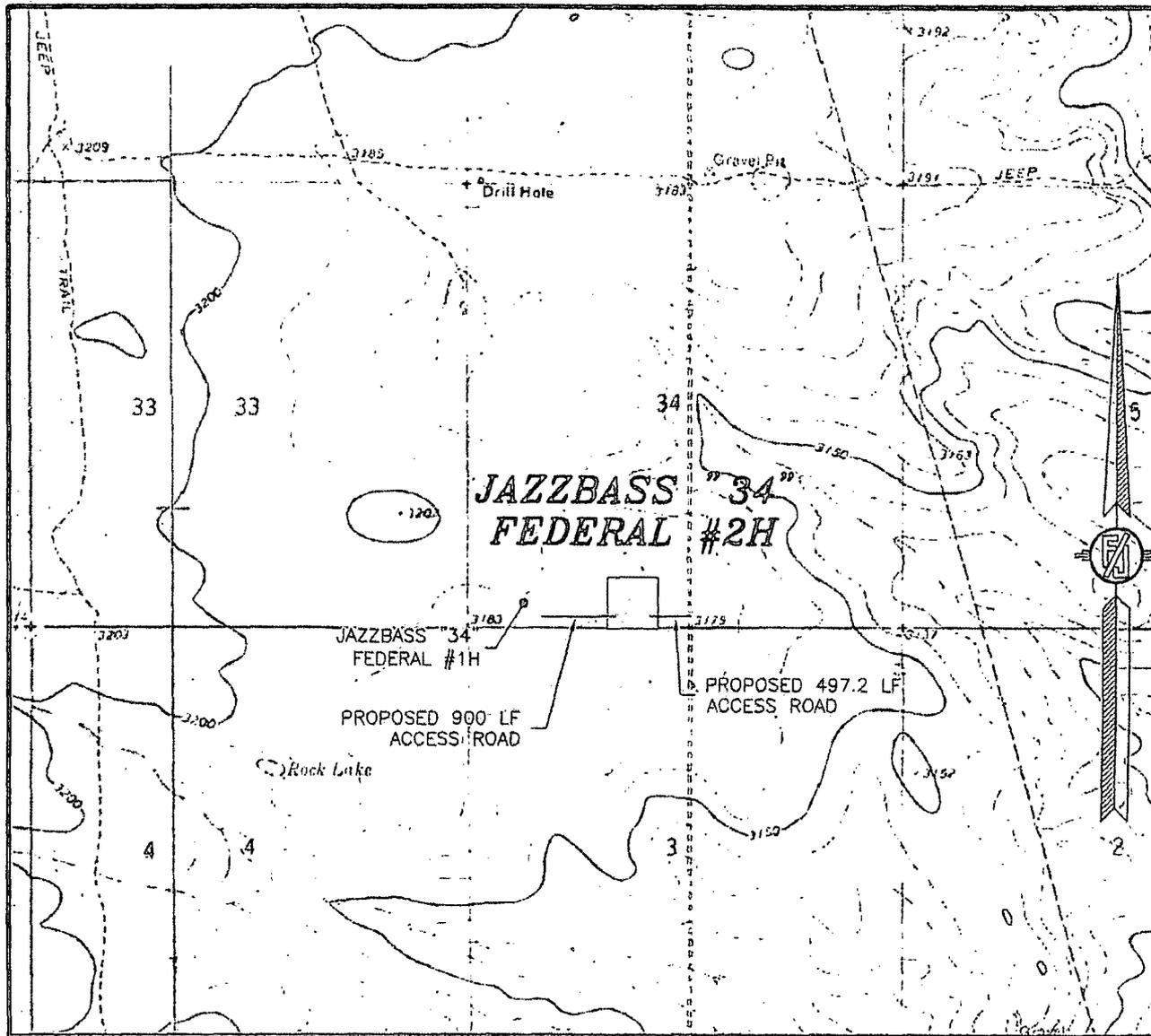
ENDURANCE RESOURCES, LLC  
**JAZZBASS "34" FEDERAL #2H**  
 LOCATED 330 FT. FROM THE SOUTH LINE  
 AND 1980 FT. FROM THE WEST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2479

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 JAVELINA BASIN

NOT TO SCALE

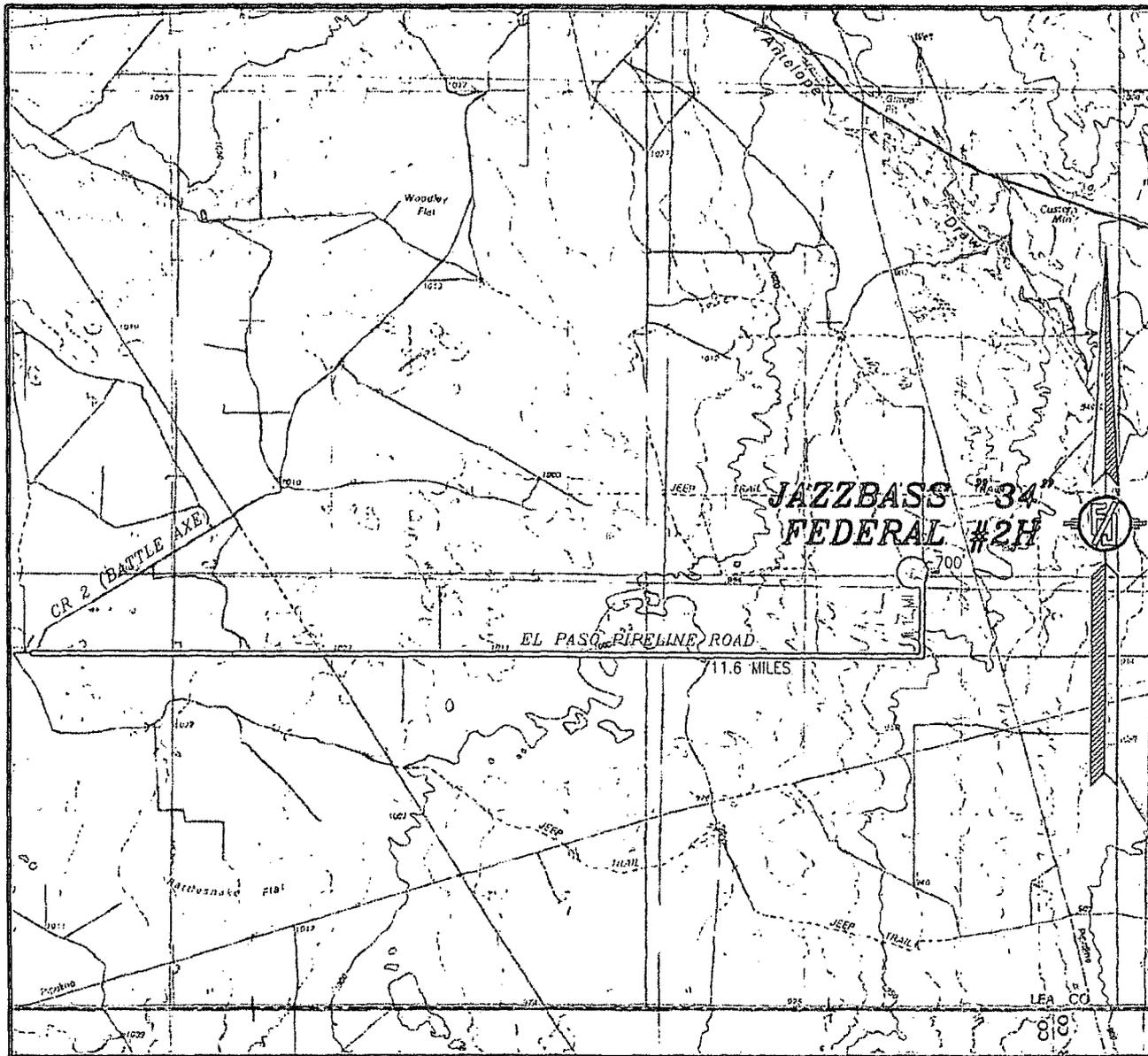
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 LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2479

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 VICINITY MAP



NOT TO SCALE

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 LEA COUNTY, STATE OF NEW MEXICO

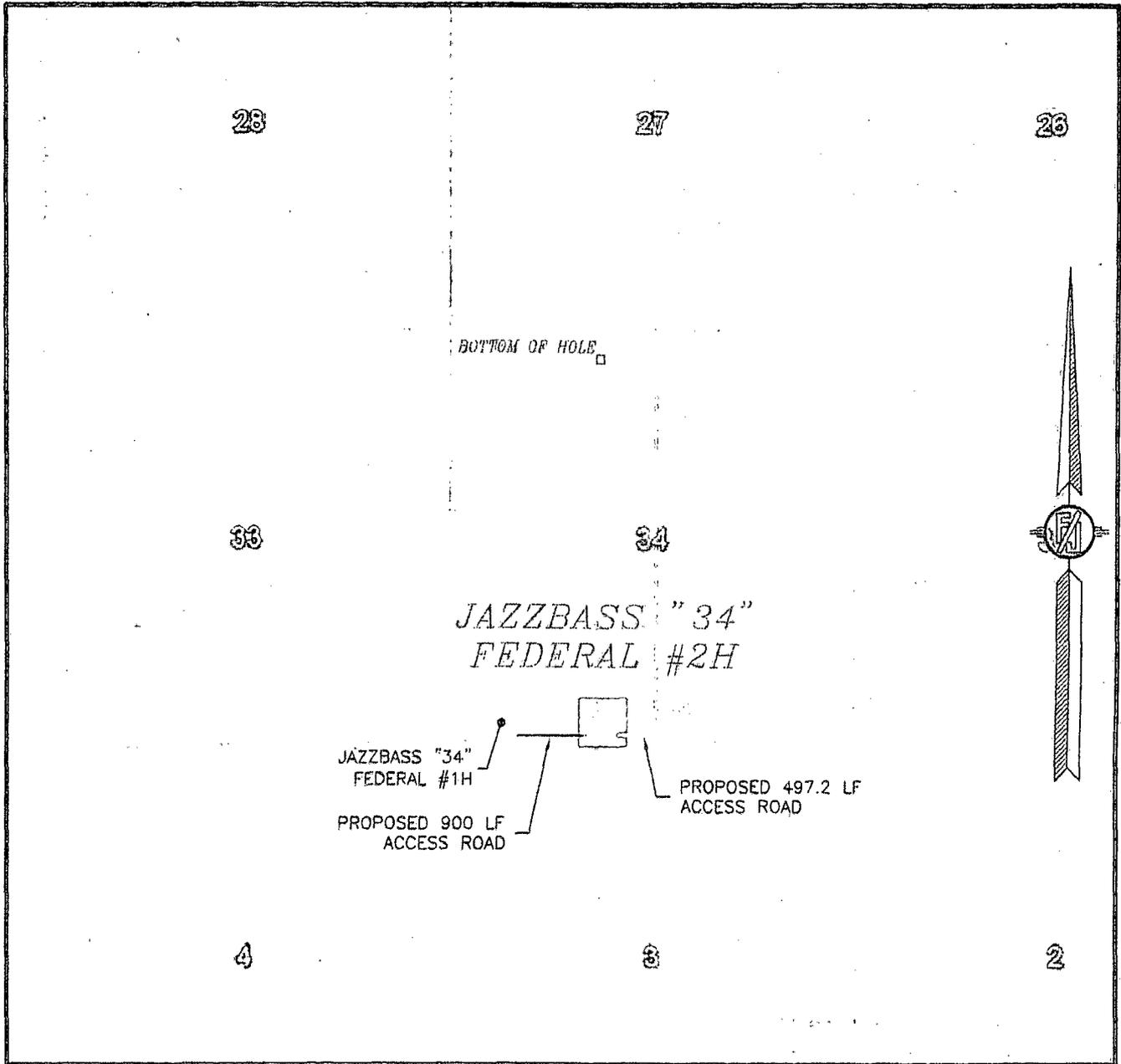
DIRECTIONS TO LOCATION  
 FROM THE INTERSECTION OF CR 2 (BATTLE AXE) AND EL PASO  
 PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX.  
 11.6 MILES. GO NORTH ON 10' CALICHE LEASE ROAD APPROX. 1.1  
 MILES. LOCATION IS APPROX. 700' WEST.

NOVEMBER 20, 2013

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 2479

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
APRIL 2013

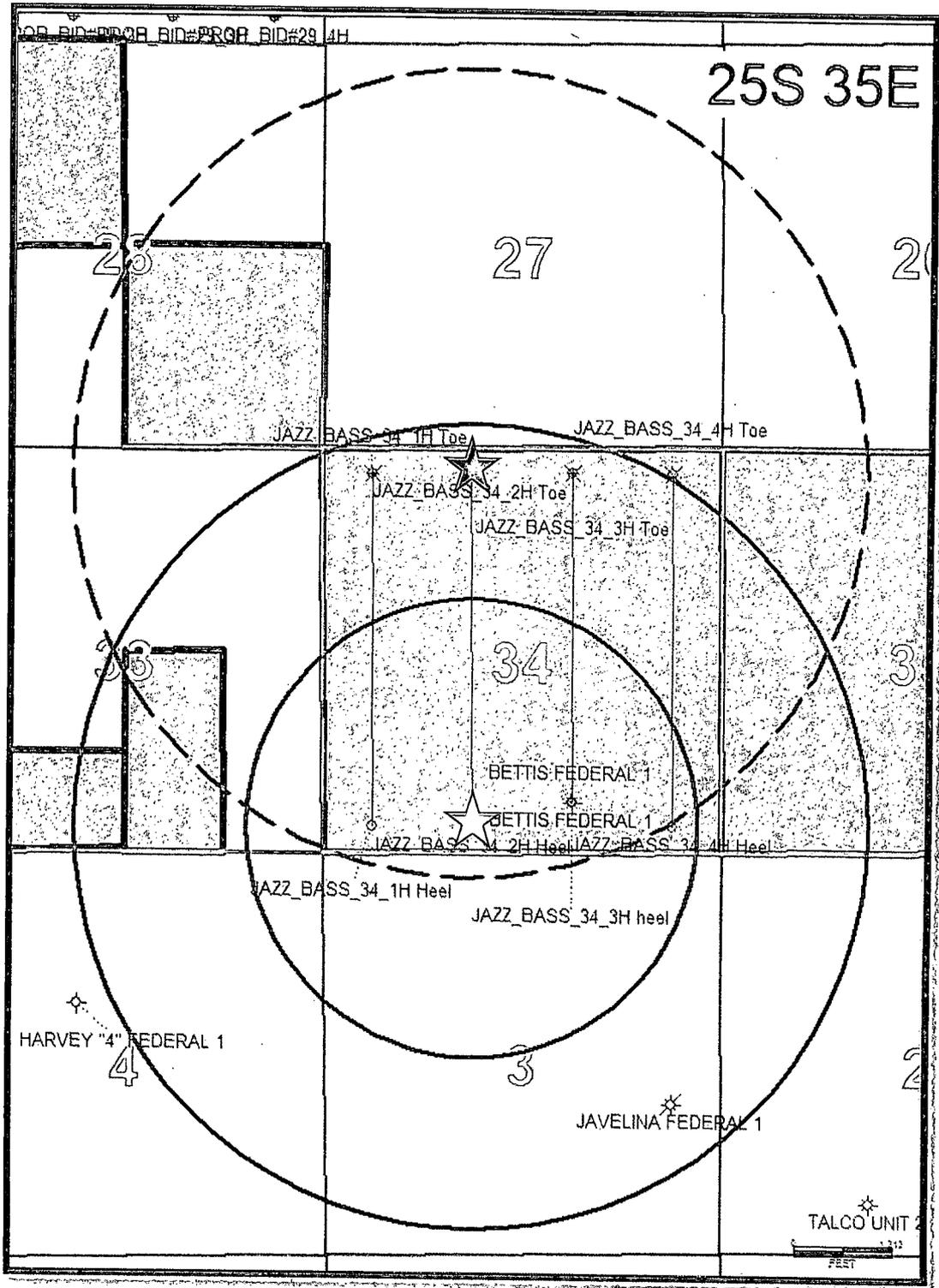
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SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2479

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3344

# Jazzbass 34 Federal-2H



- ☆ Surface Location
- ★ Bottom Hole Location
- Surface 5280' Radius
- Bottom Hole 5280' Radius
- H2S 3000' Radius

## NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

<b>1. NMCRIS Activity No.:</b> 129703	<b>2a. Lead (Sponsoring) Agency:</b> Bureau of Land Management-Carlsbad Field Office	<b>2b. Other Permitting Agency(ies):</b> N/A	<b>3. Lead Agency Report No.:</b> N/A												
<b>4. Title of Report:</b>  Cultural Resource Survey Report for Endurance Resources for Jazz Bass "34" Fed 1H, 2H, 3H and 4H, Frac Pond Location and approximately 4,000 linear feet of Multipurpose ROW within Sections 34, Township 25 South, Range 35 East in Lea County, New Mexico  <b>Author(s)</b> Michael Stowe, M.A., RPA		<b>5. Type of Report</b> <input checked="" type="checkbox"/> Negative <input type="checkbox"/> Positive													
<b>6. Investigation Type</b> <input type="checkbox"/> Research Design <input checked="" type="checkbox"/> Survey/Inventory <input type="checkbox"/> Test Excavation <input type="checkbox"/> Excavation <input type="checkbox"/> Collections/Non-Field Study <input type="checkbox"/> Overview/Lit Review <input type="checkbox"/> Monitoring <input type="checkbox"/> Ethnographic study <input type="checkbox"/> Site specific visit <input type="checkbox"/> Other															
<b>7. Description of Undertaking (what does the project entail?):</b> Endurance Resources LLC. proposes to construct the Jazz Bass "34" Fed 1H, 2H, 3H and 4H, Frac Pond Location and approximately 4,000 linear feet of Multipurpose ROW within Sections 34, Township 25 South, Range 35 East in Lea County, New Mexico. The well pads are located in the southern portion of Section 34. A total of roughly 4,000 linear feet of multi-purpose ROW was also surveyed that include pipeline, lease road and overhead electric ROW. A 350' by 350' frac pond location was surveyed that is located immediately west of the 3H existing well pad location and east of an improved north/ south caliche road. A portion of the frac pond is located within the survey area for the 3H well pad location. An additional buffer of 200' was surveyed around the frac pond location. A survey buffer of 45 feet was surveyed on each side of the ROW centerline. In addition to the 400' by 400' well pad locations; a 200' buffer was surveyed around the perimeter of the well location for a total survey area of 600' by 600'. All lands surveyed for the project area are owned and administered by the Bureau of Land Management-Carlsbad Field Office.		<b>8. Dates of Investigation: (from: 2/7/2014 to: 2/7/2014)</b>  <b>9. Report Date: February 8, 2014</b>													
<b>10. Performing Agency/Consultant:</b> Advanced Archaeological Solutions (ADAS) Principal Investigator: Michael Stowe, M.A., RPA Field Supervisor: Michael Stowe, M.A., RPA Field Personnel Names: Michael Stowe, M.A., RPA		<b>11. Performing Agency/Consultant Report No.:</b> AAS 14-238  <b>12. Applicable Cultural Resource Permit No(s):</b> BLM 216-2920-06B, NM State Permit 14-172													
<b>13. Client/Customer (project proponent):</b> Endurance Resources Contact: Kale Jackson Address: 11382 Lovington HWY Artesia, NM 88210 Phone: (575) 9143355		<b>14. Client/Customer Project No.:</b> N/A													
<b>15. Land Ownership Status (<u>Must</u> be indicated on project map):</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 60%;">Land Owner</th> <th style="width: 20%;">Acres Surveyed</th> <th style="width: 20%;">Acres in APE</th> </tr> </thead> <tbody> <tr> <td>Bureau of Land Management-Carlsbad Field Office</td> <td style="text-align: center;">37.65</td> <td style="text-align: center;">37.65</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: right;"><b>TOTALS</b></td> <td style="text-align: center;"><b>37.65</b></td> <td style="text-align: center;"><b>37.65</b></td> </tr> </tbody> </table>				Land Owner	Acres Surveyed	Acres in APE	Bureau of Land Management-Carlsbad Field Office	37.65	37.65				<b>TOTALS</b>	<b>37.65</b>	<b>37.65</b>
Land Owner	Acres Surveyed	Acres in APE													
Bureau of Land Management-Carlsbad Field Office	37.65	37.65													
<b>TOTALS</b>	<b>37.65</b>	<b>37.65</b>													

16 Records Search(es):

Date(s) of ARMS File Review 1/24/14	Name of Reviewer(s) M.Stowe	
Date(s) of NR/SR File Review 1/24/14	Name of Reviewer(s) M.Stowe	
Date(s) of Other Agency File Review 1/24/14	Name of Reviewer(s) M.Stowe	Agency BLM-Carlsbad, Bruce Boeke

17. Survey Data:

- a. Source Graphics  NAD 27  NAD 83  
 USGS 7.5' (1:24,000) topo map  Other topo map, Scale:  
 GPS Unit Accuracy  <1.0m  1-10m  10-100m  >100m

b. USGS 7.5' Topographic Map Name USGS Quad Code

Javelina Basin, NM	32103-A3

c. County(ies): Lea County

17. Survey Data (continued):

d. Nearest City or Town: Eunice, NM

e. Legal Description:

Township (N/S)	Range (E/W)	Section	¼	¼	¼
25 South	35 East	34	Southern Portion		

Projected legal description? Yes [ x ], No [ ] Unplatted [ ]

f. Other Description (e.g. well pad footages, mile markers, plats, land grant name, etc.):

The project includes the Jazz Bass "34" Fed 1H (330 FSL; 660 FWL), 2H (330 FSL; 1,980 FWL), 3H (660 FSL; 1,980 FEL) and 4H (330 FSL; 660 FEL), Frac Pond Location and approximately 4,000 linear feet of Multipurpose ROW within Sections 34, Township 25 South, Range 35 East in Lea County, New Mexico. The well pads are located in the southern portion of Section 34. A total of roughly 4,000 linear feet of multi-purpose ROW was also surveyed that include pipeline, lease road and overhead electric ROW. A 350' by 350' frac pond location was surveyed that is located immediately west of the 3H existing well pad location and east of an improved north/south caliche road. A portion of the frac pond is located within the survey area for the 3H well pad location. An additional buffer of 200' was surveyed around the frac pond location. A survey buffer of 45 feet was surveyed on each side of the ROW centerline. In addition to the 400' by 400' well pad locations; a 200' buffer was surveyed around the perimeter of the well location for a total survey area of 600' by 600'. All lands surveyed for the project area are owned and administered by the Bureau of Land Management-Carlsbad Field Office. Please see attached survey map and BLM record check map for precise locational information and land ownership.

18. Survey Field Methods:

Intensity:  100% coverage  <100% coverage

Configuration:  block survey units  linear survey units (l x w): 4,000 linear feet  other survey units (specify):

Scope:  non-selective (all sites recorded)  selective/thematic (selected sites recorded)

Coverage Method:  systematic pedestrian coverage  other method (describe)

Survey Interval (m): 15 Crew Size: 1 Fieldwork Dates: 2/7/2014 (1 Day)

Survey Person Hours: 4 Recording Person Hours: 0 Total Hours: 4

Additional Narrative:

The project area was delineated by coordinates marked on maps and by engineering flagging tape placed along the corridor route provided by the client, Endurance Resources/ Madron Surveying Company. Archaeologists used known topographic landmarks and associated project coordinates in conjunction with GPS units to locate accurate project R-O-W boundaries. The Survey crew walked multiple, parallel, non-overlapping transects spaced at approximately 50 ft (15 m) intervals, in accordance with Federal and State guidelines. All cultural resources encountered were documented these resources were categorized as I.O.s (Isolated Occurrences) or archaeological sites.

During a preliminary records search of state and federal files two archaeological sites (LA 150010, LA 149779) were noted within ½ mile of the project area. LA 149779 is a low-density artifact scatter composed of ceramics (El Paso brownware and Jornada Brown), lithic debitage, stone tool manufacturing items and ground stone along with a scatter of FCR. No features were observed. The site was assigned a Late Formative temporal affiliation (A.D. 1200-1450). The site was recommended

eligible under criterion D (HPD log 76766. LA 150010 is a low-density artifact scatter composed of chipped-stone tools, lithic debitage, stone tool manufacturing items and ground stone along with a scatter of FCR. Two features were noted, a ash stain and a midden. The site was assigned an unspecified Prehistoric temporal affiliation (10,000 B.C.-A.D. 1450) The site was recommended eligible under criterion D (HPD log 76153. LA 150010 is located roughly 250 meters to the north of the 1H well pad location and was ground-truthed during the current project to confirm its size and location outside the proposed undertaking. Both of these sites are located well outside of the proposed project area (well north and south of the proposed well pads and linear ROW locations) or the proposed area of potential effect and will not be affected by this undertaking.

**19. Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.):**  
 The project area is located within a dunal desert rangeland that has been impacted by numerous sheetwashing events and wind erosion. The topography consists of mesquite, shinnery oak, yucca and grass stabilized sand sheet with few intermixed gravels. The vegetation consists of mesquite, yucca, and assorted range grasses and forbs which provide 75-100 percent surface visibility. The soils consist of light tan silty sand with a large amount of intermixed caliche gravels. Elevation within the project area is approximately 3150 and 3200 feet above mean sea level (AMSL).

**20. a. Percent Ground Visibility: 75-100 percent b. Condition of Survey Area (grazed, bladed, undisturbed, etc.):**  
 Disturbed and portions of undisturbed, it should be noted that portions of the well pad and Multi-use ROW location have been severely impacted by water erosion (i.e. sheetwashing). In addition, proximity to existing unimproved roadway and previous oil and gas activities have added to the impacts to the project area.

**21. CULTURAL RESOURCE FINDINGS**  Yes, See Page 3  No, Discuss Why:  
 Sterile of cultural materials due in large part to a majority of the project area having been disturbed by various previous oil and gas activities (existing well location atop the 3H well location) and roadways (bordering all ROW locations).

<p><b>22. Required Attachments (check all appropriate boxes):</b>  <input checked="" type="checkbox"/> USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn  <input checked="" type="checkbox"/> Copy of NMCRIS Mapserver Map Check  <input type="checkbox"/> LA Site Forms - new sites (<i>with sketch map &amp; topographic map</i>)  <input type="checkbox"/> LA Site Forms (update) - previously recorded &amp; un-relocated sites (<i>first 2 pages minimum</i>)  <input type="checkbox"/> Historic Cultural Property Inventory Forms  <input type="checkbox"/> List and Description of isolates, if applicable  <input type="checkbox"/> List and Description of Collections, if applicable</p>	<p><b>23. Other Attachments:</b>  <input checked="" type="checkbox"/> Photographs and Log  <input checked="" type="checkbox"/> Other Attachments  <i>(Describe):</i> Well pad Survey Plats, BLM Record Check Map</p>
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**24. I certify the information provided above is correct and accurate and meets all applicable agency standards.**  
 Principal Investigator/Responsible Archaeologist: Michael Stowe, M.A., RPA  
 Signature  Date 2/8/14 Title (if not PI): Principal Investigator

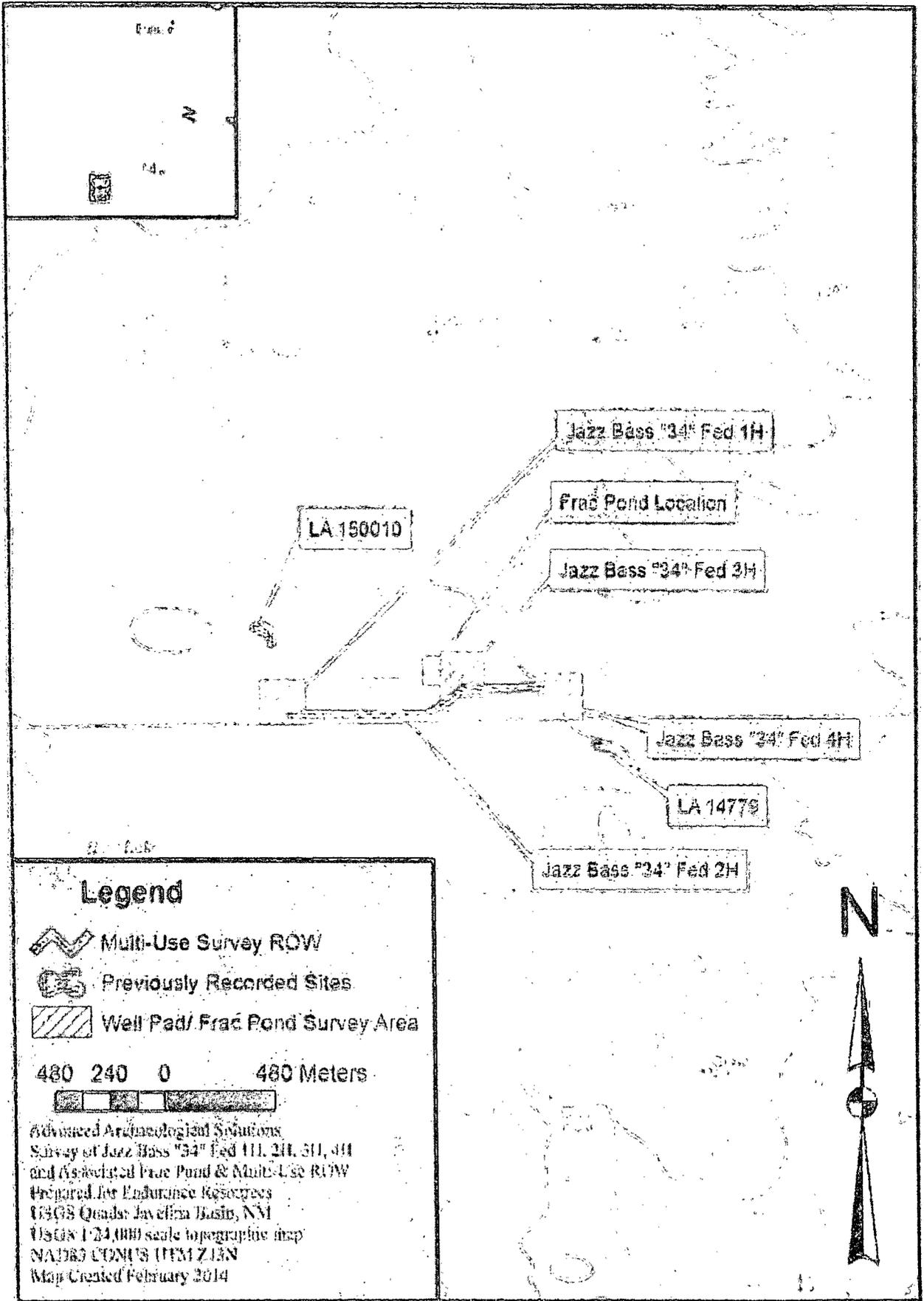
**25. Reviewing Agency:**  
 Reviewer's Name/Date  
 Accepted ( ) Rejected ( )  
 Tribal Consultation (if applicable):  Yes  No

**26. SHPO**  
 Reviewer's Name/Date:  
 HPD Log #:  
 SHPO File Location:  
 Date sent to ARMS:

# CULTURAL RESOURCE FINDINGS

[fill in appropriate section(s)]

<b>1. NMCRIS Activity No.:</b> 129703	<b>2. Lead (Sponsoring) Agency:</b> BLM- Carlsbad Field Office	<b>3. Lead Agency Report No.:</b> N/A
<p><b>SURVEY RESULTS:</b> Sites discovered and registered: 0 Sites discovered and NOT registered: 0 Previously recorded sites revisited (site update form required): 0 Previously recorded sites not relocated (site update form required): 0 TOTAL SITES VISITED: 0 Total isolates recorded: 0      Non-selective isolate recording? <input type="checkbox"/> Total structures recorded (new and previously recorded, including acequias): 0</p> <p><b>MANAGEMENT SUMMARY:</b> No new archaeological sites or historic properties (built environment) were encountered during the current survey. During a preliminary records search of state and federal files two archaeological sites (LA 150010, LA 149779) were noted within ½ mile of the project area. LA 149779 is a low-density artifact scatter composed of ceramics (El Paso brownware and Jornada Brown), lithic debitage, stone tool manufacturing items and ground stone along with a scatter of FCR. No features were observed. The site was assigned a Late Formative temporal affiliation (A.D. 1200-1450). The site was recommended eligible under criterion D (HPD log 76766. LA 150010 is a low-density artifact scatter composed of chipped-stone tools, lithic debitage, stone tool manufacturing items and ground stone along with a scatter of FCR. Two features were noted, a ash stain and a midden. The site was assigned an unspecified Prehistoric temporal affiliation (10,000 B.C.-A.D. 1450) The site was recommended eligible under criterion D (HPD log 76153. LA 150010 is located roughly 250 meters to the north of the 1H well pad location and was ground-truthed during the current project to confirm its size and location outside the proposed undertaking. Both of these sites are located well outside of the proposed project area (well north and south of the proposed well pads and linear ROW locations) or the proposed area of potential effect and will not be affected by this undertaking.</p> <p>Archaeological clearance for construction of the Jazz Bass "34" Fed 1H, 2H, 3H and 4H, Frac Pond Location and approximately 4,000 linear feet of Multipurpose ROW within Sections 34, Township 25 South, Range 35 East in Lea County, New Mexico is recommended to proceed as currently staked. The BLM and Advanced Archaeological Solutions should be immediately notified if cultural resources are encountered during the construction phase of this undertaking.</p>		



**Legend**

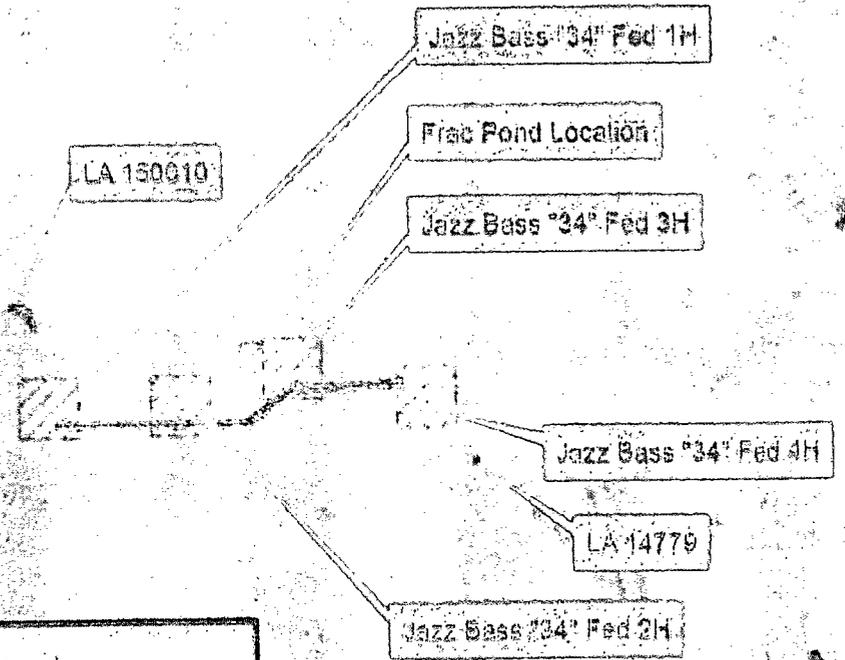
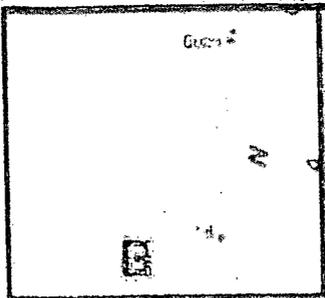
-  Multi-Use Survey ROW
-  Previously Recorded Sites
-  Well Pad/ Frac Pond Survey Area

480 240 0 480 Meters



Advanced Archaeological Solutions  
 Survey of Jazz Bass #34 Fed 1H, 2H, 3H, 4H  
 and Associated Frac Pond & Multi-Use ROW  
 Prepared for Endurance Resources  
 USGS Quads Javelina Basin, NM  
 USGS 1:24,000 scale topographic map  
 NAD83 CONUS UTM Z18N  
 Map Created February 2014





**Legend**

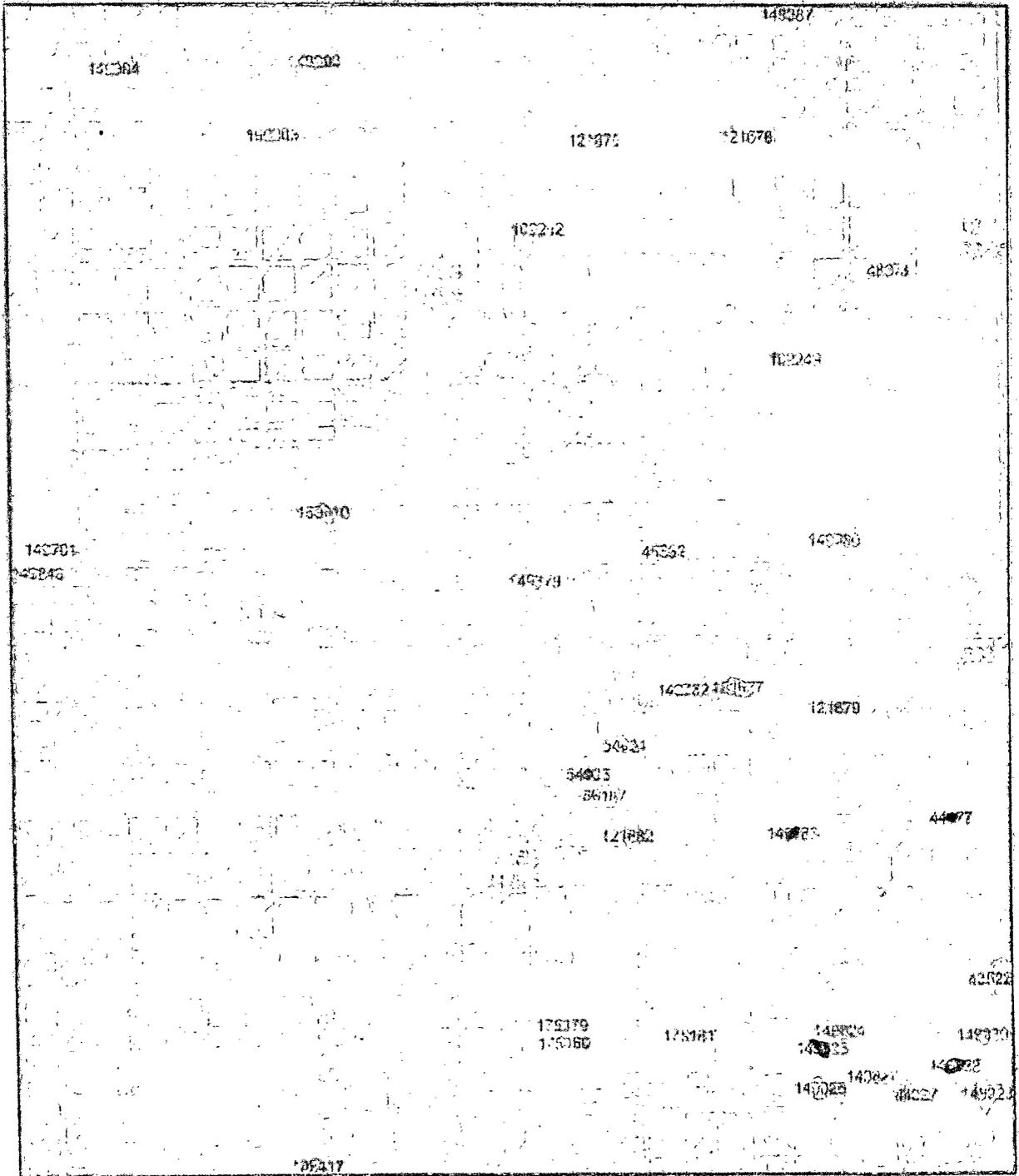
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480 240 0 480 Meters

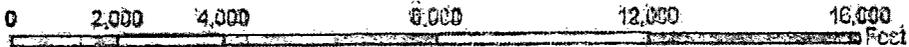
Advanced Archaeological Solutions  
Survey of Jazz Bass "34" Fed 1H, 2H, 3H, 4H  
and Associated Frac Pond & Multi-Use ROW  
Prepared for Efficiency Resources  
Google Satellite Imagery  
1:24,000 scale map  
NAD83 CONUS UTM Z11N  
Map Created February 2014



# BLM Map



1:38,303



# NMCRIS DCA Core Spatial Application

[CTA Training and Documentation](#)  
[Web Mapping Application Help](#)

Editor PLS Quad IDs Quad Names Geog Names Surveys Sites Structs Bldgs Objects Linobr Props Dists Print

Results

Map Contents

- nmcris
  - Archaeological Sites
  - Architecture Resources
  - Properties and Districts
  - NMCRIS Activities
  - Other Layers
- Background Reference Layers
  - Counties
  - Towns
  - DRGs
- 1991 2000 NAIP Color Aerial Photos
- Satellite Imagery
  - ESAI\_Imagery\_World\_2D

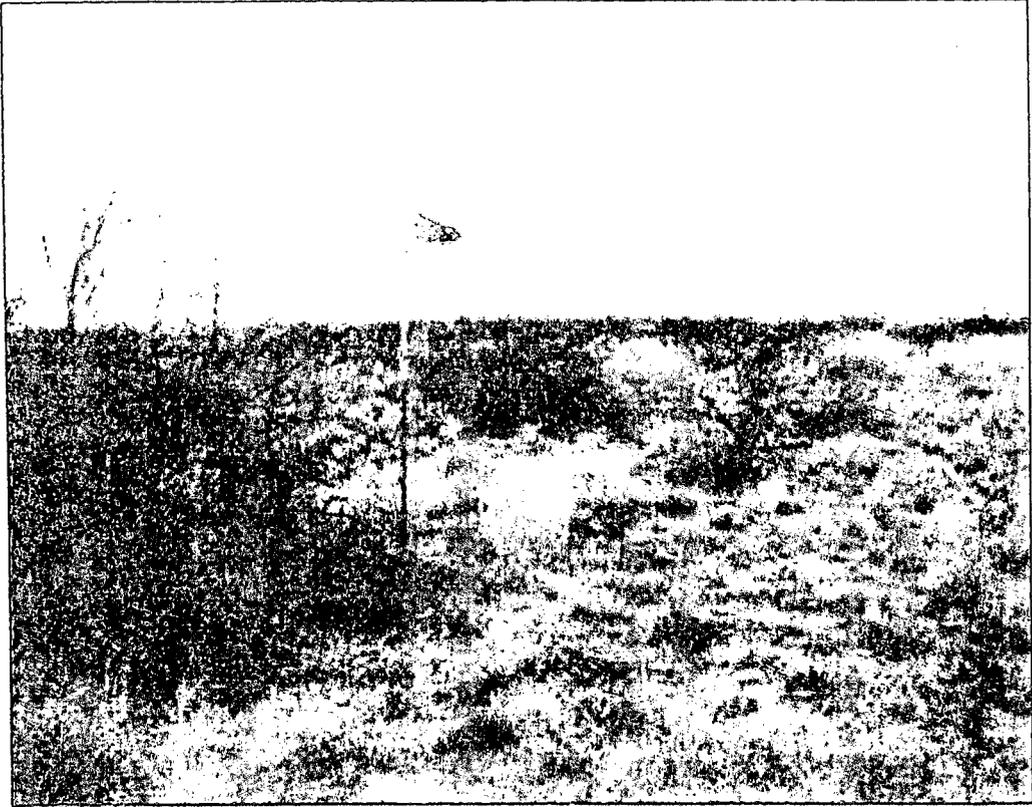




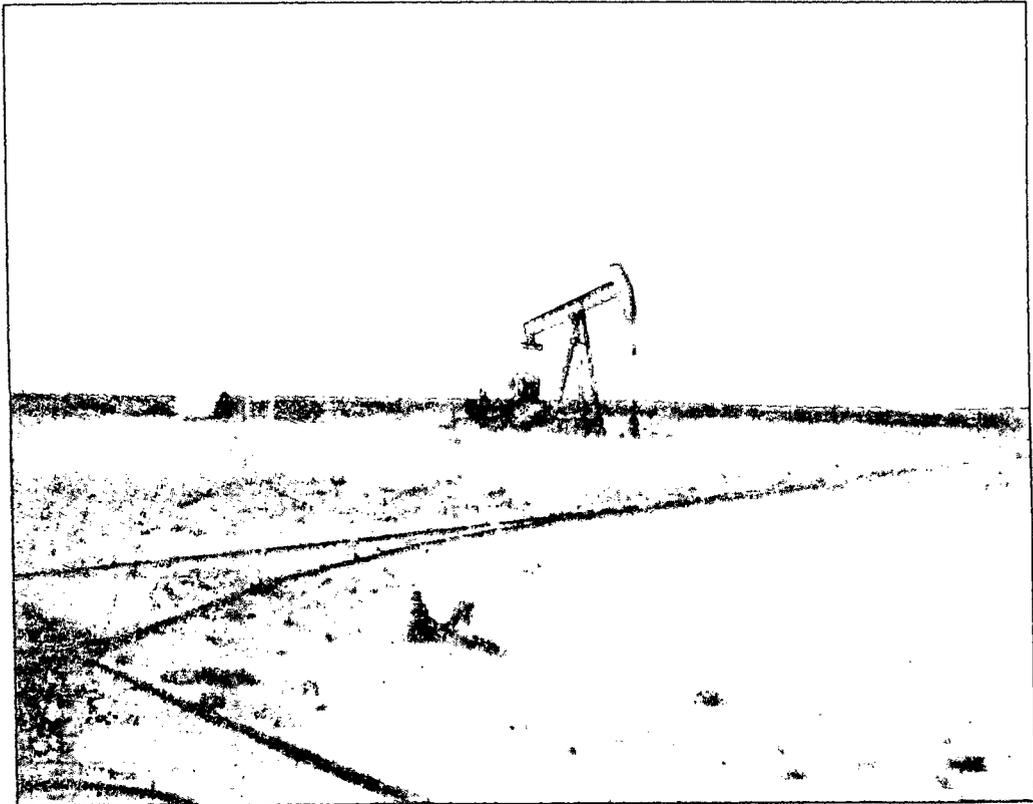
Overview of Jazz Bass 34 Fed 1H well pad area.



Overview of Multi-use ROW looking west along survey area.



Overview of Jazz Bass 34 Fed 2H well pad area.



Overview of Jazz Bass 34 Fed 3H well pad area.



Overview of proposed frac pond location



Overview of Jazz Bass 34 Fed 4H well pad area.

Form  
 State of New Mexico  
 Energy, Minerals & Natural Resources Department  
 Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87503

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87503

Form O-102  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

*API Number		*Well No.		*Well No.			
*Dedicator		*Property Name				*Well No.	
270339		JAZZBASS 34 FEDERAL				1H	
*Operator		*Operator				*Well No.	
270339		ENDURANCE RESOURCES, LLC				31920	

* Surface Location										
Section	Range	Township	County	Latitude	Longitude	Direction	Section	Range	Township	County
34	33S	33E	330	NORTH	640	WEST	34	33S	33E	LEA

* Bottom Hole Location If Different From Surface										
Section	Range	Township	County	Latitude	Longitude	Direction	Section	Range	Township	County
34	33S	33E	330	NORTH	630	WEST	34	33S	33E	LEA

No allowable well be assigned to this completion until all interests have been correctly listed on a site standard well log form approved by the Division.

**\* OPERATOR CERTIFICATION**

I hereby certify that the information furnished on this plat is true and correct to the best of my knowledge and belief, and that I am a duly qualified and licensed operator under the laws of the State of New Mexico.

\_\_\_\_\_  
 Date: \_\_\_\_\_

**\* SURVEYOR CERTIFICATION**

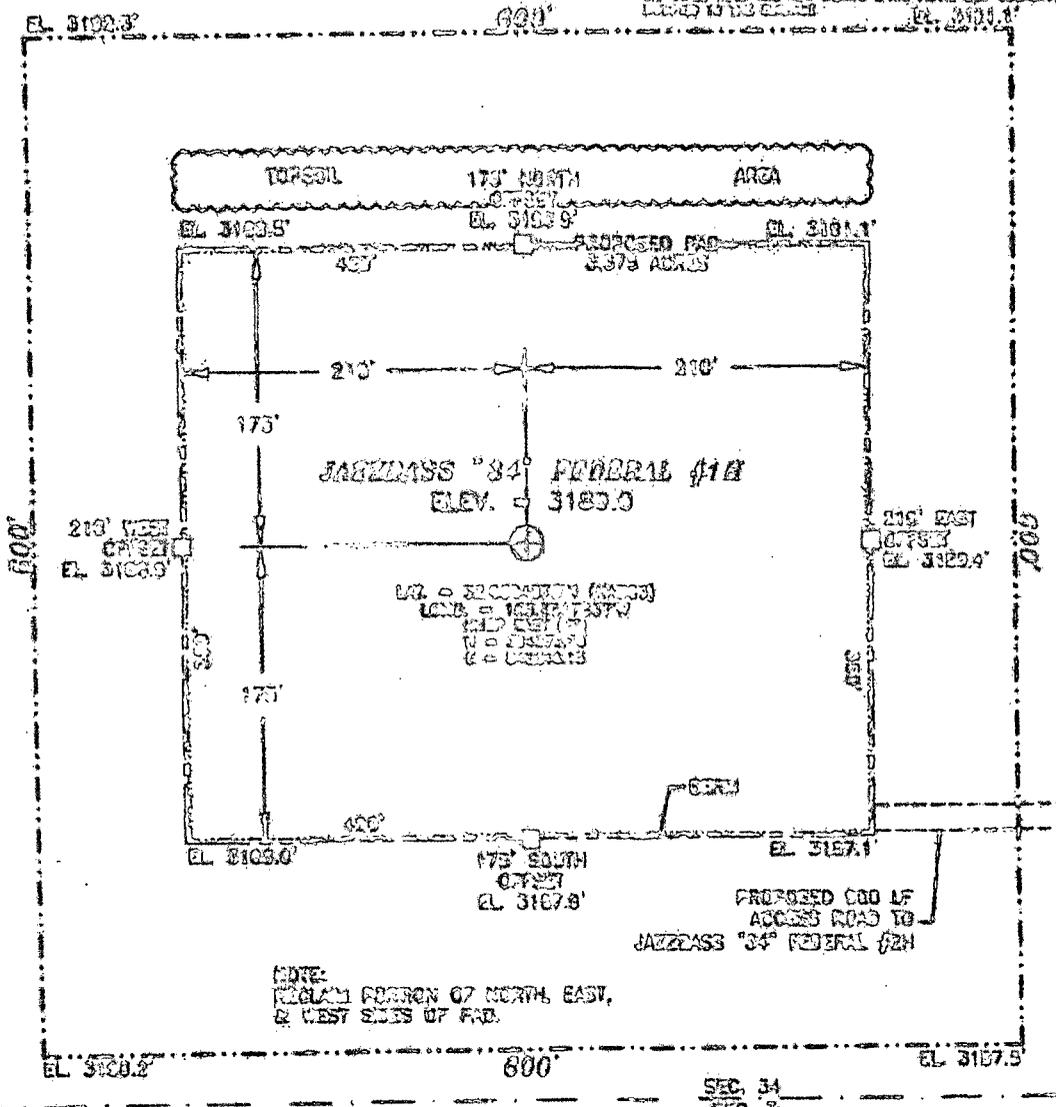
I hereby certify that the information furnished on this plat is true and correct to the best of my knowledge and belief, and that I am a duly qualified and licensed surveyor under the laws of the State of New Mexico.

\_\_\_\_\_  
 Date: \_\_\_\_\_

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

THIS SURVEY AND MAP ARE PREPARED BY THE SURVEYOR FROM THE FIELD DATA TAKEN BY HIMSELF OR UNDER HIS CLOSE PERSONAL SUPERVISION AND TO THE BEST OF HIS KNOWLEDGE AND BELIEF THEY ACCURATELY REPRESENT THE FACTS AND CONDITIONS AS SHOWN IN THE FIELD.



0 50 100 200  
SCALE 1" = 100'  
CONFORMS TO STANDARD  
FROM THE SURVEYOR OF OR 2 (STATE AND AN O. AND  
APPROX. ROAD OR DIST. OR EL. ROAD STATION FROM THE SURVEY  
11.0 (MAY BE PLACED ON 49' CENTER LINE ROAD APPROX. 11  
MAY BE PLACED ON APPROX. 0.4 OF A NEW VOT.

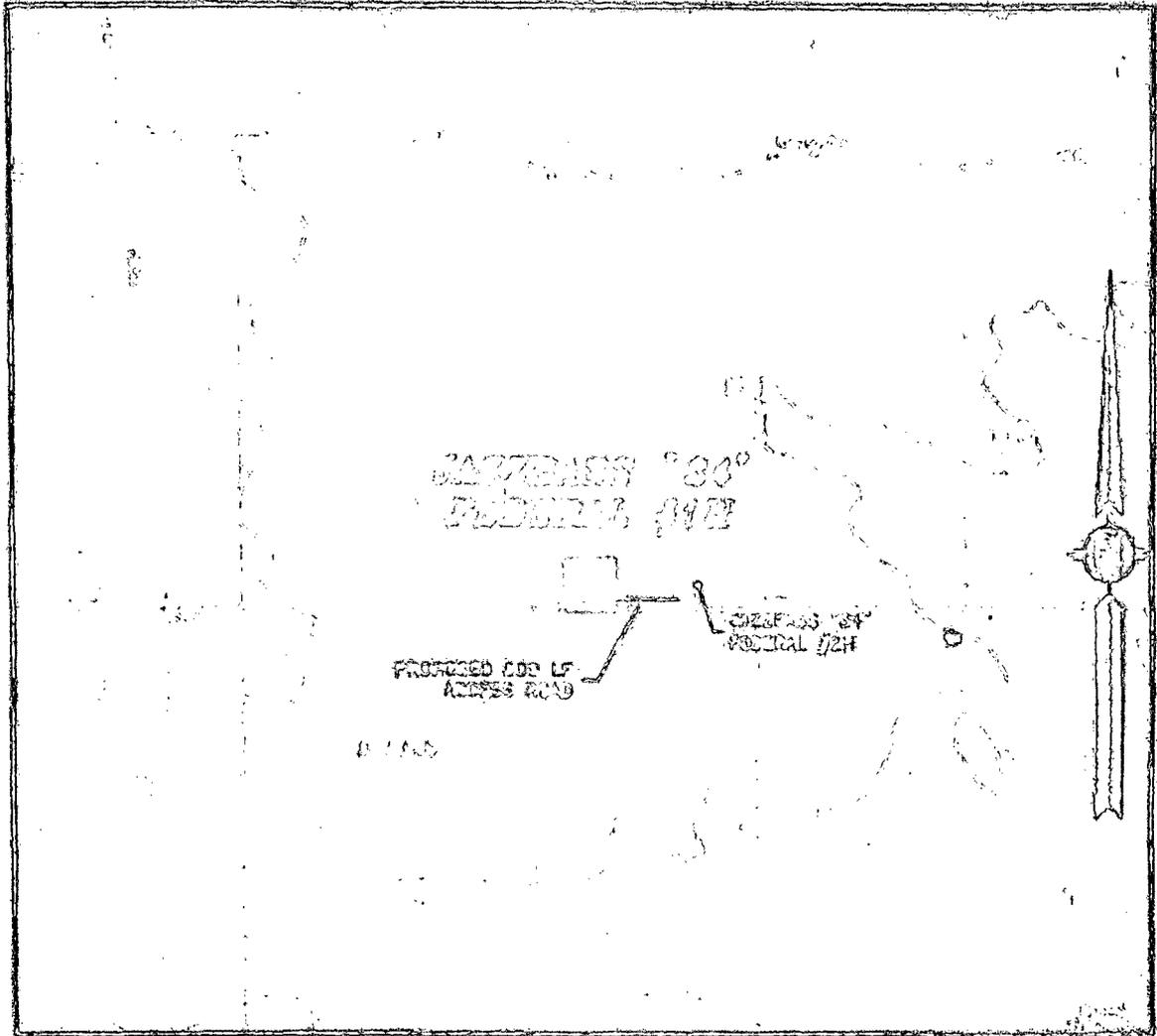
ENDURANCE RESOURCES, LLC  
JAZZBASS "34" FEDERAL #1H  
LOCATED 330 FT. FROM THE SOUTH LINE  
AND 600 FT. FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



DEED GRID MAP:  
JAVIERA DASH

NOT TO SCALE

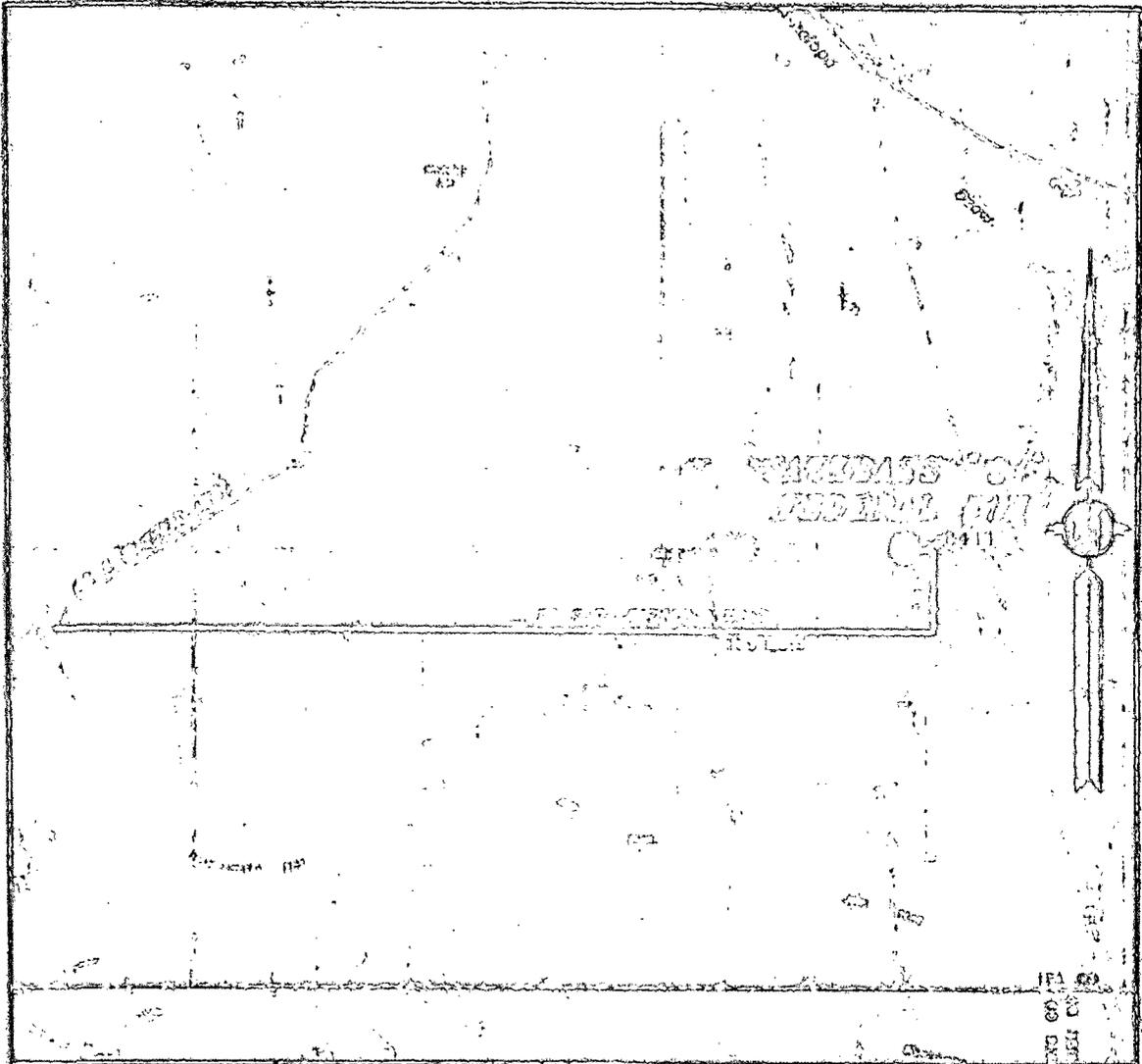
ENDURANCE RESOURCES, LLC  
JAZZBAISS #34 FEDERAL #1H  
LOCATED 990 FT. FROM THE SOUTH LINE  
AND 660 FT. FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 26 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2018

SURVEY NO. 2478

MADRON SURVEYING, INC. 3525 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 VICINITY MAP



NOT TO SCALE

ENDURANCE RESOURCES, LLC  
 JAZZBASS "34" FEDERAL #111  
 LOCATED 330 FT. FROM THE SOUTH LINE  
 AND 680 FT. FROM THE WEST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

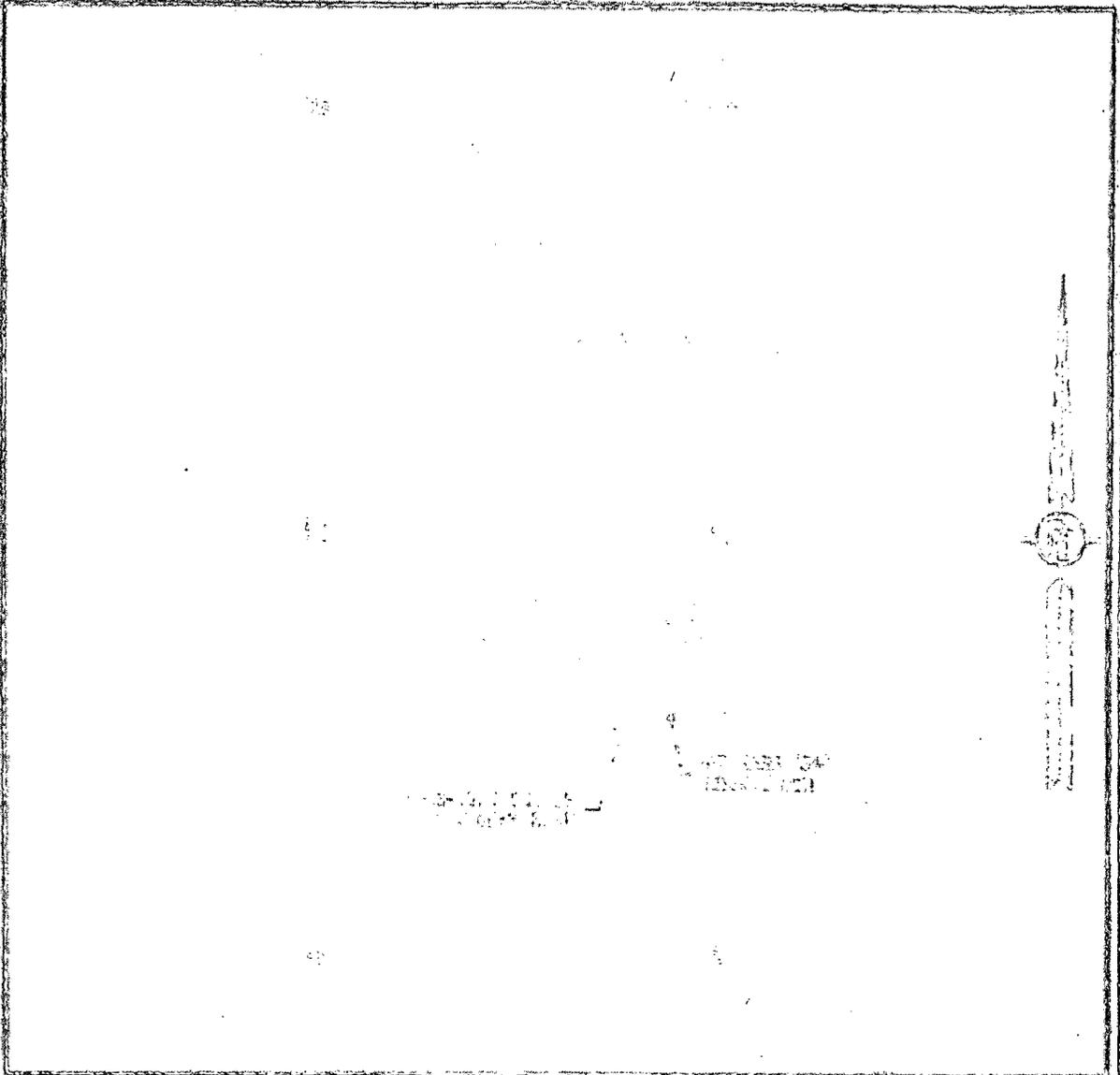
DIRECTION TO LOCATION  
 FROM THE INTERSECTION OF CO. 2 NORTH AND CO. 6 WEST  
 RUNNING WEST 60 FEET TO A 1/4 CORNER (20) AND NORTH  
 11.0 FEET, CO. NORTH BY 10' CORNER (20) AND SOUTH 1.1  
 FEET, LOCATION IS APPROX. 84' BY A NEAR GUY.

NOVEMBER 20, 2013

SURVEY NO. 2478

MADRON SURVEYING, INC. 5555 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GEOGRAPHIC PARTIAL  
APRIL 2018

ENDURANCE RESOURCES, LLC  
JAZZBASS "34" FEDERAL #1H  
LOCATED 330 FT. FROM THE SOUTH LINE  
AND 660 FT. FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2018

SURVEY NO. 2478

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
 OIL CONSERVATION DIVISION  
 1250 South St. Francis Dr.  
 Santa Fe, NM 87503

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 1250 South St. Francis Dr.  
 Santa Fe, NM 87503

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

*API Number		*BBLs		*Pool Size	
*Precinct Code		*County Name		*Oil State	
270029		SANTA FE		NM	
*Well Name		*Operator Name		*Well No.	
JAZZS 88S 34 FEDERAL		ENDURANCE RESOURCES, LLC		31009	
* Surface Location					
Section	Range	Township	Range	Section	County
N	34	25S	35E	310	LEA
* Bottom Hole Location If Different From Surface					
Section	Range	Township	Range	Section	County
C	34	25S	35E	310	LEA
*Well Depth	*Well Type	*Completion Date	*Notes		

No identifiable well is assigned to this completion and all boreholes have been abandoned or a non-standard well has been approved by the division.

**JAZZS 88S 34 FEDERAL 0311**  
 ELEV. = 5262.0'  
 LAT. = 35° 22' 38.00" N  
 LONG. = 105° 57' 50.00" W  
 MSLP EAST (FT)  
 N = 5262.00  
 E = 5262.00

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was surveyed from a minimum of three corner monuments by the use of the traverse method and that the same is correct to the best of my ability.

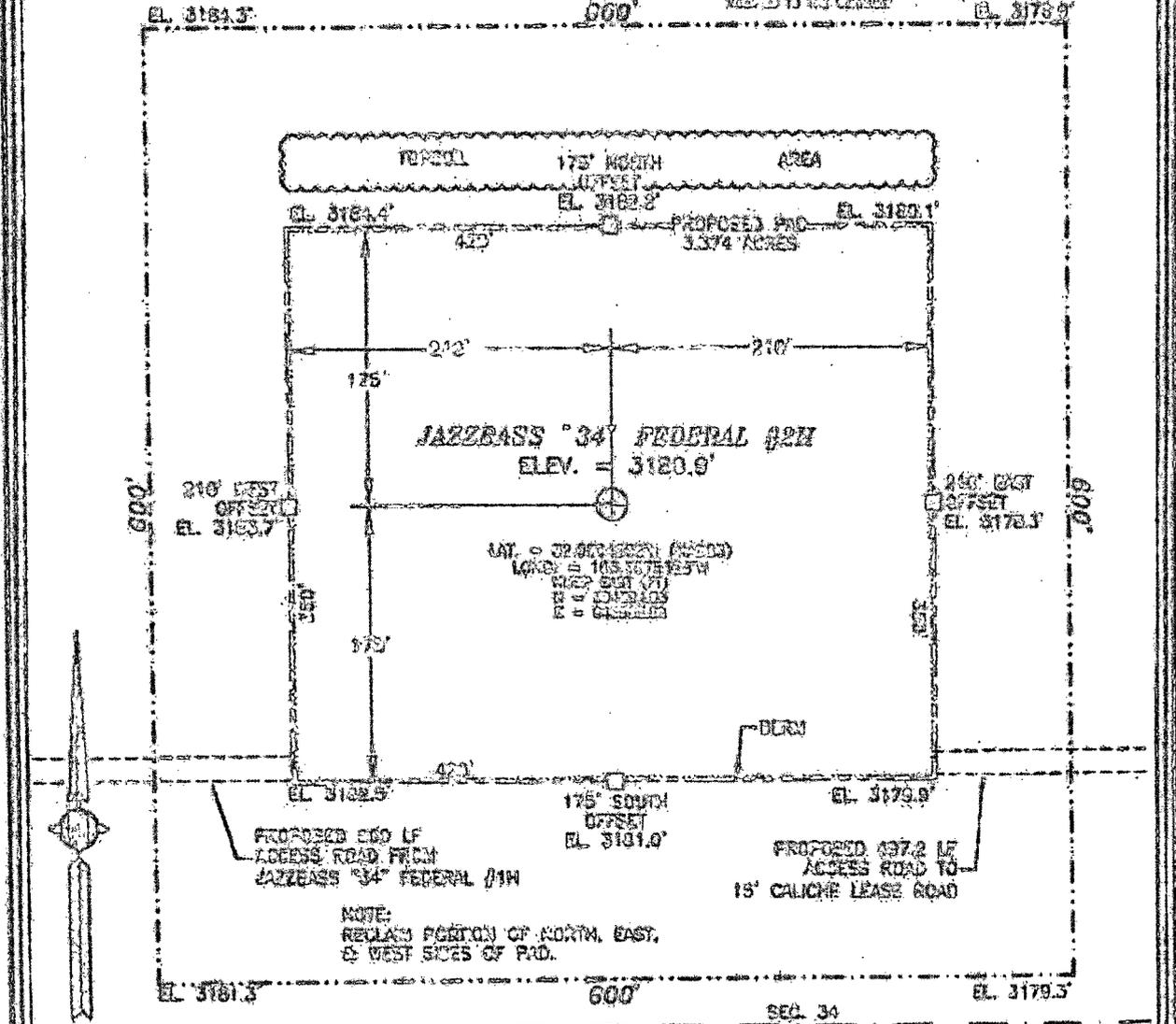
\_\_\_\_\_  
 Surveyor

\_\_\_\_\_  
 Licensed Professional Engineer No. 11779  
 SURVY NO. 249

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

THIS MAP IS A SURVEY OF A PORTION OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO. THE SURVEY WAS MADE BY THE SURVEYOR GENERAL OF NEW MEXICO, AND THE RESULTS ARE HEREBY CERTIFIED TO BE CORRECT AND ACCURATE.



0 50 100 200  
SCALE 1" = 100'  
DISTANCES TO EAST LINE  
FROM THE INTERSECTION OF THE 175' NORTH AND 175' SOUTH  
OFFSETS TO THE EAST LINE OF THE PROPOSED PARCEL ARE:  
11.9 FEET TO THE 15' CALICHE LEASE ROAD AND 1.1  
FEET TO THE EAST LINE OF THE FOREST AREA.

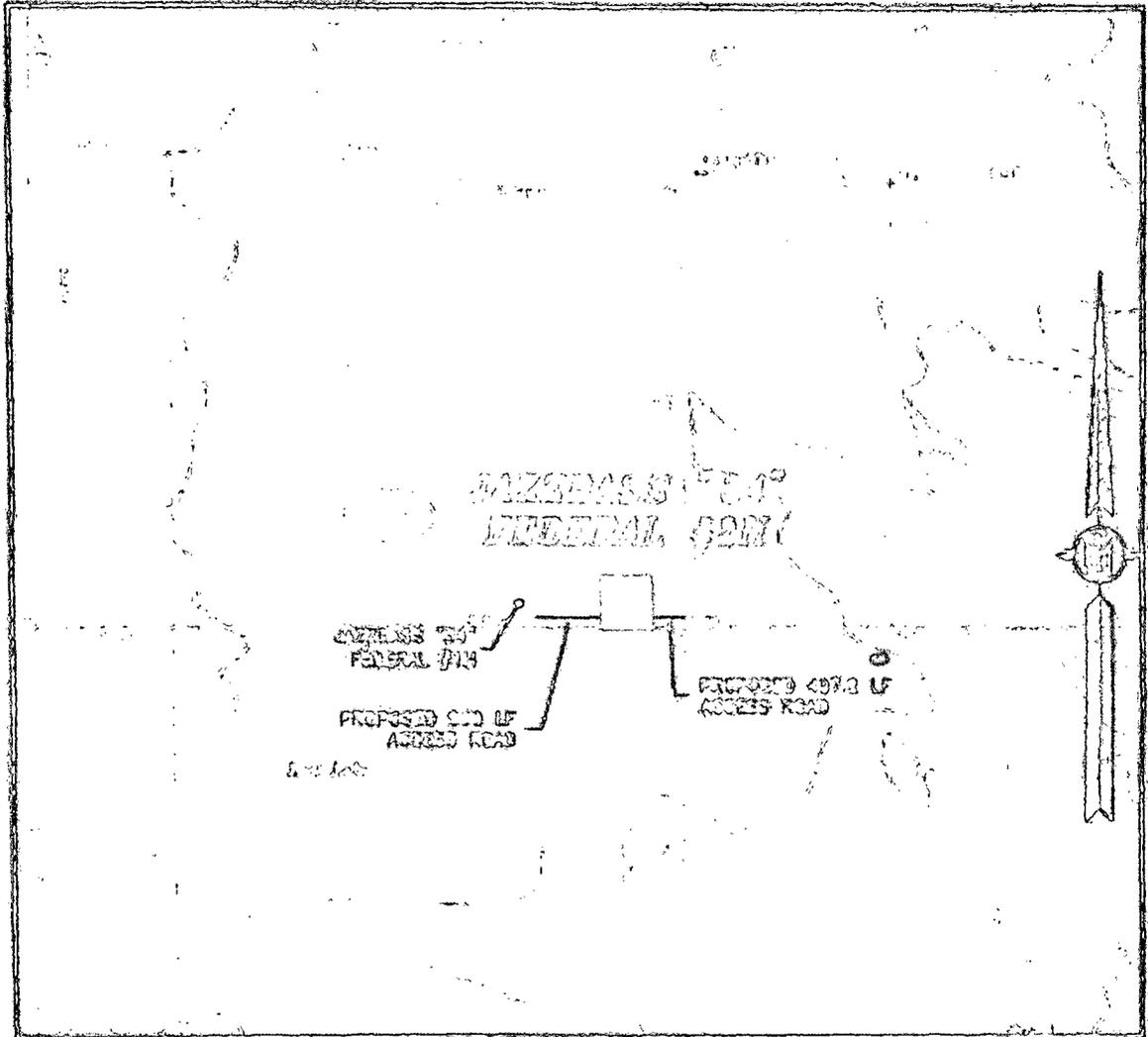
ENDURANCE RESOURCES, LLC  
JAZZBASS "34" FEDERAL #2H  
LOCATED 390 FT. FROM THE SOUTH LINE  
AND 1980 FT. FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2479

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
**LOCATION VERIFICATION MAP**



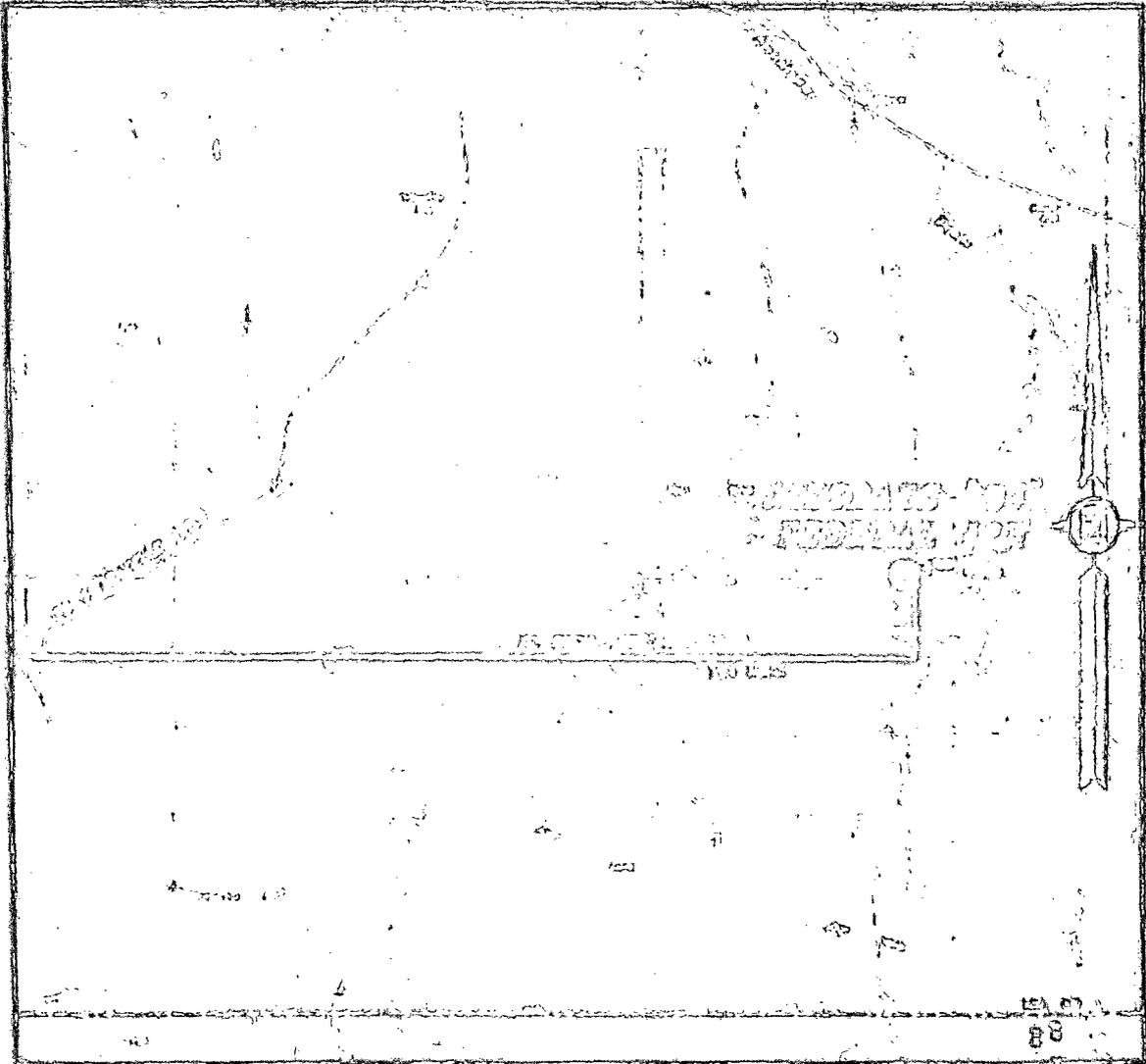
ENDURANCE RESOURCES, LLC  
 JAZZEASS "34" FEDERAL #28  
 LOCATED 880 FT. FROM THE SOUTH LINE  
 AND 1930 FT. FROM THE WEST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2010

SURVEY NO. 2479

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 85 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 VICINITY MAP



NOT TO SCALE

ENDURANCE RESOURCES, LLC  
 JAZZRASS "84" FEDERAL 42H  
 LOCATED 250 FT. FROM THE SOUTH LINE  
 AND 1000 FT. FROM THE WEST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 85 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

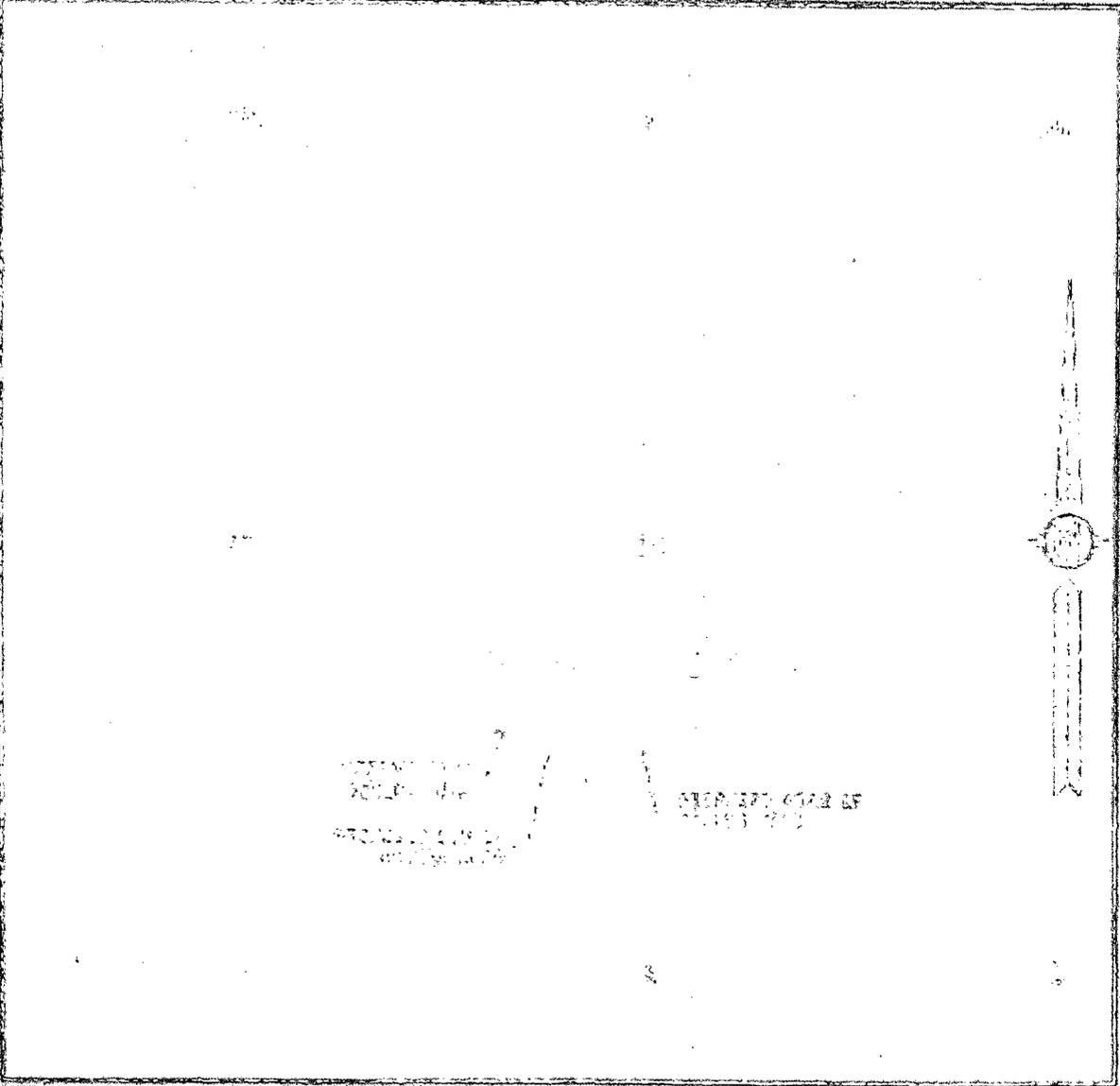
UNDEVELOPED TO ACCURACY  
 FROM THE INFORMATION OF THE SURVEY AND AS SHOWN  
 THEREIN. THIS MAP IS NOT TO BE USED FOR ANY  
 OTHER PURPOSES. THE USER SHALL BE RESPONSIBLE FOR  
 THE ACCURACY OF ANY INFORMATION DERIVED FROM THIS  
 MAP. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF  
 ANY INFORMATION DERIVED FROM THIS MAP.

NOVEMBER 20, 2018

SURVEY NO. 2479

MADRON SURVEYING, INC. WEST CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 26 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GEOLOGIC DATA  
APRIL 2018

ENDURANCE RESOURCES, LLC  
JAZZBASS ° 34° FEDERAL #2H  
LOCATED 830 FT. FROM THE SOUTH LINE  
AND 1900 FT. FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 26 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2018

SURVEY NO. 2479

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

STATE OF NEW MEXICO  
 DEPARTMENT OF ENERGY, MINERALS & NATURAL RESOURCES  
 OIL CONSERVATION DIVISION  
 1230 SOUTH ST. FRANKS DR.  
 SANTA FE, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 1230 South St. Franks Dr.  
 Santa Fe, NM 87505

Form C-192  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

*API No.		*Well Name		*Well No.	
*Prop No.		*Section		*Twp & Rng	
*County No.		*Operator Name		*Well Depth	
13337		JAZZDASH 33 FEDERAL		311	
		ENDURANCE RESOURCES, LLC		3171.0	

\*Surface Location

Section	Range	County	Block	Lot	Section	Range	County	Block	Lot
21	35S	35E	650		SOUTH	1900	EAST		18A

\*Borehole Location if Different from Surface

Section	Range	County	Block	Lot	Section	Range	County	Block	Lot
21	35S	35E	310		NORTH	1900	EAST		18A

*Distance from	*Borehole	*Section	*Range

No alterations will be permitted to this completion until all matters have been resolved and a new completion has been approved by the District.

SECTION 21  
 SECTION 30  
 SECTION 39  
 RANGE 35S  
 COUNTY 35E

**\*OPERATOR CERTIFICATION**

I hereby certify that the well location shown on this plat is correct and that the well location shown on this plat is correct and that the well location shown on this plat is correct.

---

**\*SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat is correct and that the well location shown on this plat is correct.

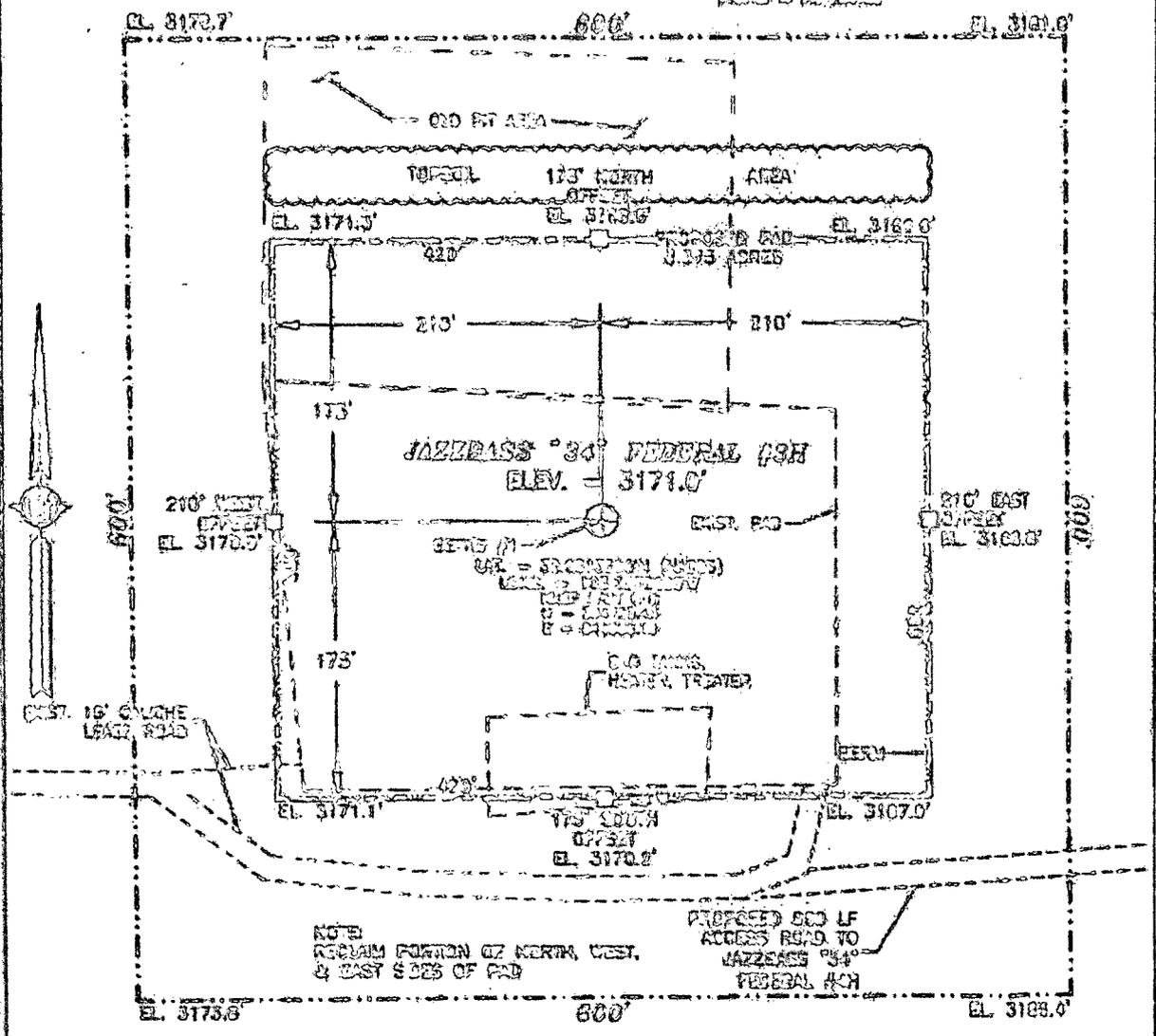
---

ENDURANCE RESOURCES, LLC  
 Santa Fe, NM

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SITE MAP

THIS SITE MAP IS A PRELIMINARY SURVEY AND IS NOT TO BE USED FOR CONVEYANCE OF INTERESTS IN REAL PROPERTY WITHOUT THE ASSISTANCE OF A LICENSED SURVEYOR.



SCALE 1" = 100'  
DISTANCES TO BE MEASURED  
FROM THE CENTERLINE OF A ROAD OR RAILROAD  
UNLESS NOTED TO THE CONTRARY. THE CENTERLINE  
OF A ROAD OR RAILROAD SHALL BE THE CENTERLINE  
UNLESS NOTED TO THE CONTRARY. THE CENTERLINE  
OF A ROAD OR RAILROAD SHALL BE THE CENTERLINE  
UNLESS NOTED TO THE CONTRARY.

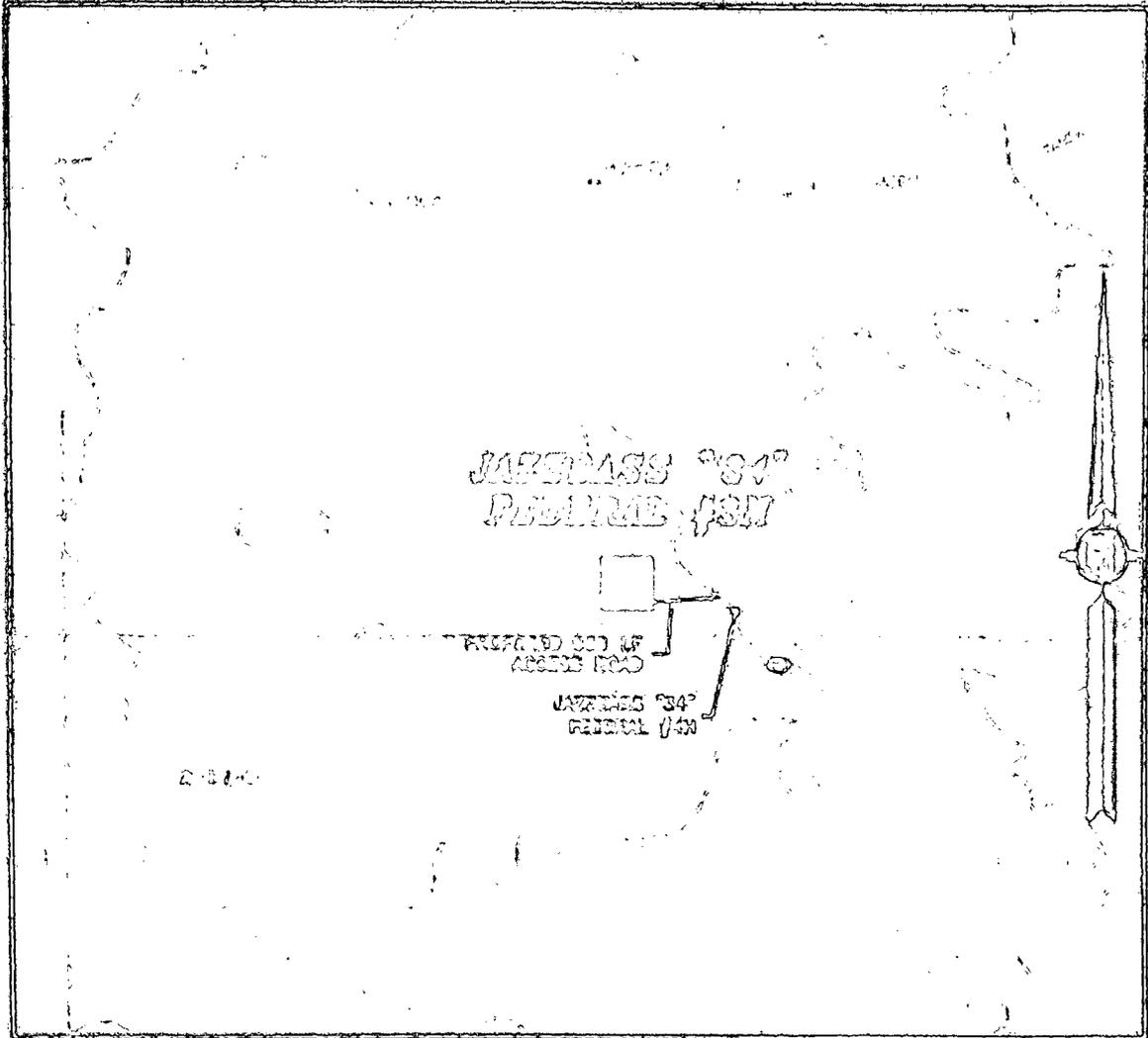
ENDURANCE RESOURCES, LLC  
JAZZBASS "84" FEDERAL #3H  
LOCATED 600 FT. FROM THE SOUTH LINE  
AND 1930 FT. FROM THE EAST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

SURVEY NO. 2480

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



WEST QUAD MAP  
ANTHONY BAYN

NOV 22 2013

ENDURANCE RESOURCES, LLC  
JAZZBASS °34° FEDERAL #3H  
LOCATED 600 FT. FROM THE SOUTH LINE  
AND 1000 FT. FROM THE EAST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

SURVEY NO. 2480

MADRON SURVEYING, INC. 2555 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 VICINITY MAP



NOT TO SCALE

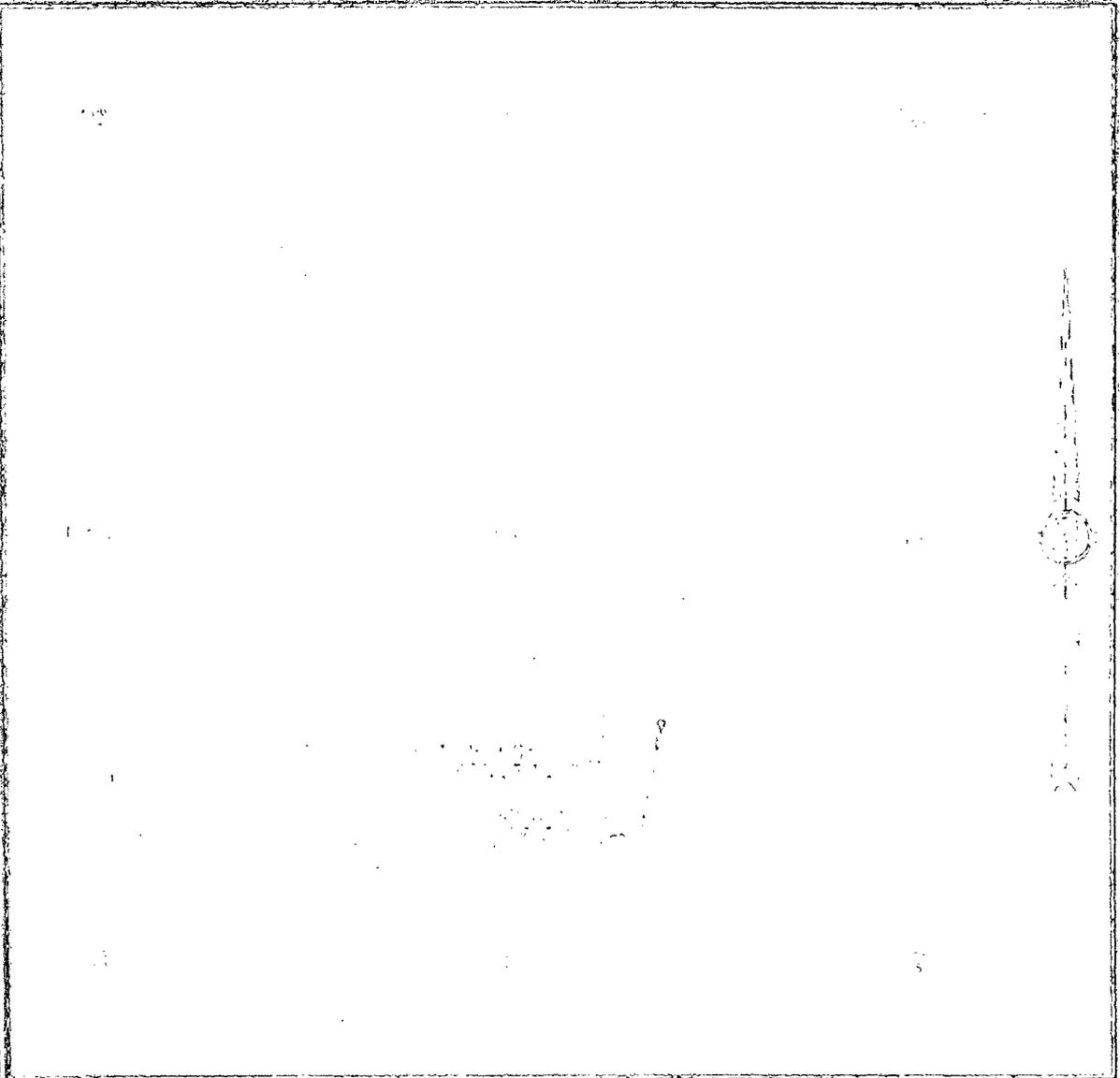
ENDURANCE RESOURCES, LLC  
 JAZZBASS "84" FEDERAL #9H  
 LOCATED 200 FT. FROM THE SOUTH LINE  
 AND 1800 FT. FROM THE EAST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

THIS MAP IS A REPRODUCTION OF THE ORIGINAL SURVEY MAP AND IS NOT TO BE USED AS A SUBSTITUTE FOR THE ORIGINAL SURVEY MAP. THE ORIGINAL SURVEY MAP IS THE ONLY AUTHORITY FOR THE LOCATION AND BOUNDARIES OF THE PROPERTY DESCRIBED HEREON.

NOVEMBER 22, 2019

MADRON SURVEYING, INC. SURVEY NO. 2480  
 CARLSBAD, NEW MEXICO

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
COCOA CARTER  
APRIL 2019

ENDURANCE RESOURCES, LLC  
JAZZBRASS "34" FEDERAL ASH  
LOCATED 630 FT. FROM THE SOUTH LINE  
AND 1980 FT. FROM THE EAST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2019

SURVEY NO. 2480

MADRON SURVEYING, INC. STREET CARLSBAD, NEW MEXICO

Revised  
 10/24/1992  
 (1) State of New Mexico  
 (2) Energy, Minerals & Natural Resources Department  
 (3) Oil Conservation Division  
 (4) 1220 South St. Francis Dr.  
 Santa Fe, NM 87503  
 (5) 505-826-3171  
 (6) 505-826-3172  
 (7) 505-826-3173  
 (8) 505-826-3174  
 (9) 505-826-3175  
 (10) 505-826-3176  
 (11) 505-826-3177  
 (12) 505-826-3178  
 (13) 505-826-3179  
 (14) 505-826-3180

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87503

Form O-192  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Well Name		Well Code		Well Status	
Property Code		Section Range		Section Number	
13097		3472 CLASS 33 FEDERAL		48	
Well No.		Owner Name		Section	
13097		END RANGE RESOURCES, LLC		3149.7	
* Surface Location					
Section	Range	Block	Acres	Direction	Section
34	35 S	33 E	300	SOUTH	600
* Bottom Hole Location if Different From Surface					
Section	Range	Block	Acres	Direction	Section
34	35 S	33 E	300	NORTH	600
Section Area	Section	Section	Section	Section	Section

No oil well will be assigned to this completion until a history has been established or a non-standard well has been approved by the Division.

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was placed from the records of actual survey made by me or under my supervision and that the same are correct and true to the best of my knowledge and belief.

\_\_\_\_\_  
 Surveyor

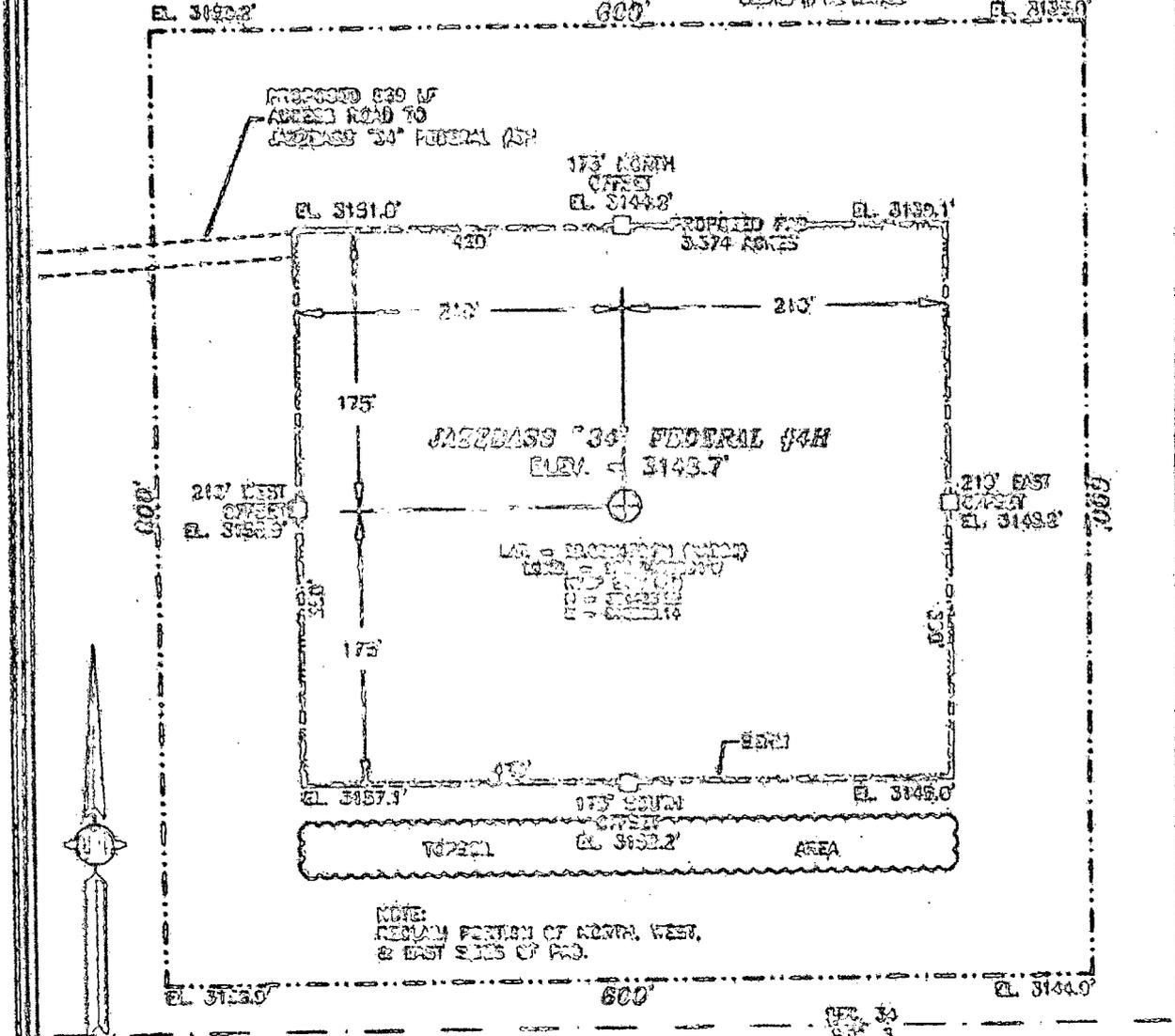
**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was placed from the records of actual survey made by me or under my supervision and that the same are correct and true to the best of my knowledge and belief.

\_\_\_\_\_  
 Surveyor

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

THIS MAP AND ALL INFORMATION CONTAINED HEREON ARE THE PROPERTY OF MADRON SURVEYING, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MADRON SURVEYING, INC.



NOTE:  
 REGAIN PORTION OF ADJAC. WEST,  
 & EAST SIDES OF RD.

010 50 100 200  
 SCALE 1" = 100'  
 INFORMATION TO BE OBTAINED FROM THIS MAP IS THE PROPERTY OF MADRON SURVEYING, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MADRON SURVEYING, INC.

ENDURANCE RESOURCES, LLC  
 JAZZBASS '34' FEDERAL #4H  
 LOCATED 330 FT. FROM THE SOUTH LINE  
 AND 600 FT. FROM THE EAST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

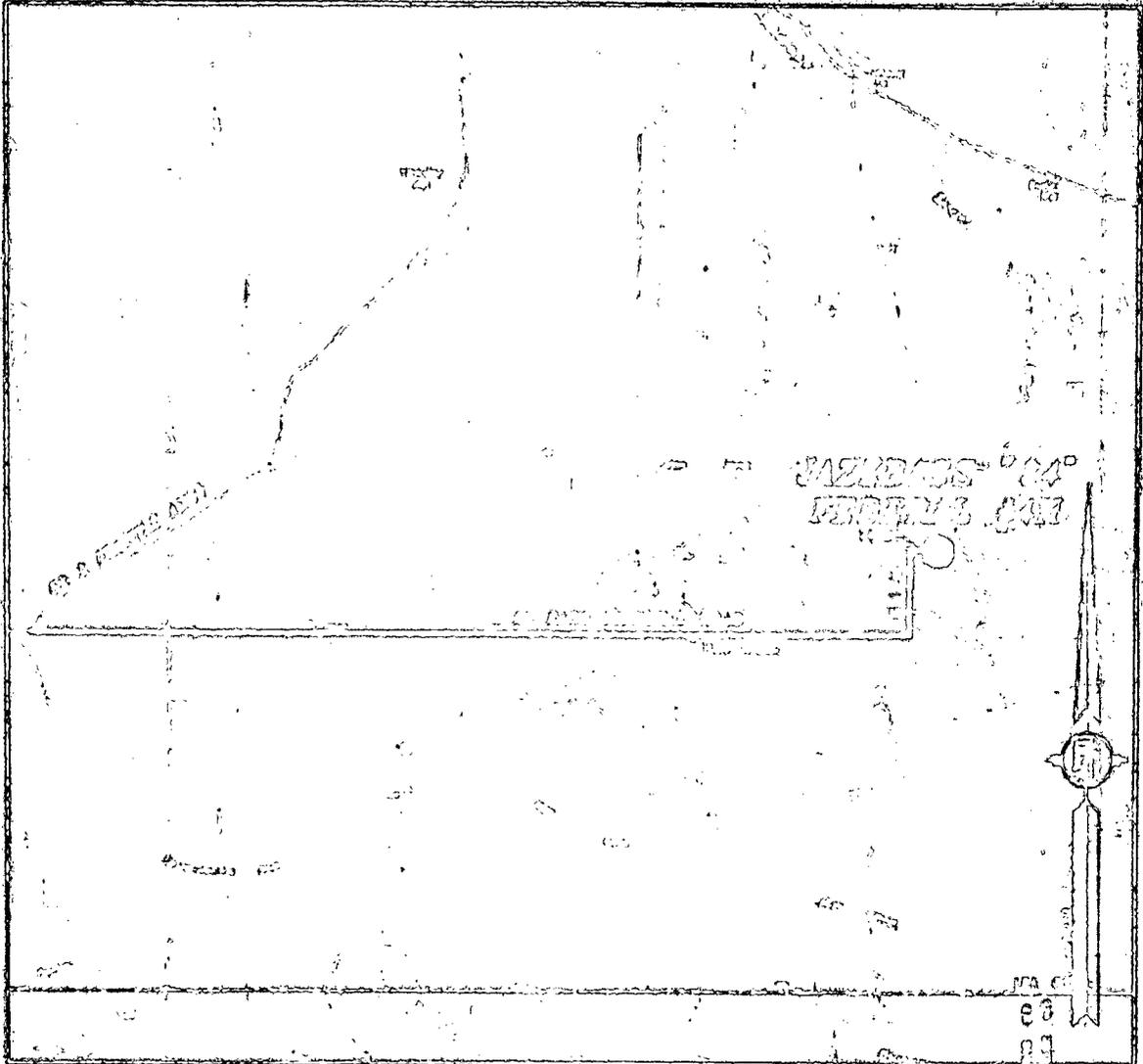
NOVEMBER 22, 2013

SURVEY NO. 2481

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO



SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
**VICINITY MAP**



NOT TO SCALE

**ENDURANCE RESOURCES, LLC**  
**JAZZBASS "34" FEDERAL #4E**  
 LOCATED 350 FT. FROM THE SOUTH LINE  
 AND 680 FT. FROM THE EAST LINE OF  
 SECTION 34, TOWNSHIP 25 SOUTH,  
 RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

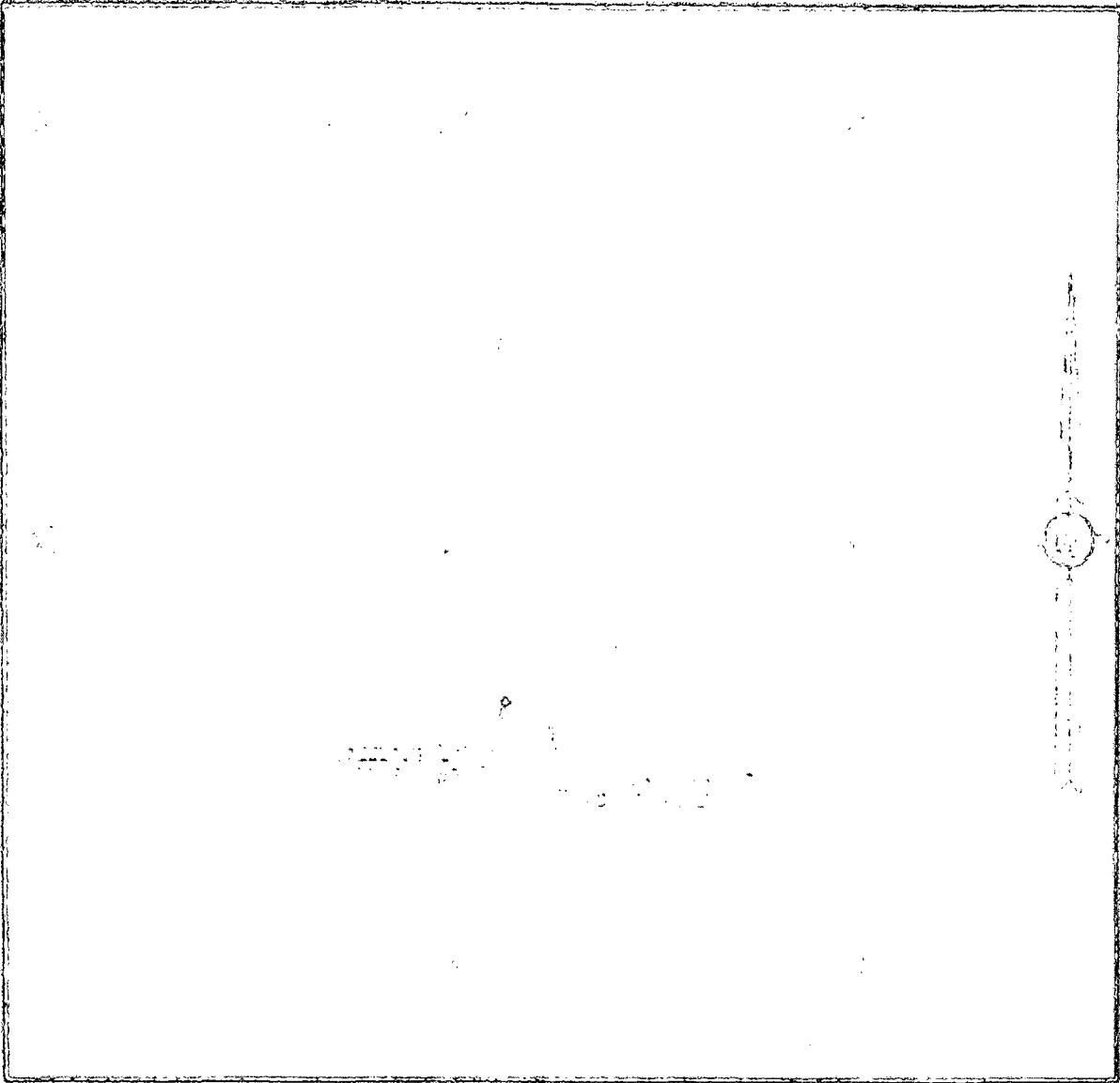
THIS MAP IS A REPRODUCTION OF A SURVEY MAP AND IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE SURVEYOR'S NAME AND THE DATE OF THE SURVEY ARE PRINTED ON THE MAP. THE SURVEYOR'S NAME IS MADRON SURVEYING, INC. AND THE DATE IS NOVEMBER 22, 2013.

NOVEMBER 22, 2013

SURVEY NO. 2481

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
COURTESY LANDTR  
APRIL 2013

ENDURANCE RESOURCES, LLC  
JAZZBASS °34° FEDERAL 04H  
LOCATED 330 FT. FROM THE SOUTH LINE  
AND 660 FT. FROM THE EAST LINE OF  
SECTION 34, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

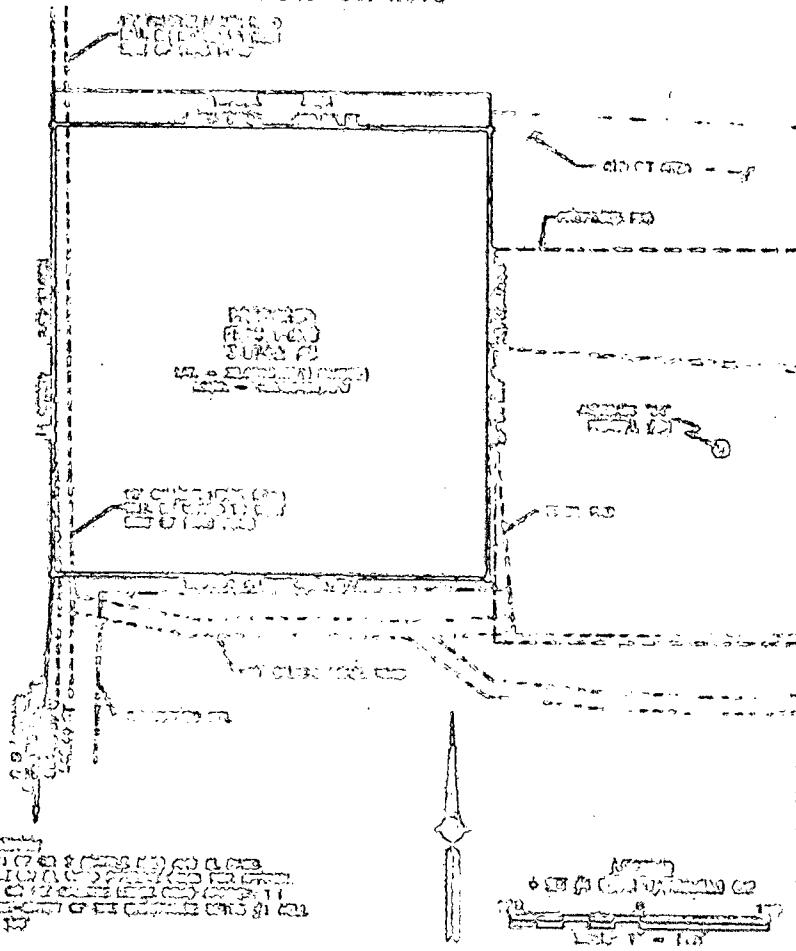
SURVEY NO. 2491

MADRON SURVEYING, INC. 5555 CARLSBAD, NEW MEXICO

JANUARY 24<sup>TH</sup> FEDERAL RESERVE FUND

ENDURANCE RESOURCES, LLC  
IN THE SW/4 RB/4 OF  
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 20, 2010



DESCRIPTION  
A CERTAIN PART OF PARCEL OF LAND AND REAL ESTATE LYING IN THE SW/4 RB/4 OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO.

BEING AT THE SOUTHWEST CORNER OF THE PARCEL, CORNER THE SOUTH QUARTER CORNER OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEING SUCCESSIVELY A BEARING OF SOUTH 89° 59' 59" WEST, A DISTANCE OF 400.00 FEET TO THE NORTHEAST CORNER OF THE PARCEL, BEING SUCCESSIVELY A BEARING OF SOUTH 89° 59' 59" WEST, A DISTANCE OF 400.00 FEET TO THE SOUTHWEST CORNER OF THE PARCEL, BEING SUCCESSIVELY A BEARING OF SOUTH 89° 59' 59" WEST, A DISTANCE OF 400.00 FEET TO THE SOUTHWEST CORNER OF THE PARCEL, TO THE POINT OF BEGINNING, CONTAINING 2.074 ACRES MORE OR LESS.

GENERAL NOTES  
1) THE OBJECT OF THIS SURVEY IS TO  
ACQUIRE A BUSINESS LEASE FOR THE  
PURPOSE OF MINING A URANIUM ORE  
IN THE SW/4 RB/4 OF SECTION 34,  
TOWNSHIP 25 SOUTH, RANGE 35 EAST,  
LEA COUNTY, NEW MEXICO.

SURVEYOR'S CERTIFICATE  
I, CARLOS MADRON, A PROFESSIONAL SURVEYOR IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I AM THE SURVEYOR OF THE ABOVE DESCRIBED PARCEL AND THAT THE SURVEY WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL SURVEYING ACT, CHAPTER 58, STATUTES OF NEW MEXICO.

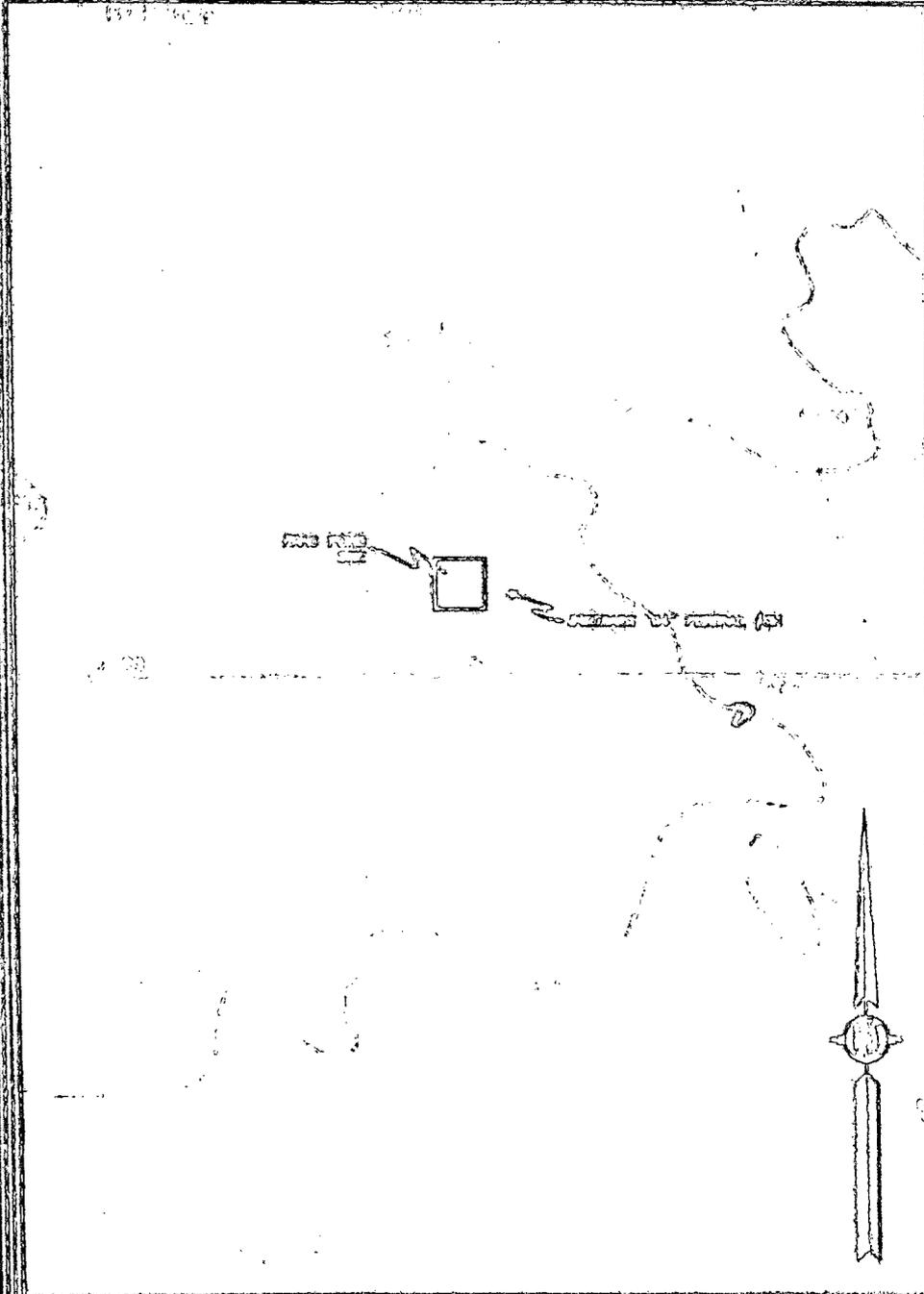
SHEET 1-0  
MADRON SURVEYING, INC. 1100 N. CARLSBAD, NEW MEXICO  
SURVEY NO. 2554

JAZZBAISS "32" FEDERAL JOHN DRAC POND

ENDURANCE RESOURCES, LLC  
IN THE SW/4 SE/4 OF  
SECTION 34, TOWNSHIP 20 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 30, 2010

QUAD MAP



SHEET: 2-3

SURVEY NO. 2354

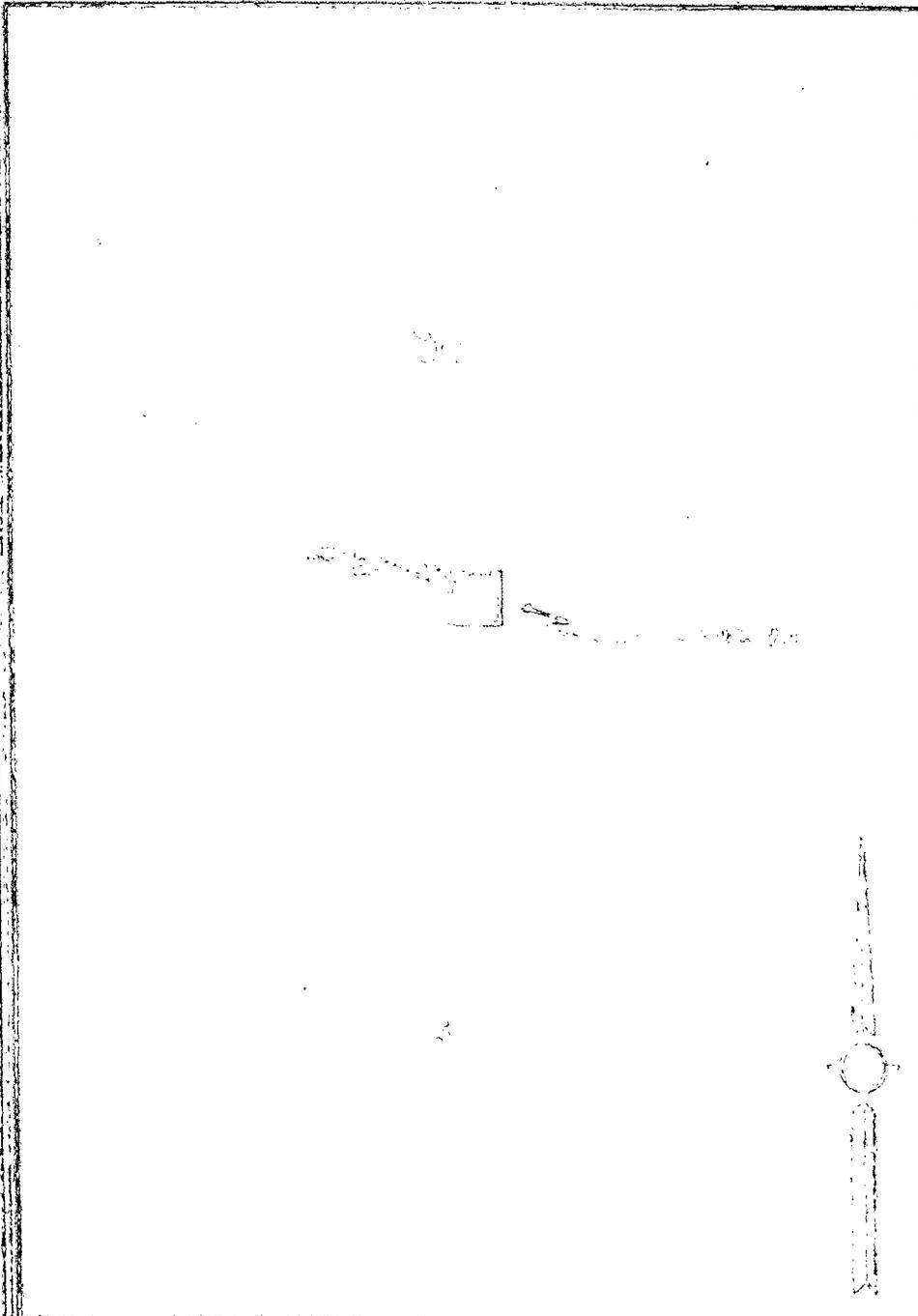
MADRON SURVEYING, INC. 8335 CARLSBAD, NEW MEXICO

JAZZBASS "84" FEDERAL (SH FIVE FUND

ENDURANCE RESOURCES, LLC  
IN THE S<sup>1/4</sup> S<sup>1/4</sup> S<sup>1/4</sup> OF  
SECTION 34, TOWNSHIP 23 SOUTH, RANGE 16 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 30, 2010

AERIAL PHOTO



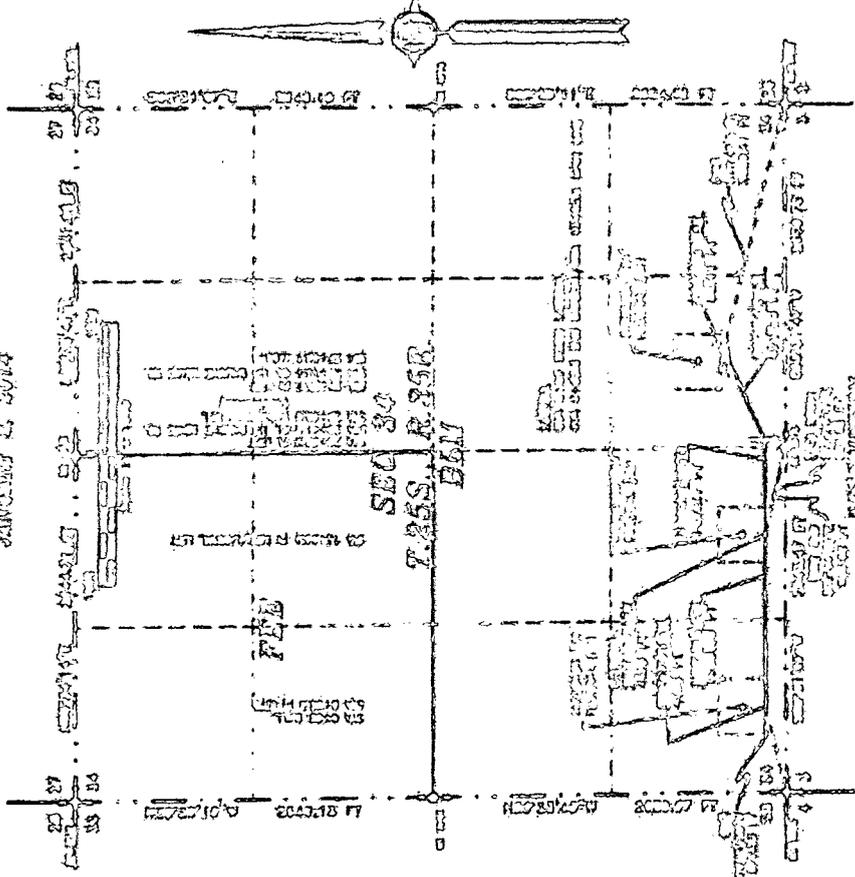
SHEET 9-9

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO 2534

4" PLY PLOT LINES TO CORRECT THE ADDRESS "04" FEDERAL HIGH & (21) TO THE ADDRESS "34" FEDERAL JOB TANK BAYNEE

ENDEAVORING RESOLUTIONS, LLC  
 CENTERLINE SURVEY OF A LOCALITY CROSSING  
 SECTION 34, TOWNSHIP 25 NORTH, RANGE 30 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 JANUARY 2, 2014



THIS SURVEY WAS MADE IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYING ACT OF 1908 AND THE SURVEYING ACT OF 1933, AND THE SURVEYING ACT OF 1941, AND THE SURVEYING ACT OF 1954, AND THE SURVEYING ACT OF 1967, AND THE SURVEYING ACT OF 1976, AND THE SURVEYING ACT OF 1982, AND THE SURVEYING ACT OF 1988, AND THE SURVEYING ACT OF 1994, AND THE SURVEYING ACT OF 2000, AND THE SURVEYING ACT OF 2006, AND THE SURVEYING ACT OF 2012, AND THE SURVEYING ACT OF 2018, AND THE SURVEYING ACT OF 2024.

THE SURVEY WAS MADE BY THE SURVEYOR AND HIS ASSISTANTS, AND THE SURVEYOR IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY.

THE SURVEY WAS MADE IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYING ACT OF 1908 AND THE SURVEYING ACT OF 1933, AND THE SURVEYING ACT OF 1941, AND THE SURVEYING ACT OF 1954, AND THE SURVEYING ACT OF 1967, AND THE SURVEYING ACT OF 1976, AND THE SURVEYING ACT OF 1982, AND THE SURVEYING ACT OF 1988, AND THE SURVEYING ACT OF 1994, AND THE SURVEYING ACT OF 2000, AND THE SURVEYING ACT OF 2006, AND THE SURVEYING ACT OF 2012, AND THE SURVEYING ACT OF 2018, AND THE SURVEYING ACT OF 2024.

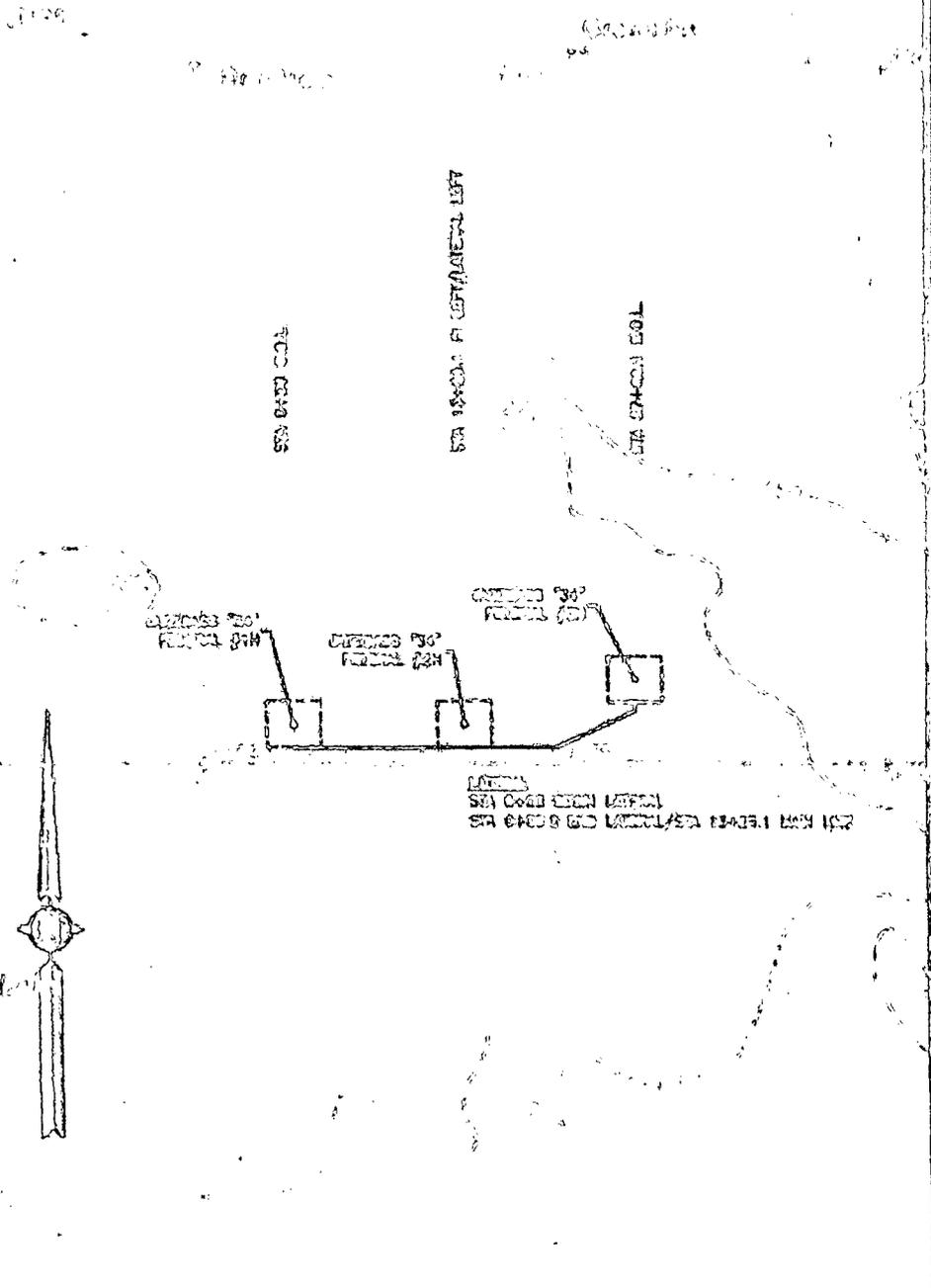
THE SURVEY WAS MADE IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYING ACT OF 1908 AND THE SURVEYING ACT OF 1933, AND THE SURVEYING ACT OF 1941, AND THE SURVEYING ACT OF 1954, AND THE SURVEYING ACT OF 1967, AND THE SURVEYING ACT OF 1976, AND THE SURVEYING ACT OF 1982, AND THE SURVEYING ACT OF 1988, AND THE SURVEYING ACT OF 1994, AND THE SURVEYING ACT OF 2000, AND THE SURVEYING ACT OF 2006, AND THE SURVEYING ACT OF 2012, AND THE SURVEYING ACT OF 2018, AND THE SURVEYING ACT OF 2024.

THE SURVEY WAS MADE IN ACCORDANCE WITH THE PROVISIONS OF THE SURVEYING ACT OF 1908 AND THE SURVEYING ACT OF 1933, AND THE SURVEYING ACT OF 1941, AND THE SURVEYING ACT OF 1954, AND THE SURVEYING ACT OF 1967, AND THE SURVEYING ACT OF 1976, AND THE SURVEYING ACT OF 1982, AND THE SURVEYING ACT OF 1988, AND THE SURVEYING ACT OF 1994, AND THE SURVEYING ACT OF 2000, AND THE SURVEYING ACT OF 2006, AND THE SURVEYING ACT OF 2012, AND THE SURVEYING ACT OF 2018, AND THE SURVEYING ACT OF 2024.

SCALE: 1"=40'  
 MADRON SURVEYING, INC. 1001 WEST CHILDSROAD, NEW MEXICO  
 (505) 825-1111

4" POLY FLOW LINES TO CONNECT THE JUNCTION "34" FEDERAL 01E & 02E TO THE JUNCTION "34" FEDERAL 03E TANK BATTERY

ENDURANCE RESOURCES, LLC  
 CONSULTING ENGINEER OF A SPECIAL CROSSING  
 SECTION 34, TOWNSHIP 23 SOUTH, RANGE 03 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 FEBRUARY 2, 2014



SHEET: 2-3 SURVEY NO. 2580  
 MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

4" POLY FLOW LINES TO CONNECT THE JAZZBASS "01" FEDERAL (11N & 12E)  
TO THE JAZZBASS "04" FEDERAL (05N RENE BATTERY

**ENDURANCE RESOURCES, LLC**  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 04, TOWNSHIP 05 SOUTH, RANGE 06 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
JANUARY 2, 2014

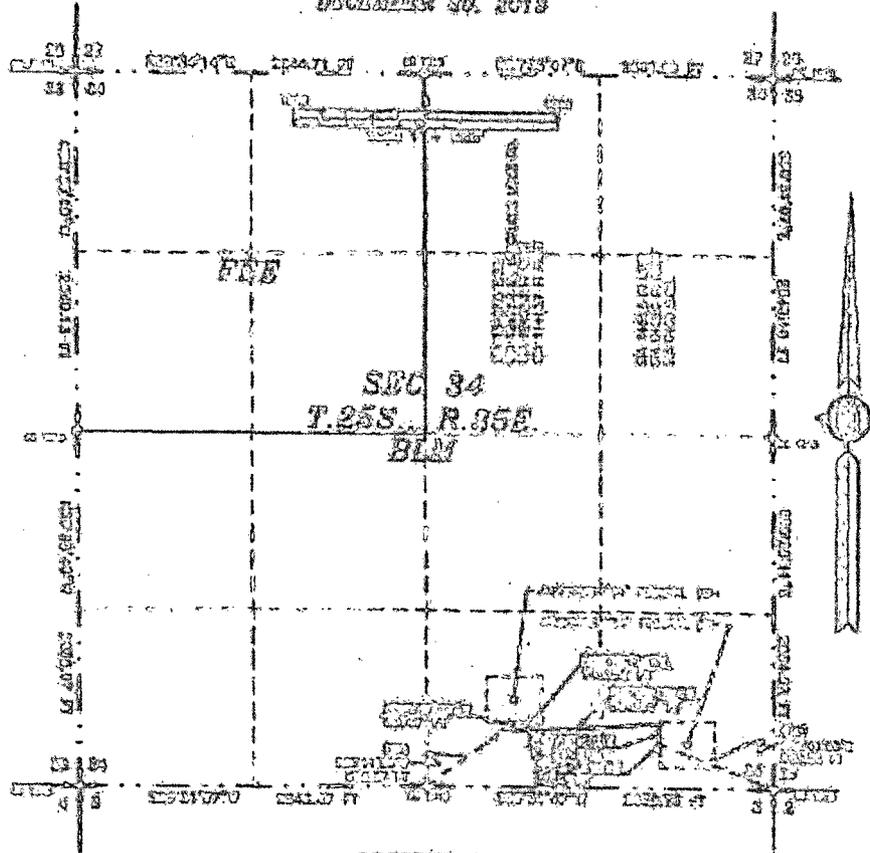
SHEET. 3-3

MADRON SURVEYING, INC. 2500 CARLSBAD, NEW MEXICO

SURVEY NO. 2556

4" POLY PLOU LINE FROM THE JAZZBASS "04" FEDERAL 04H TO THE  
JAZZBASS "04" FEDERAL 00T TANK BATTERY

**ENDURANCE RESOURCES, LLC**  
**CENTRAL SURVEY OF A PIPING CROSSING**  
 SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 DECEMBER 20, 2019



**DESCRIPTION**

A SURVEY OF THE PIPING CROSSING AND THE SURROUNDING AREA OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO, AS SHOWN ON THE ATTACHED PLAN AND AS DESCRIBED IN THE FOLLOWING DESCRIPTION.

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO, BEING A SECTION OF THE PUBLIC LANDS, AS SHOWN ON THE ATTACHED PLAN AND AS DESCRIBED IN THE FOLLOWING DESCRIPTION.

THE SURVEY WAS MADE BY THE SURVEYOR AND HIS ASSISTANTS, AND THE RESULTS ARE AS FOLLOWS:

1. THE SURVEY WAS MADE BY THE SURVEYOR AND HIS ASSISTANTS, AND THE RESULTS ARE AS FOLLOWS:

2. THE SURVEY WAS MADE BY THE SURVEYOR AND HIS ASSISTANTS, AND THE RESULTS ARE AS FOLLOWS:

3. THE SURVEY WAS MADE BY THE SURVEYOR AND HIS ASSISTANTS, AND THE RESULTS ARE AS FOLLOWS:

**CONVEYANCE STATEMENTS**

- GENERAL NOTES**
- 1) THE CENTER OF THIS SURVEY IS TO REMAIN AN OPEN AREA.
  - 2) CROSS OF SECTION IS NOT TO BE MOVED TO ADJUST CORNERS.

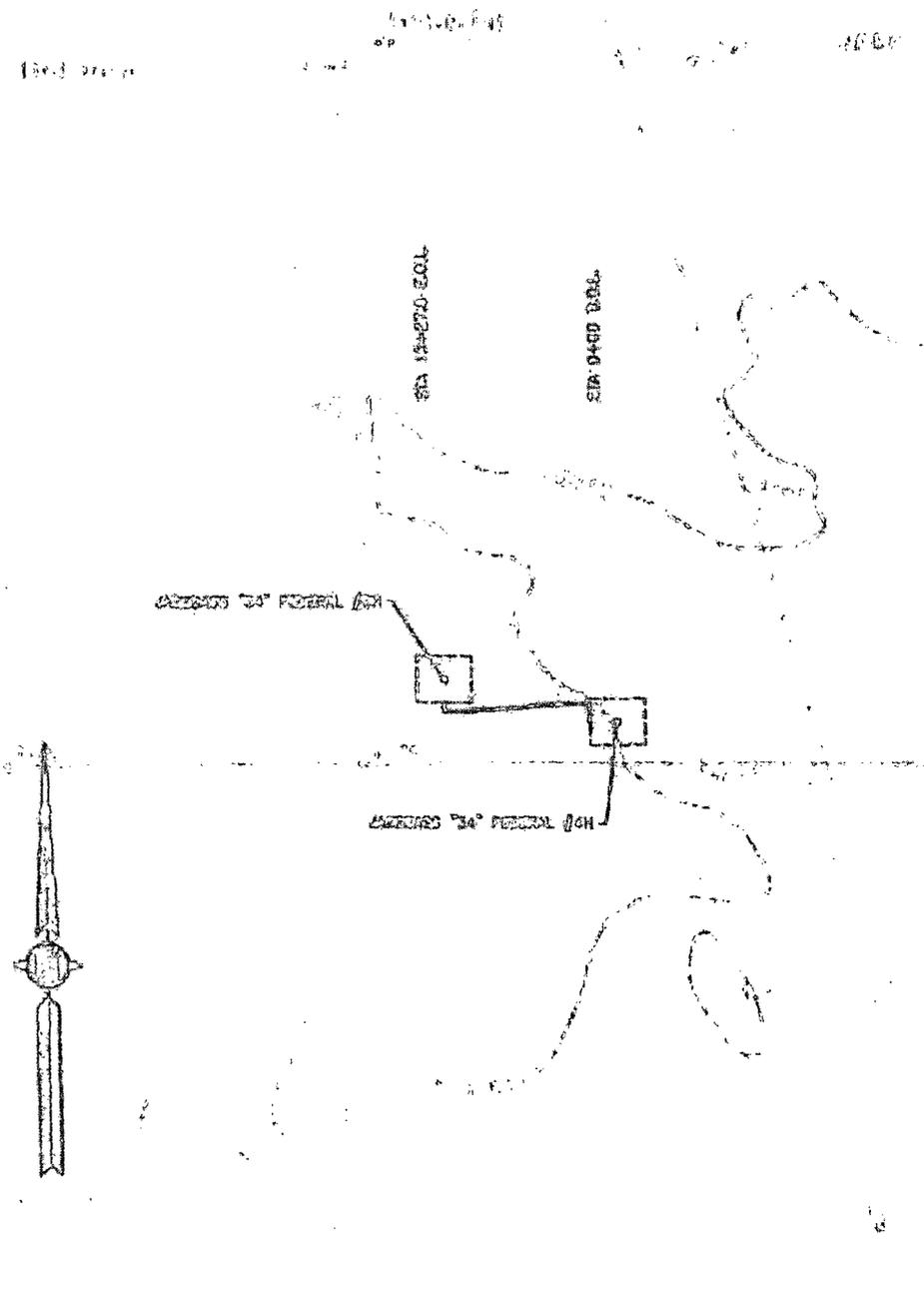
I, [Name], Surveyor, do hereby certify that the above is a true and correct copy of the original survey as shown on the attached plan and as described in the following description.

I, [Name], Surveyor, do hereby certify that the above is a true and correct copy of the original survey as shown on the attached plan and as described in the following description.

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

4" POLY FLOW LINE FROM THE JAZZBASS "24" FEDERAL #4H TO THE  
JAZZBASS "94" FEDERAL #7H TANK BATTERY

ENDURANCE RESOURCES, LLC  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 34, TOWNSHIP 65 SOUTH, RANGE 85 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
DECEMBER 30, 2015



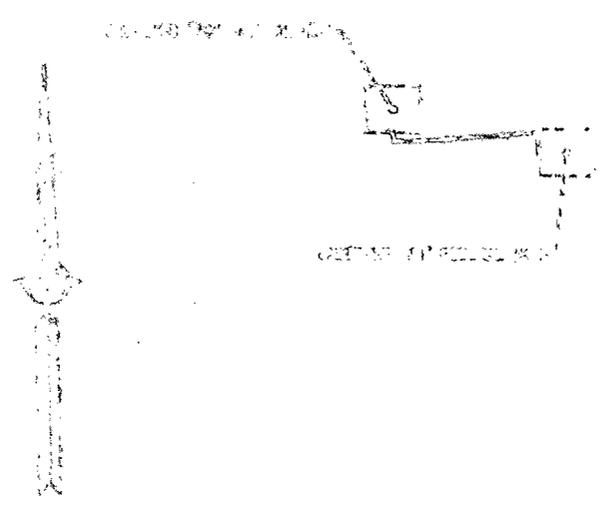
SHEET 2-3

SURVEY NO. 2605

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

4" POLY DEW LINE FROM THE ADDRESS "84" FEDERAL 048 TO THE  
ADDRESS "04" FEDERAL 024 BANK BATTERY

ENDURANCE RESOURCES, LLC  
CENTERLINE SURVEY OF A PIPELINED CROSSING  
SECTION 84, TOWNSHIP 25 NORTH, RANGE 03 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
DECEMBER 08, 2019



SHEET: 9-9

SURVEY NO. 2356

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO