

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 293-6161 Fax: (575) 393-0720
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 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

JUL 01 2015

WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

¹ API Number 30-025-42667		² Pool Code 97088	³ Pool Name WC-025 G-08 2253340; BS
⁴ Property Code	⁵ Property Name JAZZBASS 34 FEDERAL		⁶ Well Number 1H
⁷ OGRID No. 270329	⁸ Operator Name ENDURANCE RESOURCES, LLC		⁹ Elevation 3189.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	34	25 S	35 E		330	SOUTH	660	WEST	LEA

¹¹ 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
D	34	25 S	35 E		330	NORTH	660	WEST	LEA

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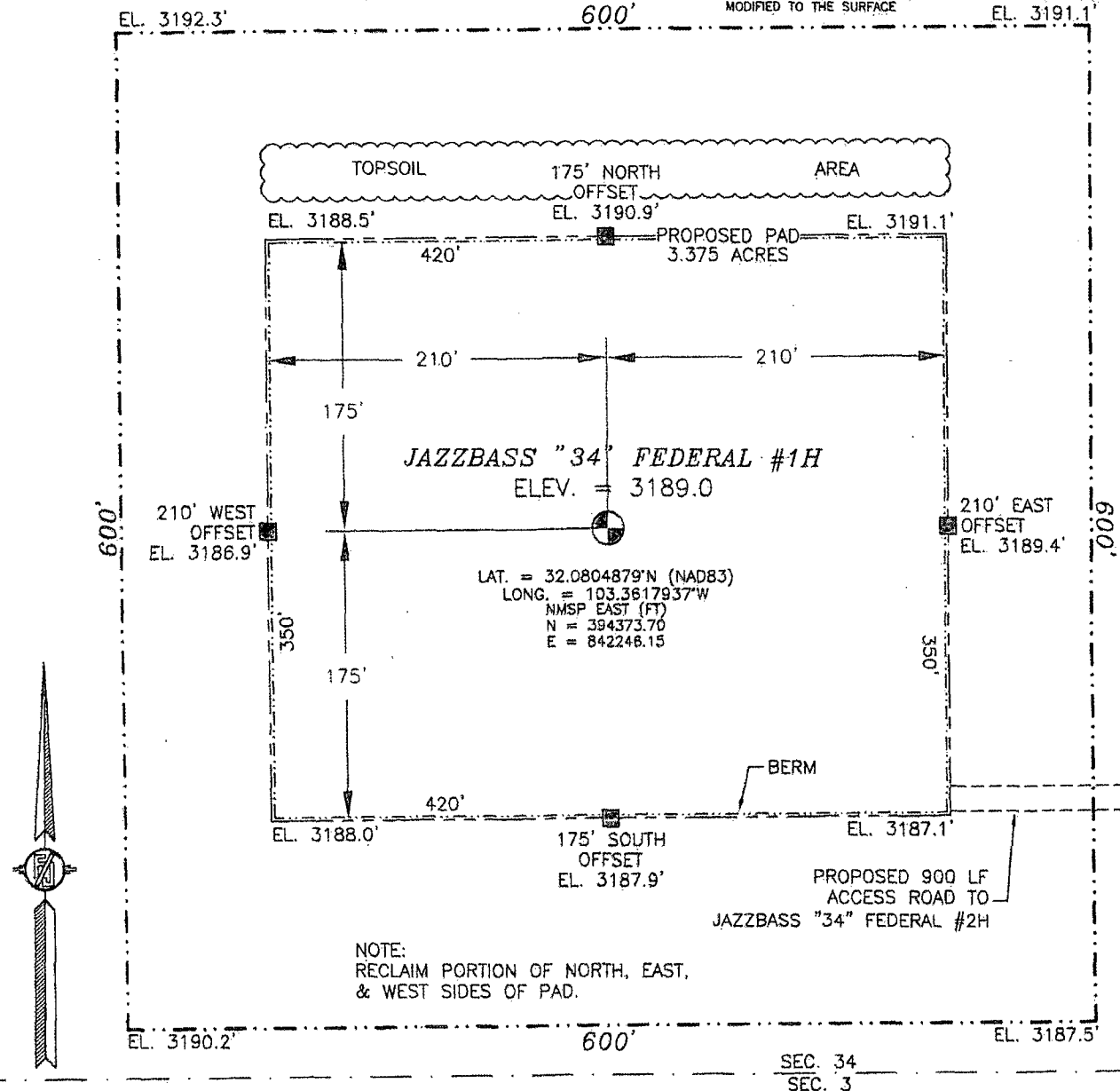
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°34'14"E 2644.71 FT</p> <p>NW CORNER SEC. 34 LAT. = 32.0940931°N LONG. = 103.3639285°W NMSP EAST (FT) N = 399317.25 E = 841540.43</p> <p>660'</p> <p>330'</p> <p>BOTTOM OF HOLE</p> <p>BOTTOM OF HOLE LAT. = 32.0931838°N LONG. = 103.3617989°W NMSP EAST (FT) N = 398992.39 E = 842202.93</p> <p>W O CORNER SEC. 34 LAT. = 32.0868372°N LONG. = 103.3639303°W NMSP EAST (FT) N = 396677.57 E = 841563.59</p> <p>100°30'10"W 2640.13 FT</p> <p>100°33'40"W 2639.97 FT</p>		<p>N89°35'47"E 2641.98 FT</p> <p>N O CORNER SEC. 34 LAT. = 32.0940819°N LONG. = 103.3553902°W NMSP EAST (FT) N = 399337.07 E = 844184.70</p> <p>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.</p> <p>E O CORNER SEC. 34 LAT. = 32.0868111°N LONG. = 103.3468615°W NMSP EAST (FT) N = 396716.03 E = 846850.15</p> <p>500°31'07"E 2640.10 FT</p> <p>500°28'11"E 2634.52 FT</p>	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>M.A. Sirgo III</i> Signature Date 7-17-14</p> <p>M.A. Sirgo III Printed Name</p> <p>manny@enduranceresourcesllc.com E-mail Address</p>
<p>JAZZBASS "34" FEDERAL #1H ELEV. = 3189.0' LAT. = 32.0804879°N (NAD83) LONG. = 103.3617937°W NMSP EAST (FT) N = 394373.70 E = 842248.15</p> <p>SURFACE LOCATION</p> <p>SW CORNER SEC. 34 LAT. = 32.0795817°N LONG. = 103.3639234°W NMSP EAST (FT) N = 394038.09 E = 841589.44</p> <p>S O CORNER SEC. 34 LAT. = 32.0795772°N LONG. = 103.3553904°W NMSP EAST (FT) N = 394060.29 E = 844232.47</p> <p>SE CORNER SEC. 34 LAT. = 32.0795707°N LONG. = 103.3468695°W NMSP EAST (FT) N = 394081.98 E = 846871.75</p> <p>660'</p> <p>330'</p> <p>100°31'07"W 2643.47 FT</p> <p>100°31'47"W 2639.73 FT</p>		<p>18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 20, 2013 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: 12797 SURVEY NO. 2478</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



010 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. 0.4 OF A MILE WEST.

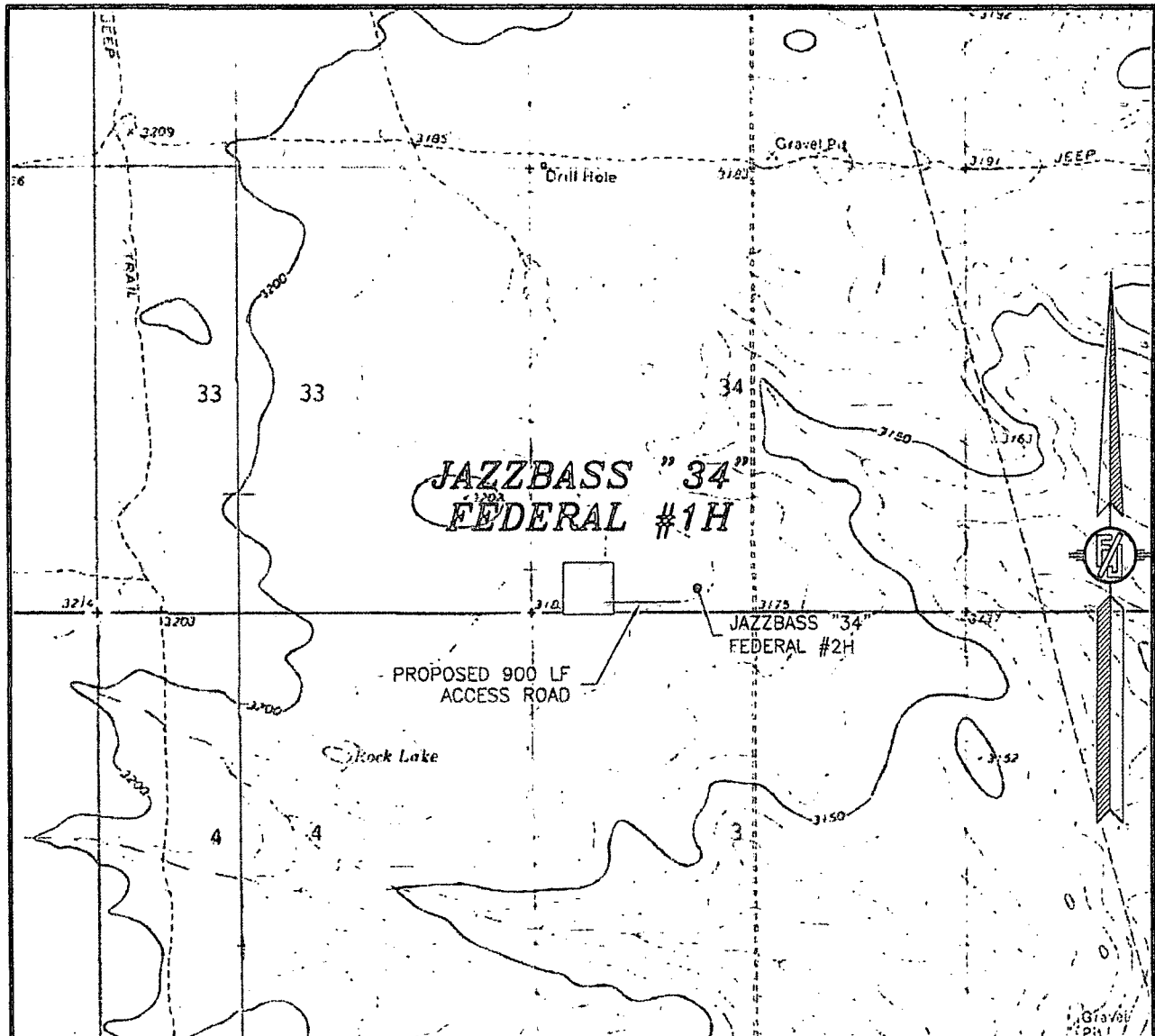
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

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

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

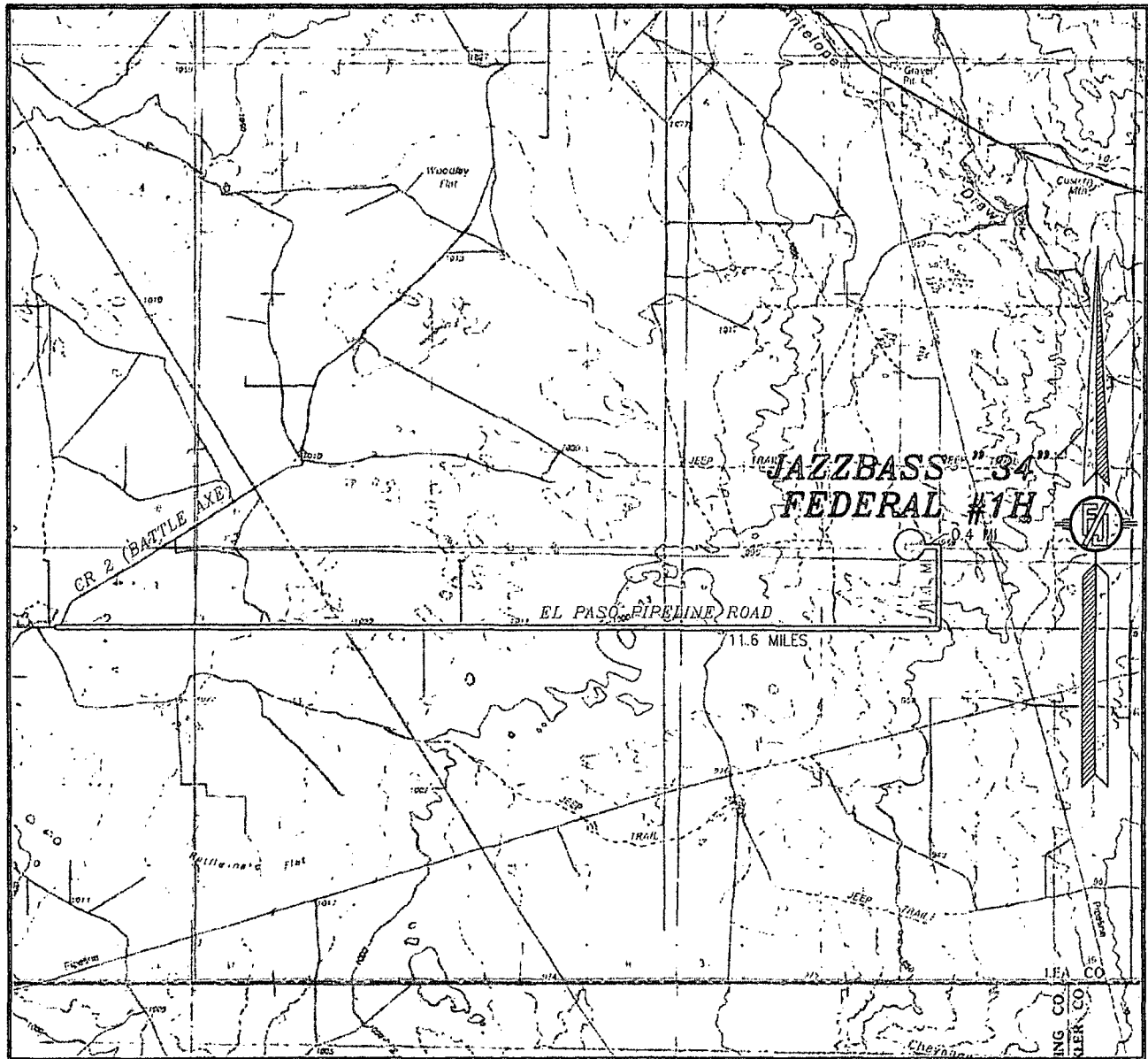
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SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

MADRON SURVEYING, INC. 301 SOUTH CANAL (375) 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

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

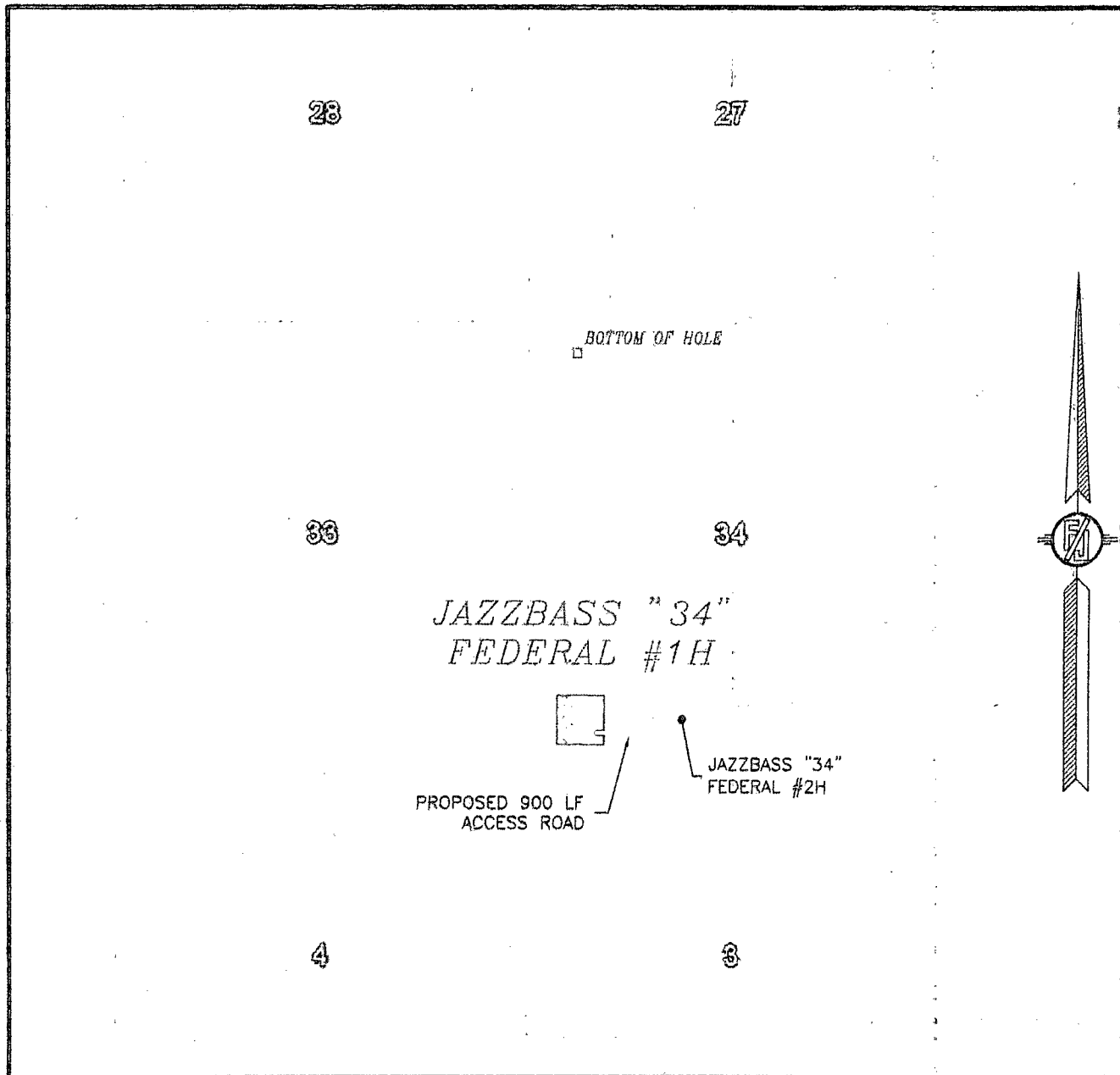
DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 2 (BATTLE AXE) AND EL PASO
PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX.
11.6 MILES. GO NORTH ON 10' CALICHE LEASE ROAD APPROX. 1.1
MILES. LOCATION IS APPROX. 0.4 OF A MILE WEST.

NOVEMBER 20, 2013

SURVEY NO. 2478

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
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

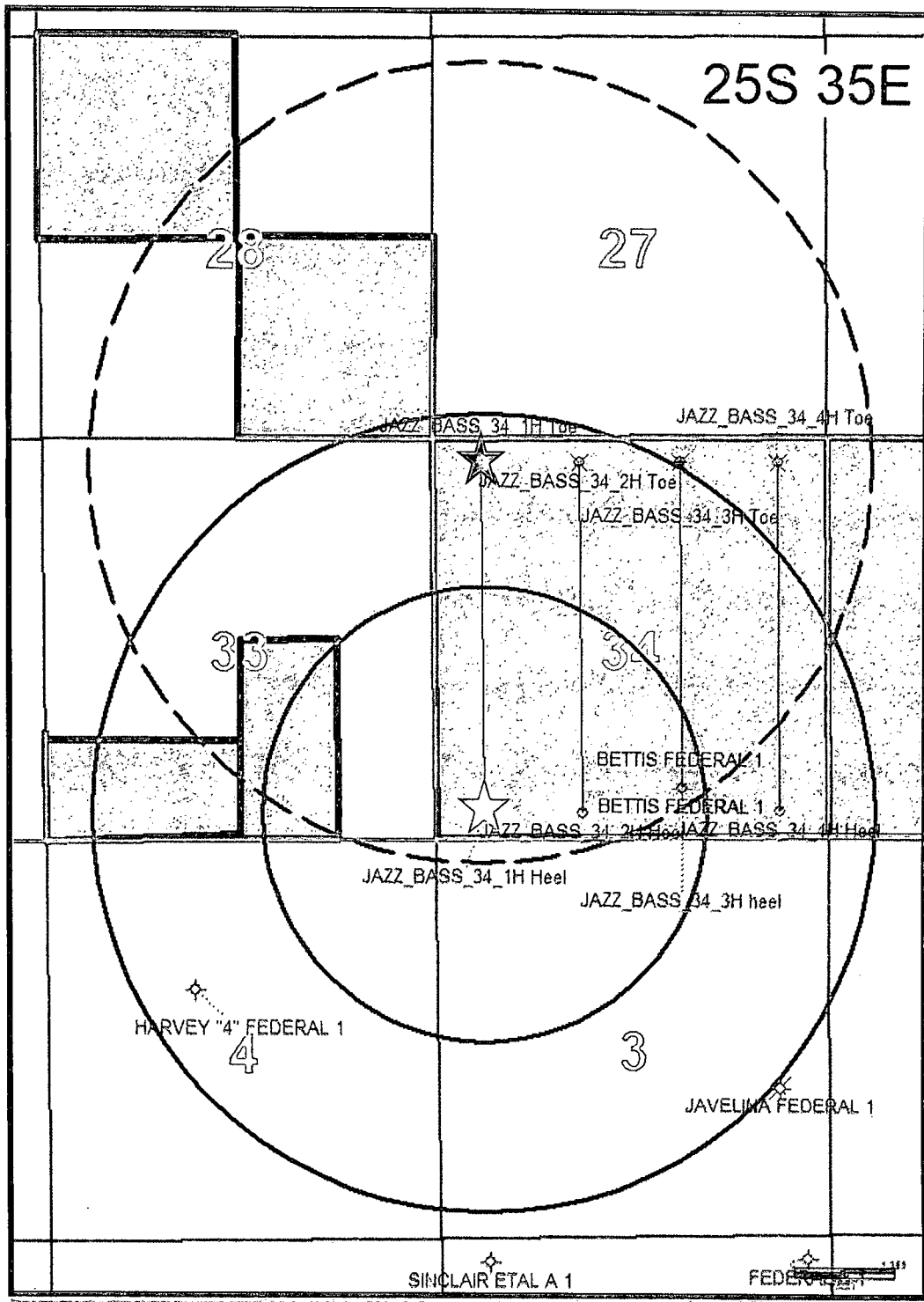
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SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

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

Jazzbass 34 Federal -1H



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

NMCRIS INVESTIGATION ABSTRACT FORM (NIAF)

1. NMCRIS Activity No.: 129703	2a. Lead (Sponsoring) Agency: Bureau of Land Management-Carlsbad Field Office	2b. Other Permitting Agency(ies): N/A	3. Lead Agency Report No.: N/A															
4. Title of Report: 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 Author(s) Michael Stowe, M.A., RPA			5. Type of Report <input checked="" type="checkbox"/> Negative <input type="checkbox"/> Positive															
6. Investigation Type <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																		
7. Description of Undertaking (what does the project entail?): 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.		8. Dates of Investigation: (from: 2/7/2014 to: 2/7/2014) 9. Report Date: February 8, 2014																
10. Performing Agency/Consultant: 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		11. Performing Agency/Consultant Report No.: AAS 14-238 12. Applicable Cultural Resource Permit No(s): BLM 216-2920-06B, NM State Permit 14-172																
13. Client/Customer (project proponent): Endurance Resources Contact: Kale Jackson Address: 11382 Lovington HWY Artesia, NM 88210 Phone: (575) 9143355		14. Client/Customer Project No.: N/A																
15. Land Ownership Status (<u>Must be indicated on project map</u>): <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Land Owner</th> <th style="text-align: center;">Acres Surveyed</th> <th style="text-align: center;">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> </td> <td> </td> <td> </td> </tr> <tr> <td style="text-align: right;">TOTALS</td> <td style="text-align: center;">37.65</td> <td style="text-align: center;">37.65</td> </tr> </tbody> </table>				Land Owner	Acres Surveyed	Acres in APE	Bureau of Land Management-Carlsbad Field Office	37.65	37.65							TOTALS	37.65	37.65
Land Owner	Acres Surveyed	Acres in APE																
Bureau of Land Management-Carlsbad Field Office	37.65	37.65																
TOTALS	37.65	37.65																

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	1/4	1/4	1/4
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 1/2 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).

22. Required Attachments (check all appropriate boxes):

- ☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn
- ☒ Copy of NMCRIS Mapserver Map Check
- ☐ LA Site Forms - new sites *(with sketch map & topographic map)*
- ☐ LA Site Forms (update) - previously recorded & un-relocated sites *(first 2 pages minimum)*
- ☐ Historic Cultural Property Inventory Forms
- ☐ List and Description of isolates, if applicable
- ☐ List and Description of Collections, if applicable

23. Other Attachments:

- ☒ Photographs and Log
 - ☒ Other Attachments
- (Describe):* Well pad Survey Plats, BLM Record Check Map

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 #:

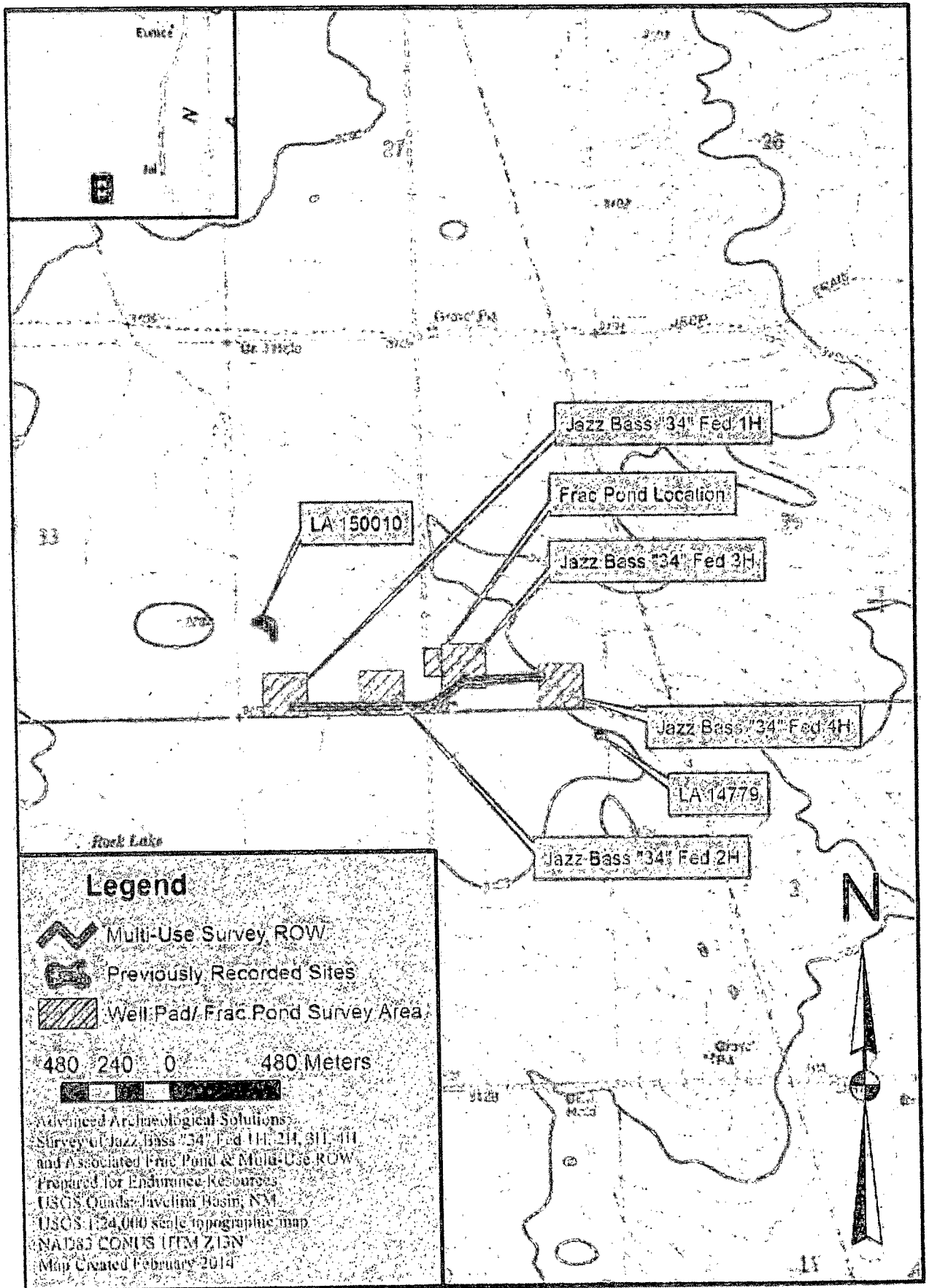
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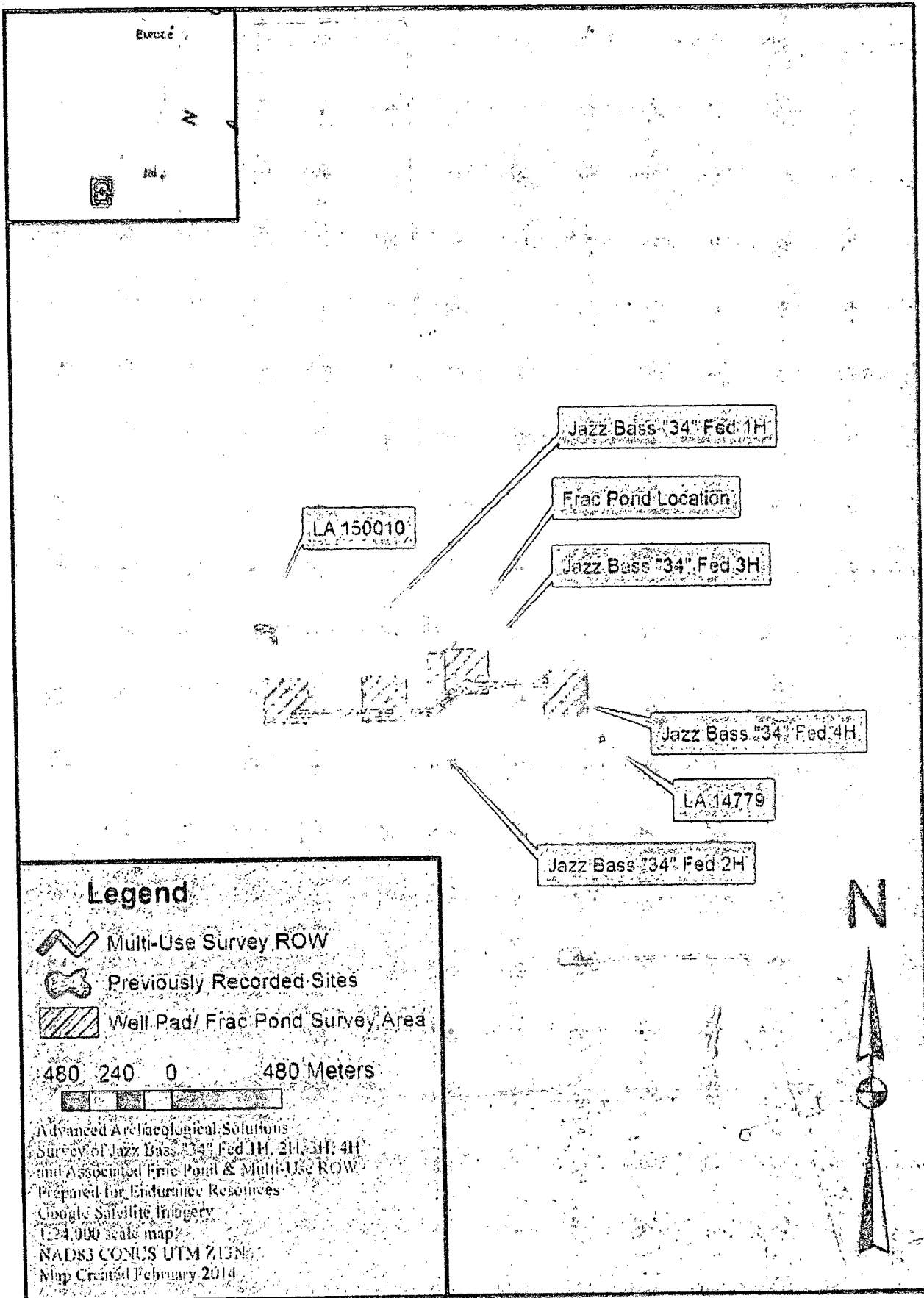
Date sent to ARMS:

CULTURAL RESOURCE FINDINGS

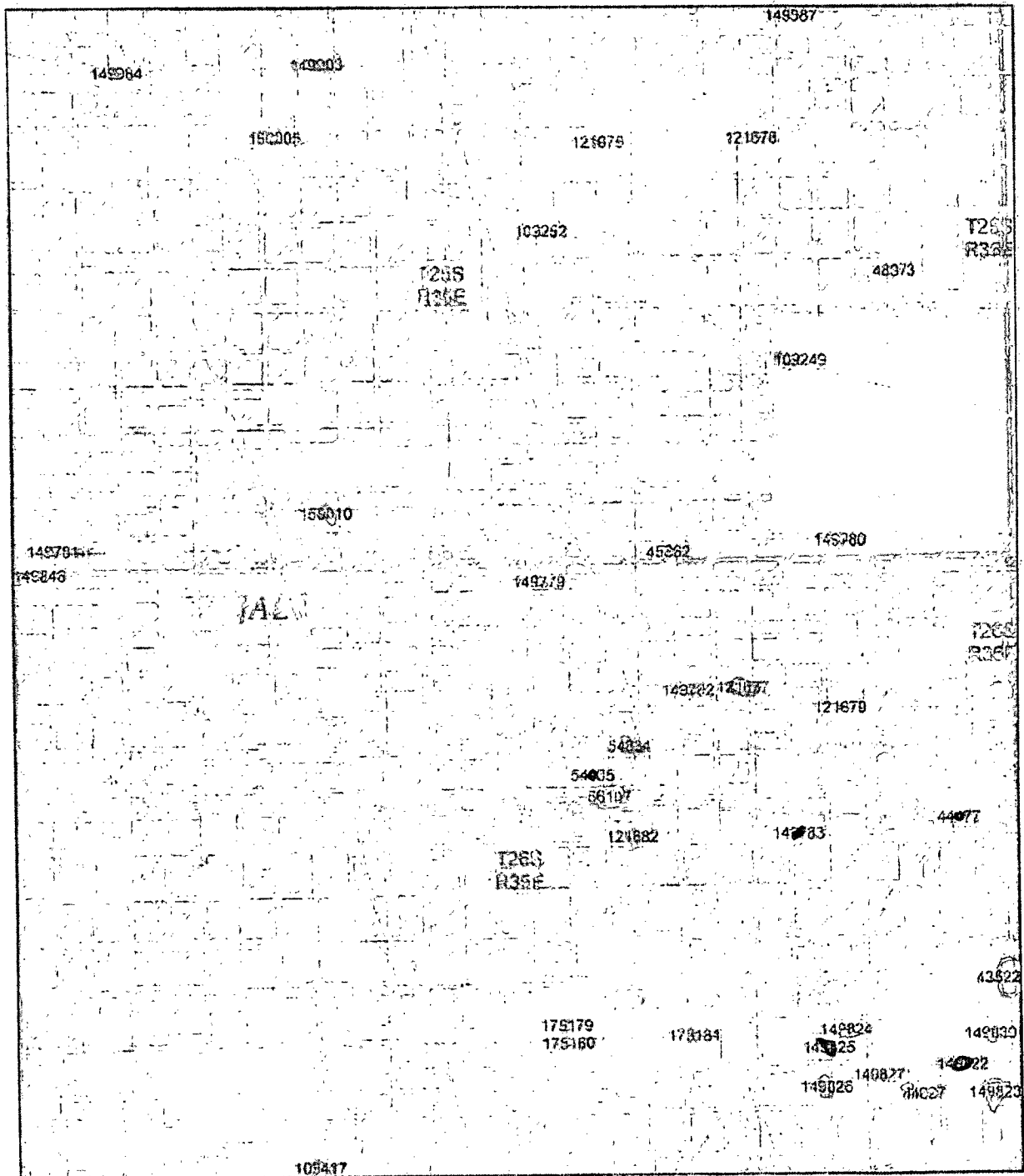
[fill in appropriate section(s)]

1. NMCRIS Activity No.: 129703	2. Lead (Sponsoring) Agency: BLM- Carlsbad Field Office	3. Lead Agency Report No.: N/A
<p>SURVEY RESULTS:</p> <p>Sites discovered and registered: 0</p> <p>Sites discovered and NOT registered: 0</p> <p>Previously recorded sites revisited <i>(site update form required)</i>: 0</p> <p>Previously recorded sites not relocated <i>(site update form required)</i>: 0</p> <p>TOTAL SITES VISITED: 0</p> <p>Total isolates recorded: 0 Non-selective isolate recording? <input type="checkbox"/></p> <p>Total structures recorded <i>(new and previously recorded, including acequias)</i>: 0</p> <p>MANAGEMENT SUMMARY:</p> <p>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>		





BLM Map



1:38,303

0 2,000 4,000 8,000 12,000 16,000 Feet



NMCRIS DCA

Core Spatial Application

[CTA](#) [Training and Documentation](#)

[Web Mapping Application Help](#)

Editor PLSS Quad IDs Quad Names Geog Names Surveys Sites Structs Bldgs Objects Linear Props Dists Print

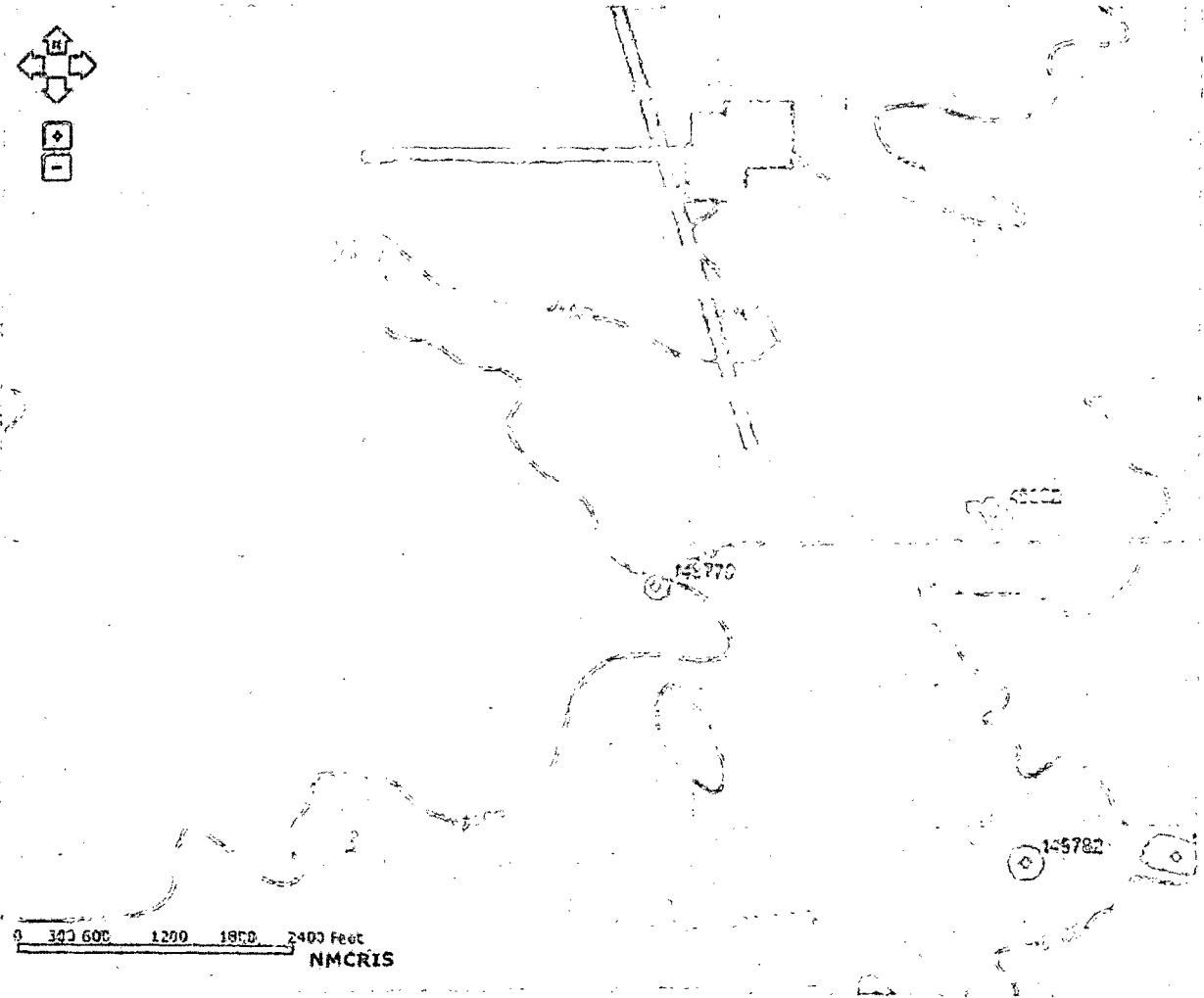
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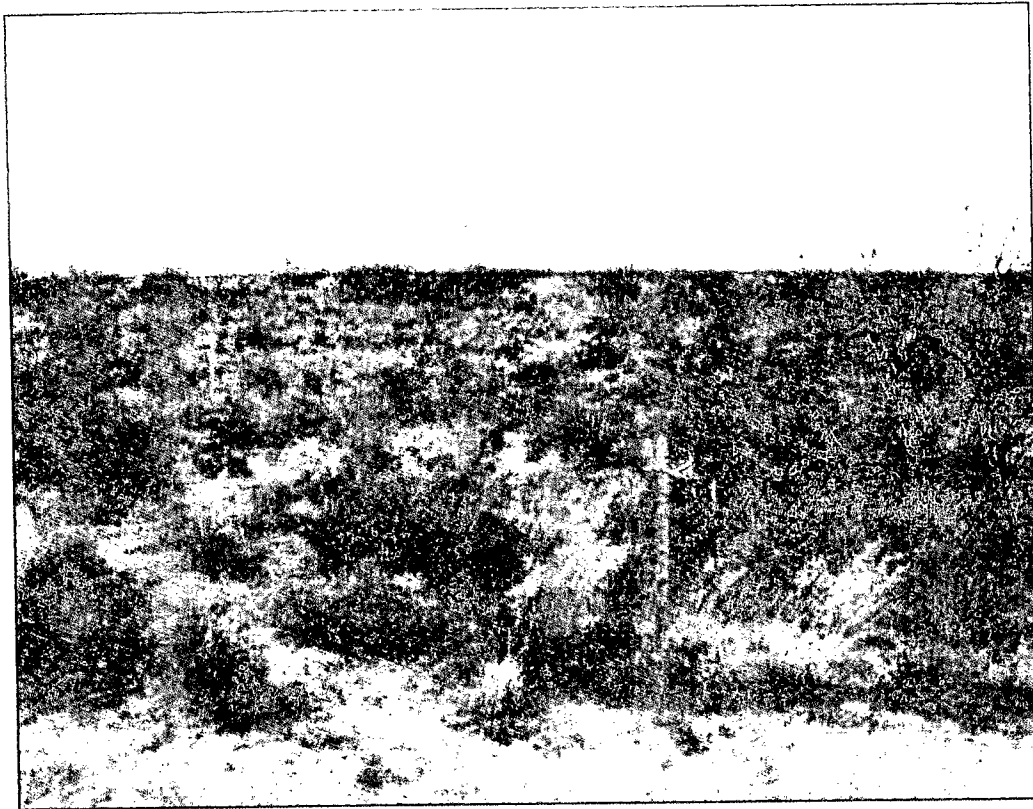
Map Contents

- ☒ nmcris
 - ☒ Archaeological Sites
 - ☒ Architectural Resources
 - ☒ Properties and Districts
 - ☒ NMCRIS Activities
 - ☒ Other Layers
- ☒ Background Reference Layers
 - ☒ Counties
 - ☒ Towns
 - ☒ DRGs
- ☒ NM 2009 NAIP Color Aerial Photos
- ☒ Satellite Imagery
 - ☒ ESRI Imagery_World_2D

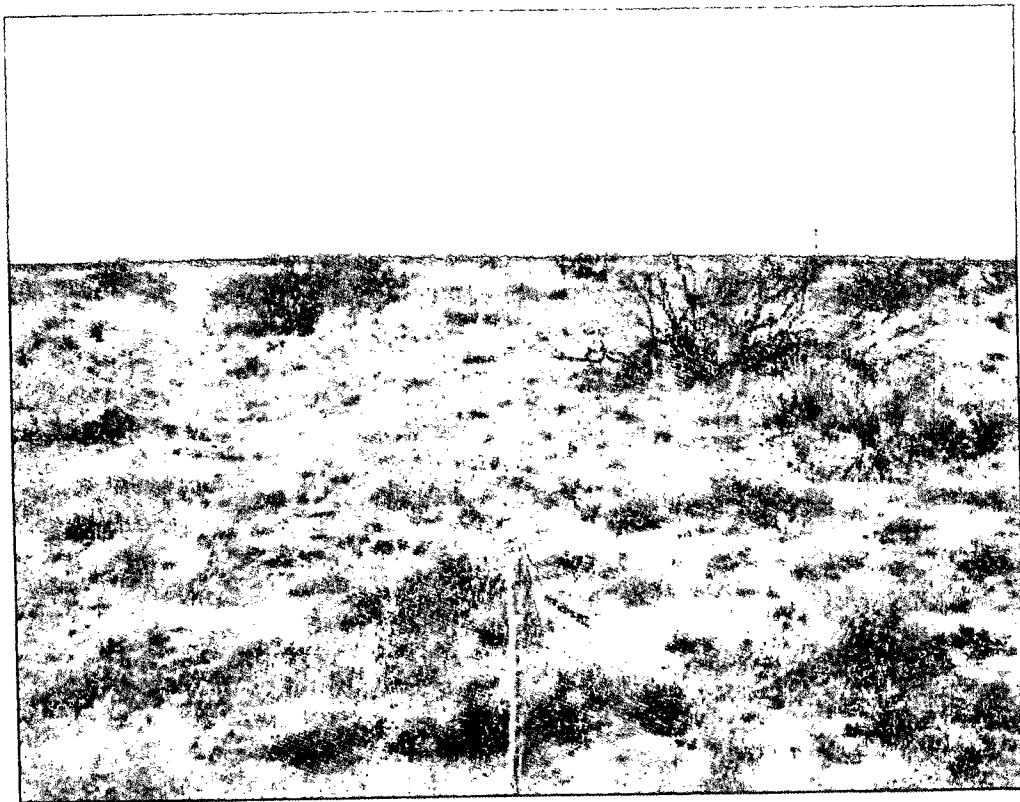


0 320 600 1200 1800 2400 Feet
NMCRIS

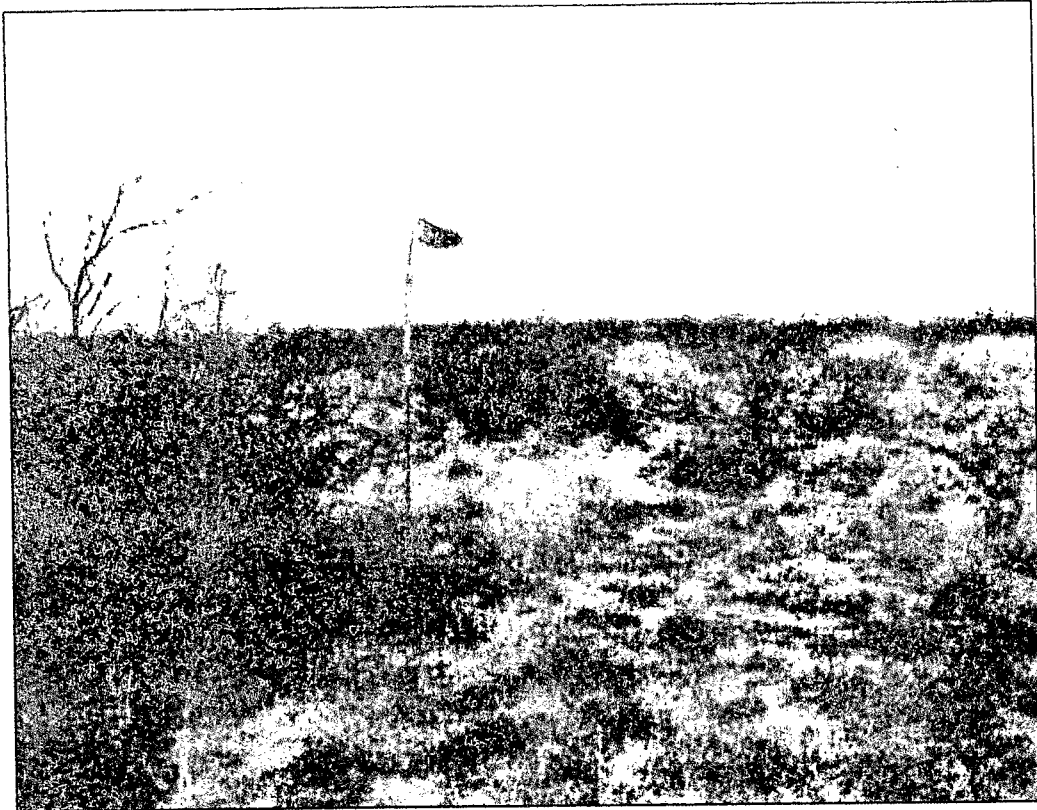




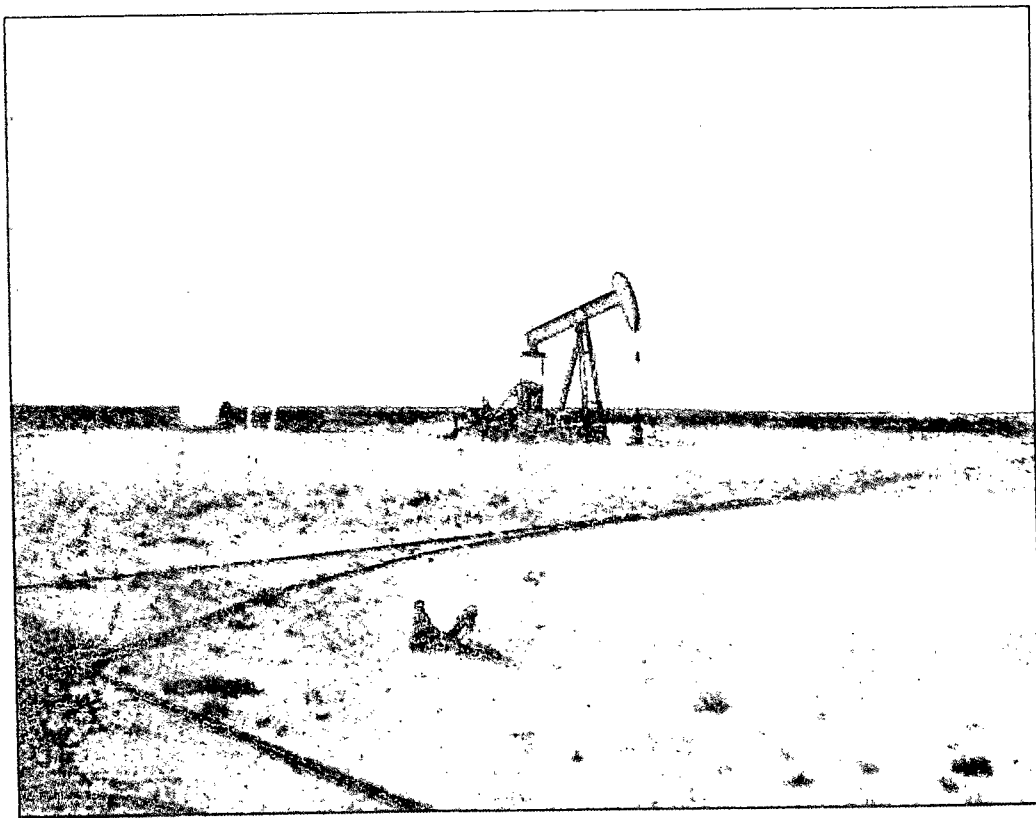
Overview of Jazz Bass 34 Fed 1H well pad area.



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

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		* Port Code	* Pool Name
* Property Code	* Property Name		* Well Number
	JAZZBASS 34 FEDERAL		1H
* UGRID No.	* Operator Name		* Location
270329	ENDURANCE RESOURCES, LLC		3189.0

" Surface Location

U.G. or Loc. No.	Section	Township	Range	Lot No.	Feet from ltr	North-South Line	Feet from ltr	East-West Line	County
M	34	25 S	35 E		330	SOUTH	660	WEST	LEA

" Bottom Hole Location If Different From Surface

U.G. or Loc. No.	Section	Township	Range	Lot No.	Feet from ltr	North-South Line	Feet from ltr	East-West Line	County
D	34	25 S	35 E		330	NORTH	660	WEST	LEA

* Dedicated Acres	* Rent or Lease	* Consolidation Code	* Order No.

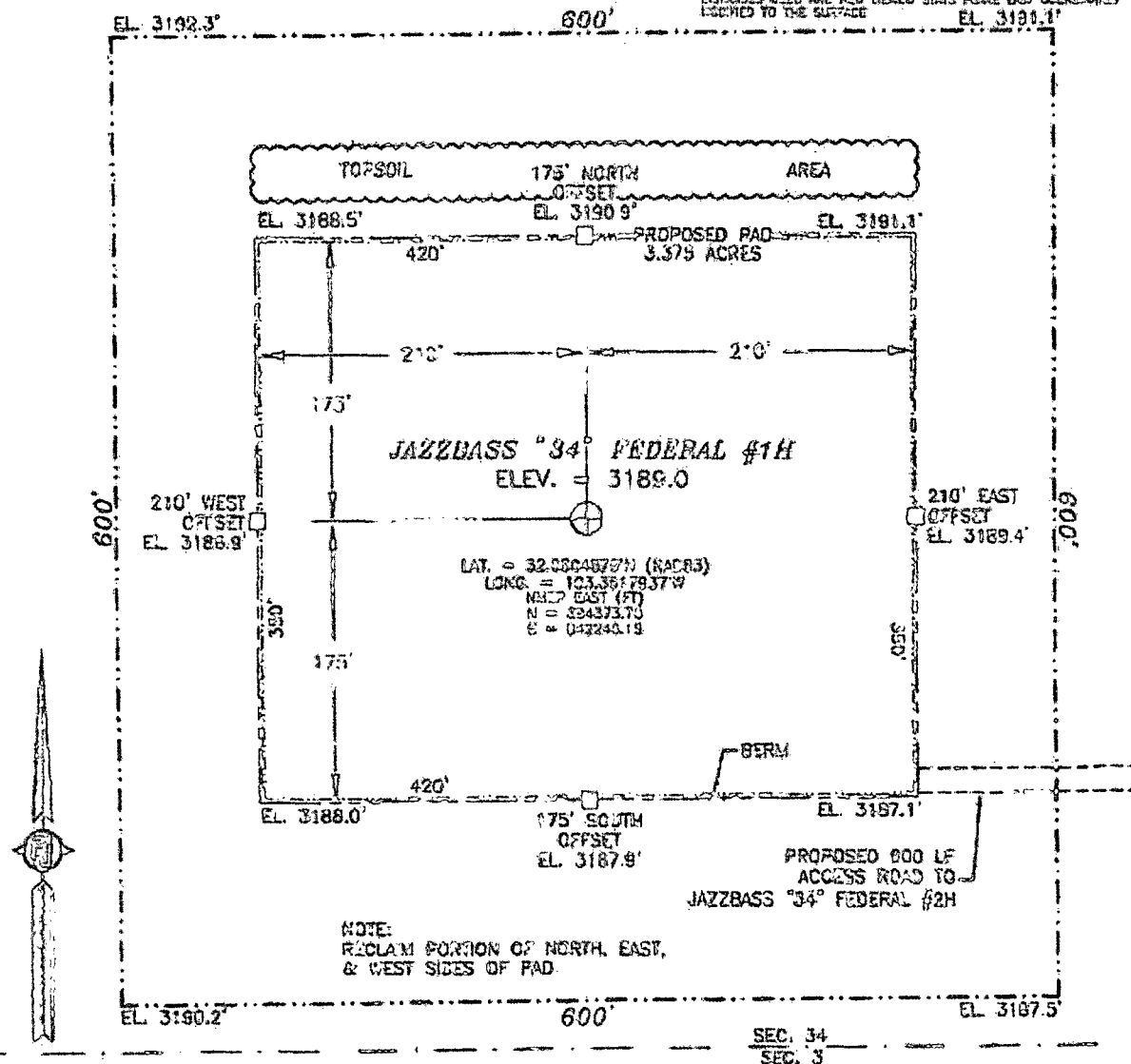
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>SECTION 34</p> <p>W O CORNER SEC. 34 LAT. = 32.073827N LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p> <p>SECTION 34</p> <p>E O CORNER SEC. 34 LAT. = 32.073827N LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p> <p>JAZZBASS "34" FEDERAL 91H ELEV. = 3189.0' LAT. = 32.073827N (HOLE) LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p> <p>SUP-202 250000</p> <p>W O CORNER SEC. 34 LAT. = 32.073827N LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p> <p>S O CORNER SEC. 34 LAT. = 32.073827N LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p> <p>E O CORNER SEC. 34 LAT. = 32.073827N LONG. = 103.361037W HNSP EAST (FT) N = 32073827 E = 32073827</p>		<p>" OPERATOR CERTIFICATION</p> <p>I, the undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the original plat as filed with the Office of the State Engineer, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Operator: _____</p> <p>Printed Name: _____</p> <p>Typed Name: _____</p> <p>" SURVEYOR CERTIFICATION</p> <p>I, the undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the original plat as filed with the Office of the State Engineer, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Surveyor: _____</p> <p>Printed Name: _____</p> <p>Typed Name: _____</p> <p>Certified Correct Copy of Original Plat as Filed with the Office of the State Engineer, August 1, 2011.</p> <p>State Engineer: _____</p>
---	--	---

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 GIVEN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANT EAST COORDINATES ARE GCS (NAD83). EAST COORDINATES AND DISTANCES USED ARE NEW MEXICO STATE PLANT EAST COORDINATES LISTED TO THE SURFACE.



0 10 40 100 200
SCALE 1" = 100'

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 2 (ATTLE ARK) AND EL PASO
PIPING ROAD, GO EAST ON EL PASO PIPING ROAD FOR APPROX.
11.0 MILES, GO NORTH ON 10' CALLOS LEASE ROAD APPROX. 1.1
MILES, LOCATION IS APPROX. 0.4 OF A MILE WEST.

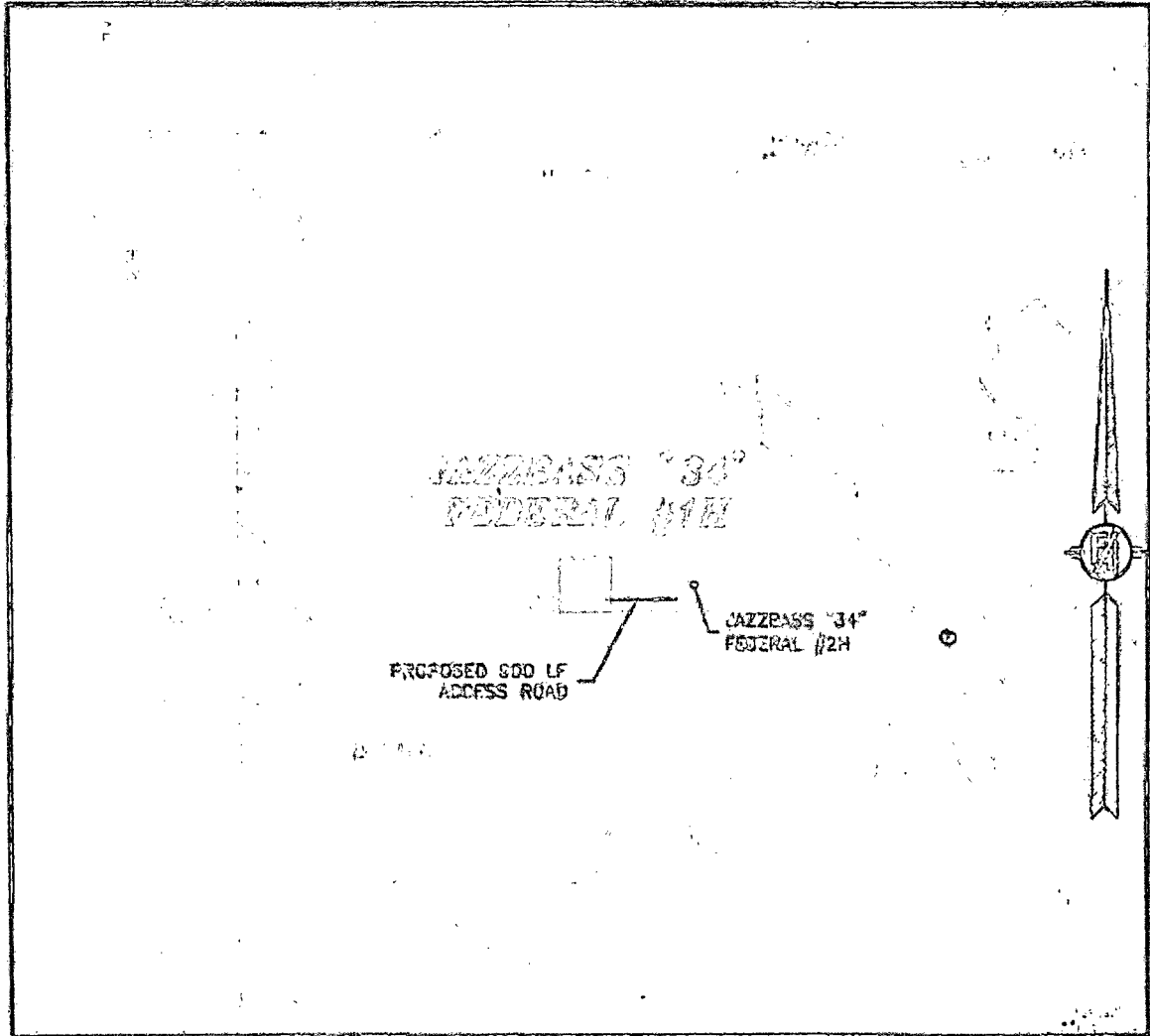
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #1H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

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



USGS QUAD MAP:
JAVELINA BASIN

NOT TO SCALE

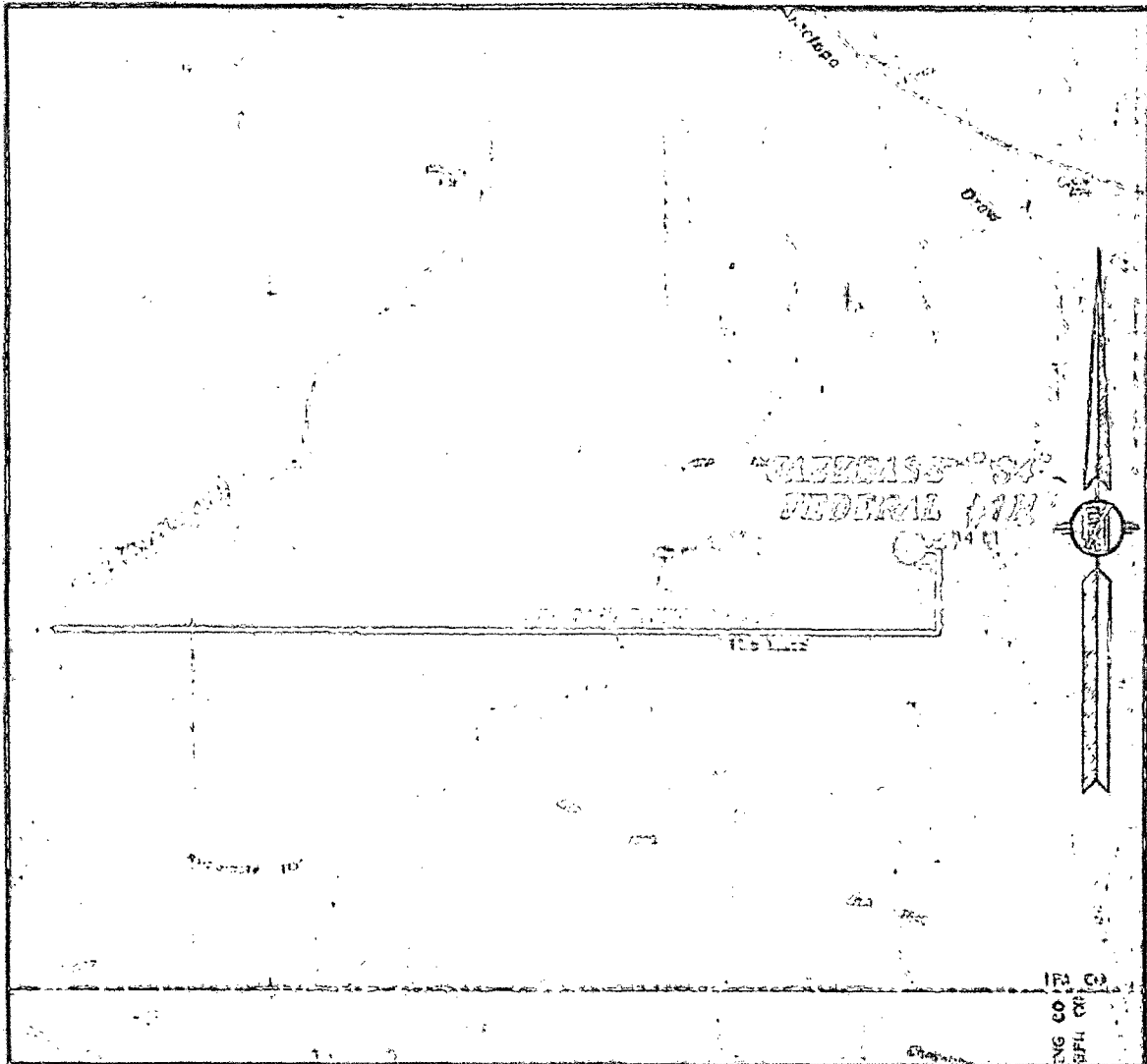
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #1H
LOCATED 930 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2478

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 #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

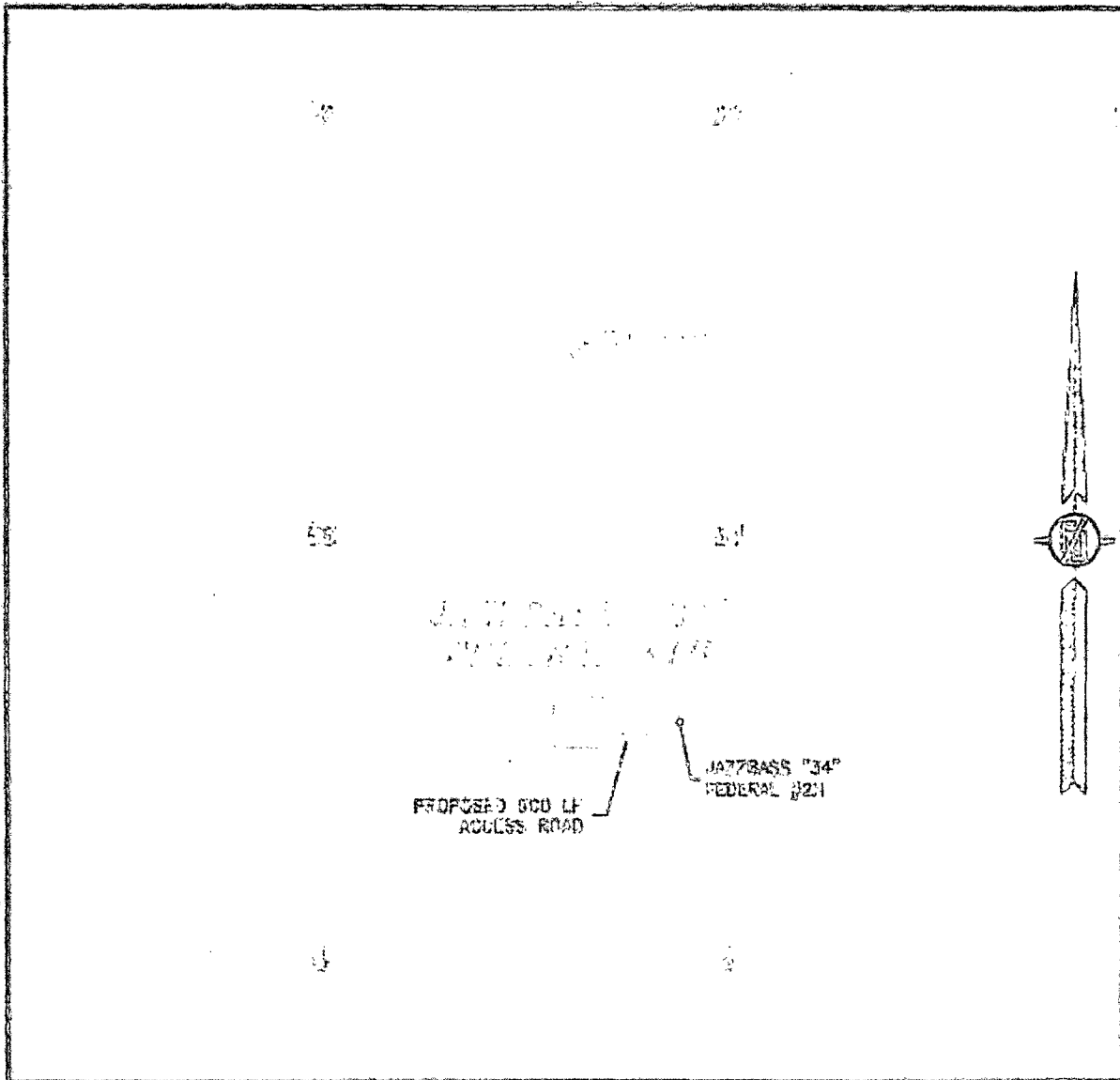
DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 2 (CATTLE AXES) AND EL PASO
FIRELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD (CR 2) APPROX
11.0 MILES, GO NORTH ON 10" CALICHE LEASE ROAD APPROX. 1.0
MILES, LOCATION IS APPROX. 0.4 OF A MILE WEST.

NOVEMBER 20, 2013

SURVEY NO. 2478

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:
GOOGLE EARTH
APRIL 2013

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, 2013

SURVEY NO. 2478

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

Oil and Gas
 1111 N. Rte. 100, Suite 100
 Santa Fe, NM 87505
 (505) 825-1111
 Fax: (505) 825-1112
 E-mail: info@nmdnr.com
 Website: www.nmdnr.com

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

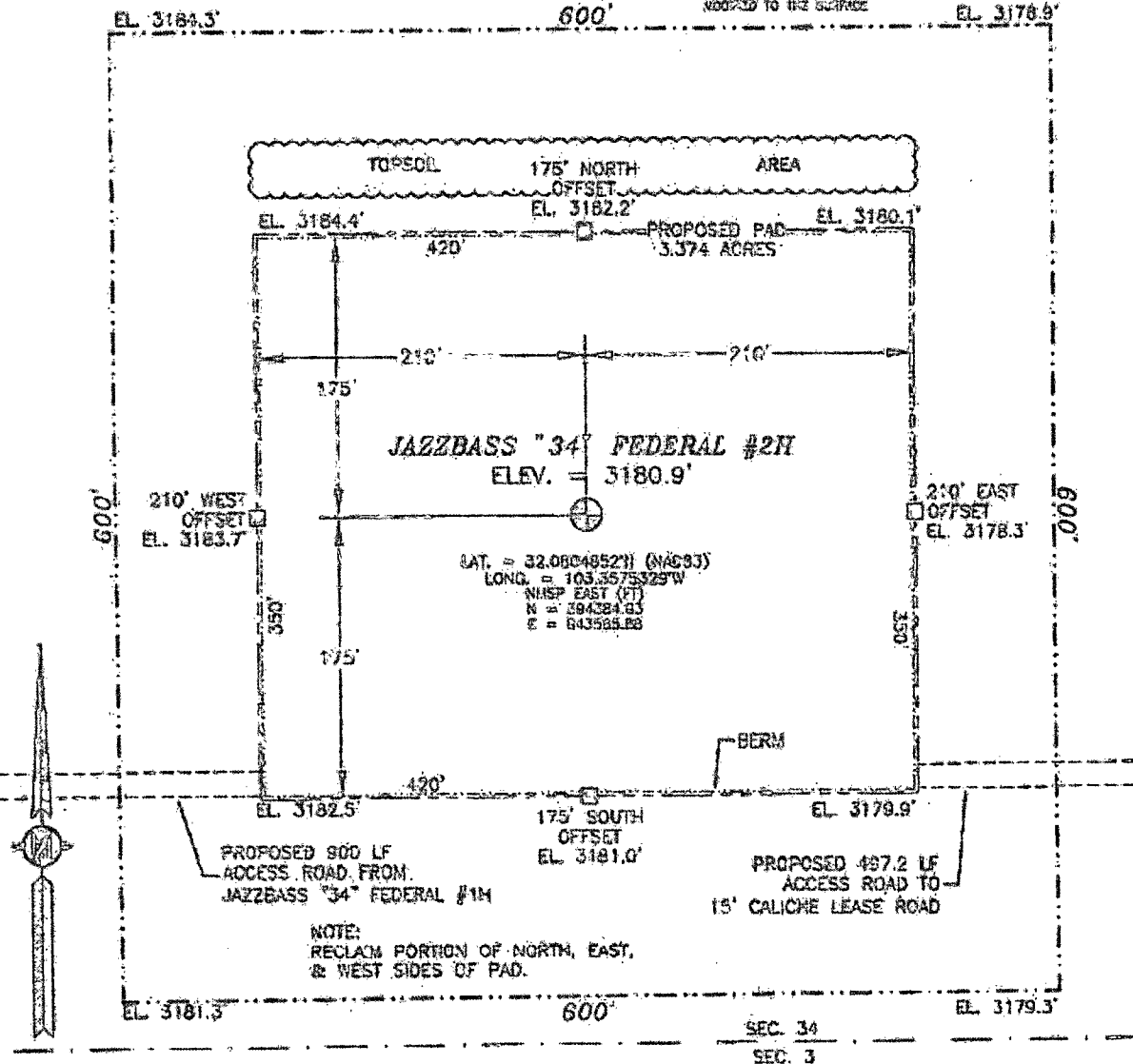
* API Number		* Field Code		* Field Name	
* Property Code		* Operator Name JAZZBASS 34 FEDERAL			
* Record No. 270329		* Operator Name ENDURANCE RESOURCES, LLC			
* Surface Location					
LL or lat. or	Section	Township	Range	East or West	Feet from the
N	34	25 S	35 E	330	SOUTH
				1980	WEST
				LEA	
* Bottom Hole Location If Different From Surface					
LL or lat. or	Section	Township	Range	East or West	Feet from the
C	34	25 S	35 E	330	NORTH
				1980	WEST
				LEA	
* Dedicated Acres		* Acreage Form		* Consolidation Code	
				* Order No.	

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>WELL LOCATION AND ACREAGE DEDICATION PLAT</p> <p>WELL: JAZZBASS 34 FEDERAL 2H</p> <p>API: 270329</p> <p>Operator: ENDURANCE RESOURCES, LLC</p> <p>Surface Location: Section 34, Township 25 S, Range 35 E, East 330, South 1980, West LEA</p> <p>Bottom Hole Location: Section 34, Township 25 S, Range 35 E, East 330, North 1980, West LEA</p> <p>Acres Dedicated: 3180.9</p> <p>Consolidation Code:</p> <p>Order No.:</p>		<p>OPERATOR CERTIFICATION</p> <p>I, the undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the well location and acreage dedication plat as the same appears on the records of the County Clerk of the County of Lea, New Mexico.</p> <p>Signature: _____ Date: _____</p> <p>Printed Name: _____</p> <p>Printed Title: _____</p>
<p>SURVEYOR CERTIFICATION</p> <p>I, the undersigned, being duly sworn, depose and say that the foregoing is a true and correct copy of the well location and acreage dedication plat as the same appears on the records of the County Clerk of the County of Lea, New Mexico.</p> <p>Signature: _____ Date: _____</p> <p>Printed Name: _____</p> <p>Printed Title: _____</p>		

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 GIVEN USING THE NAD83 DATUM. LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRS (NAD83), BASED ON EASING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES ADJUSTED TO THE SURFACE



0 50 100 200
SCALE 1" = 100'

DIRECTIONS TO LOCATION:
FROM THE INTERSECTION OF CR 2 (EASTLINE AVE) AND EL PASO PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX. 11.5 MILES. GO NORTH ON 10' CALICHE LEASE ROAD APPROX. 1.1 MILES. LOCATION IS APPROX. 700' WEST.

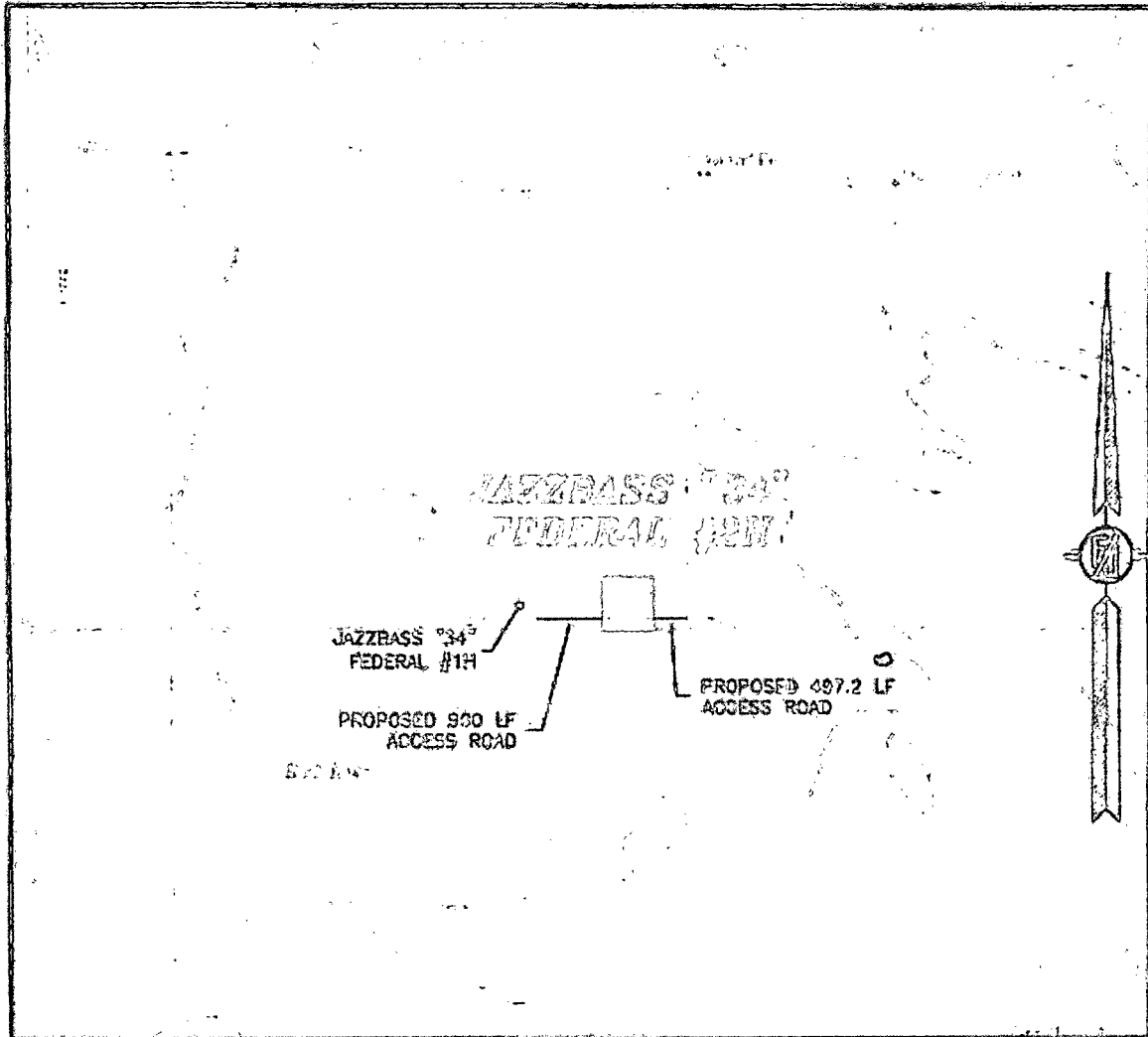
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #2H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 1980 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

SURVEY NO. 2479

MADRON SURVEYING, INC. 501 SOUTH CANAL 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:
JAVILINA BASIN

NOT TO SCALE

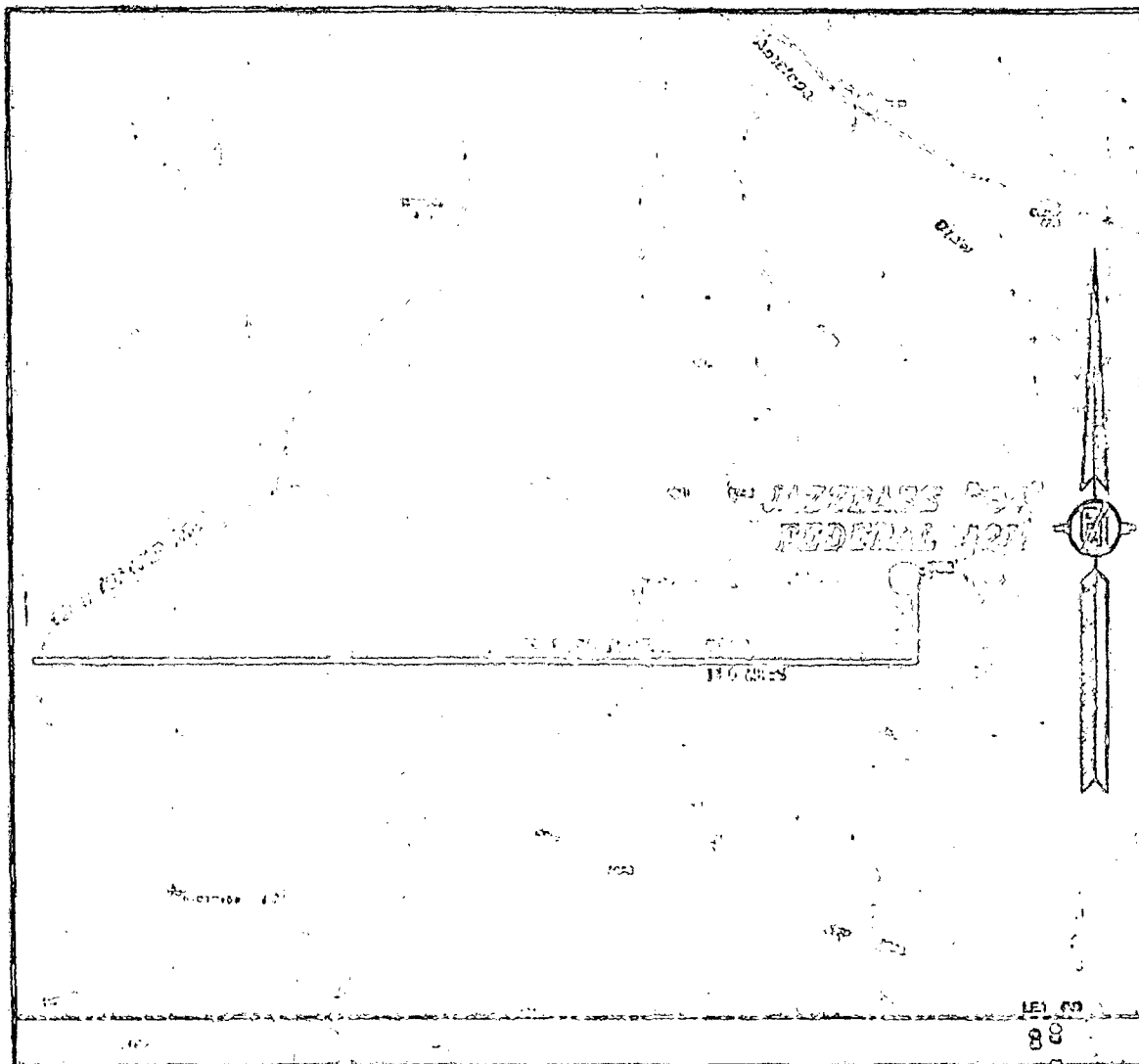
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #2H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 1980 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013.

SURVEY NO. 2479

MADRON SURVEYING, INC. 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

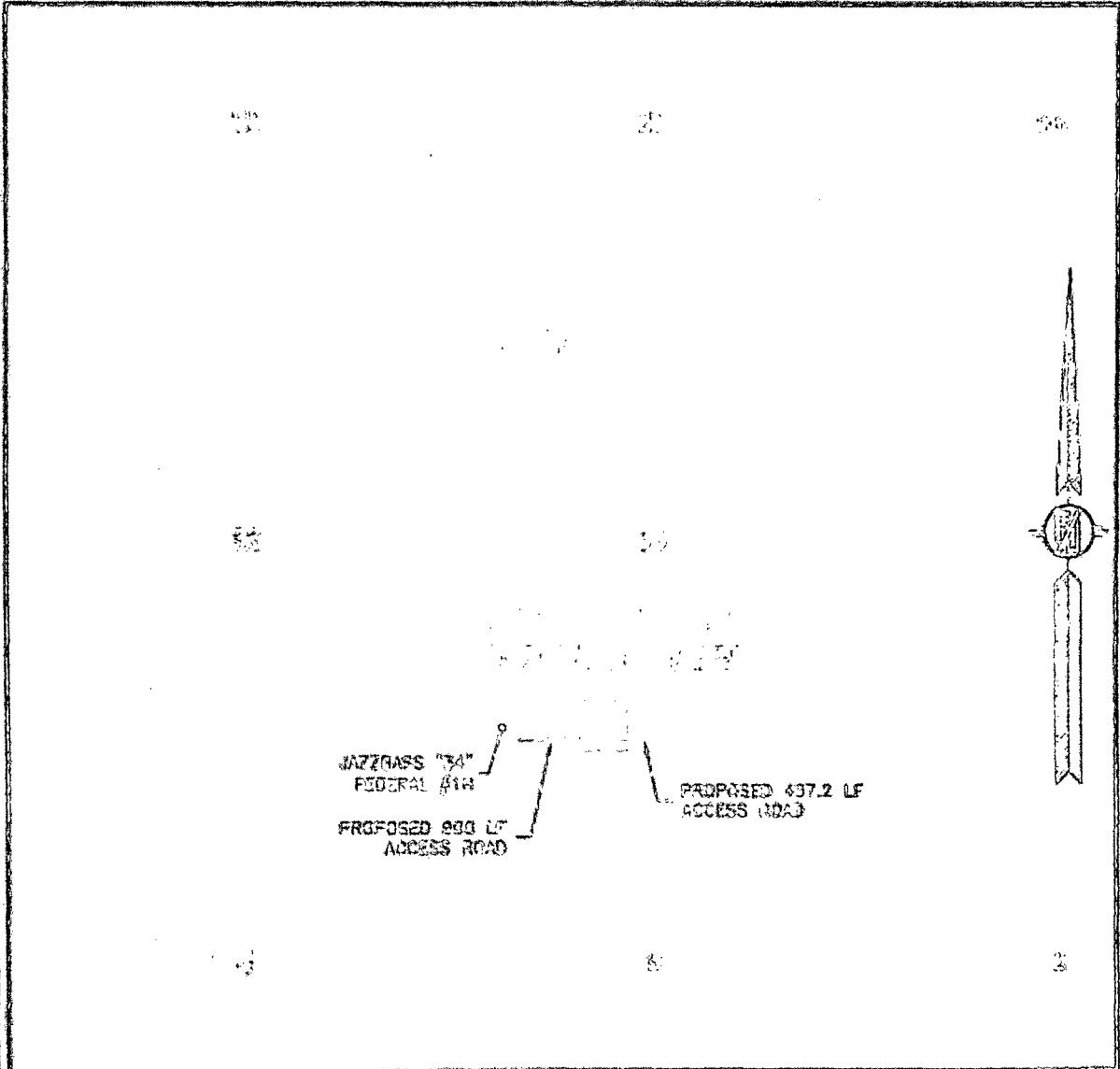
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #2H
LOCATED 380 FT. FROM THE SOUTH LINE
AND 1980 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 20, 2013

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF SR 2 (BATTLE AVE) AND EL PASO
PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX.
11.5 MILES, GO NORTH ON 1ST CALUMNE PLACE ROAD APPROX. 1.1
MILES, LOCATION IS APPROX. 750' WEST.

MADRON SURVEYING, INC. SURVEY NO. 2479
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:
GOOGLE EARTH
APRIL 2013

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. CARLSBAD, NEW MEXICO

SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE GIVEN USING THE NORTH AMERICAN DATUM OF 1983. (COORDS LISTED NOT UNITED STATES PLANS BUT COORDINATES ARE OLD INCHON). DEDS OF FRAMES AND DISTANCES GIVEN ARE NOT UNITED STATES PLANS BUT COORDINATES LISTED TO THE SLAVE



SCALE = 100

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 2 (ATTLE ARK) AND EL PASO
POPLAR ROAD, GO EAST ON EL PASO HIGHWAY ROAD FOR APPROX
11.8 MILES GO NORTH ON 10' GRAVEL LOOSE ROAD APPROX 1.1
MILES. LOCATION IS A RE-ENTRY OF THE ENTRANCE BETWS #1
CELL TO THE EAST APPROX. 360'.

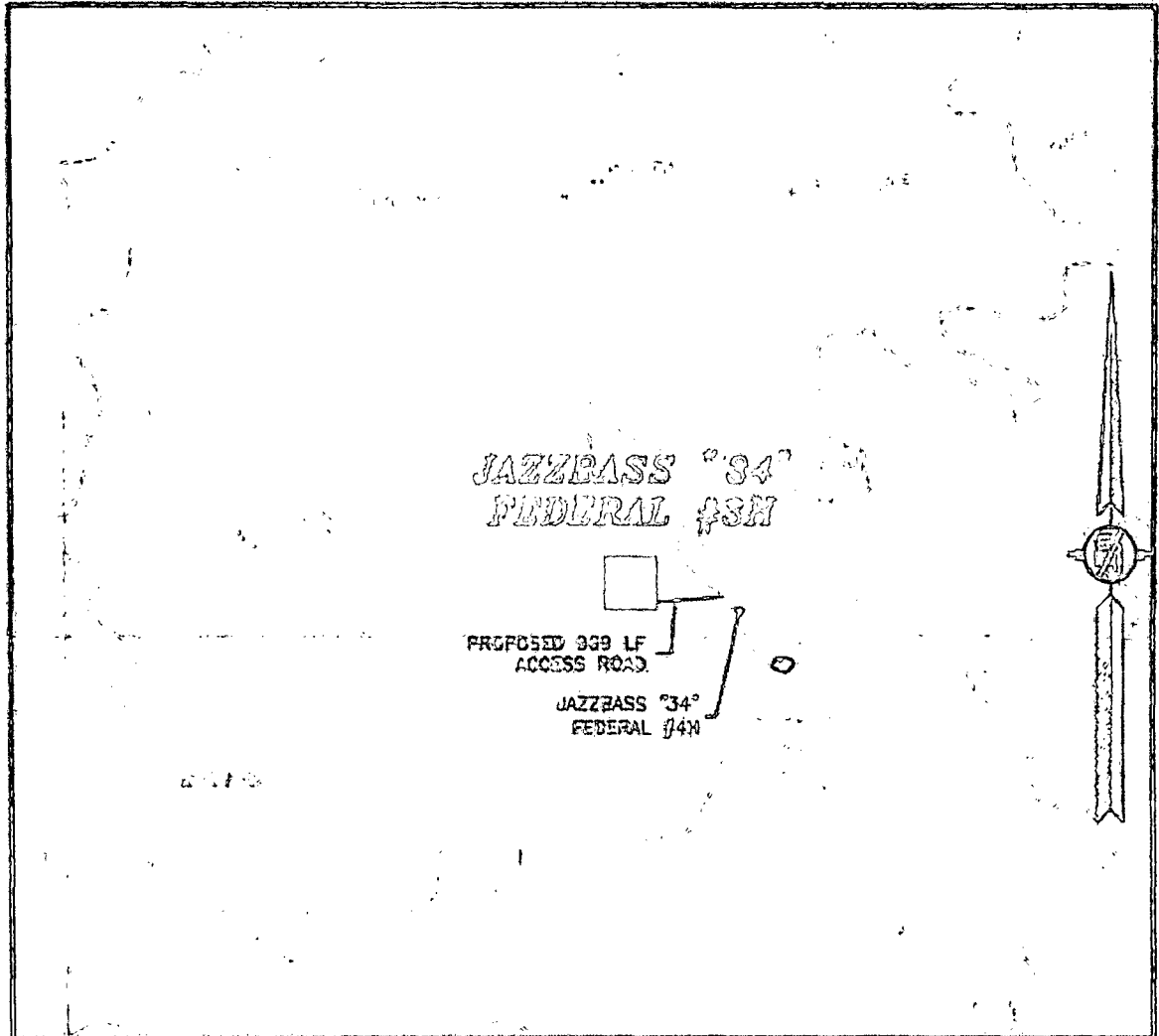
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #3H
LOCATED 660 FT. FROM THE SOUTH LINE
AND 1980 FT. FROM THE EAST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

SURVEY NO. 2480.

MADRON SURVEYING, INC. INCORPORATED 1971 **CARLSBAD, NEW MEXICO**
800-225-5540

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

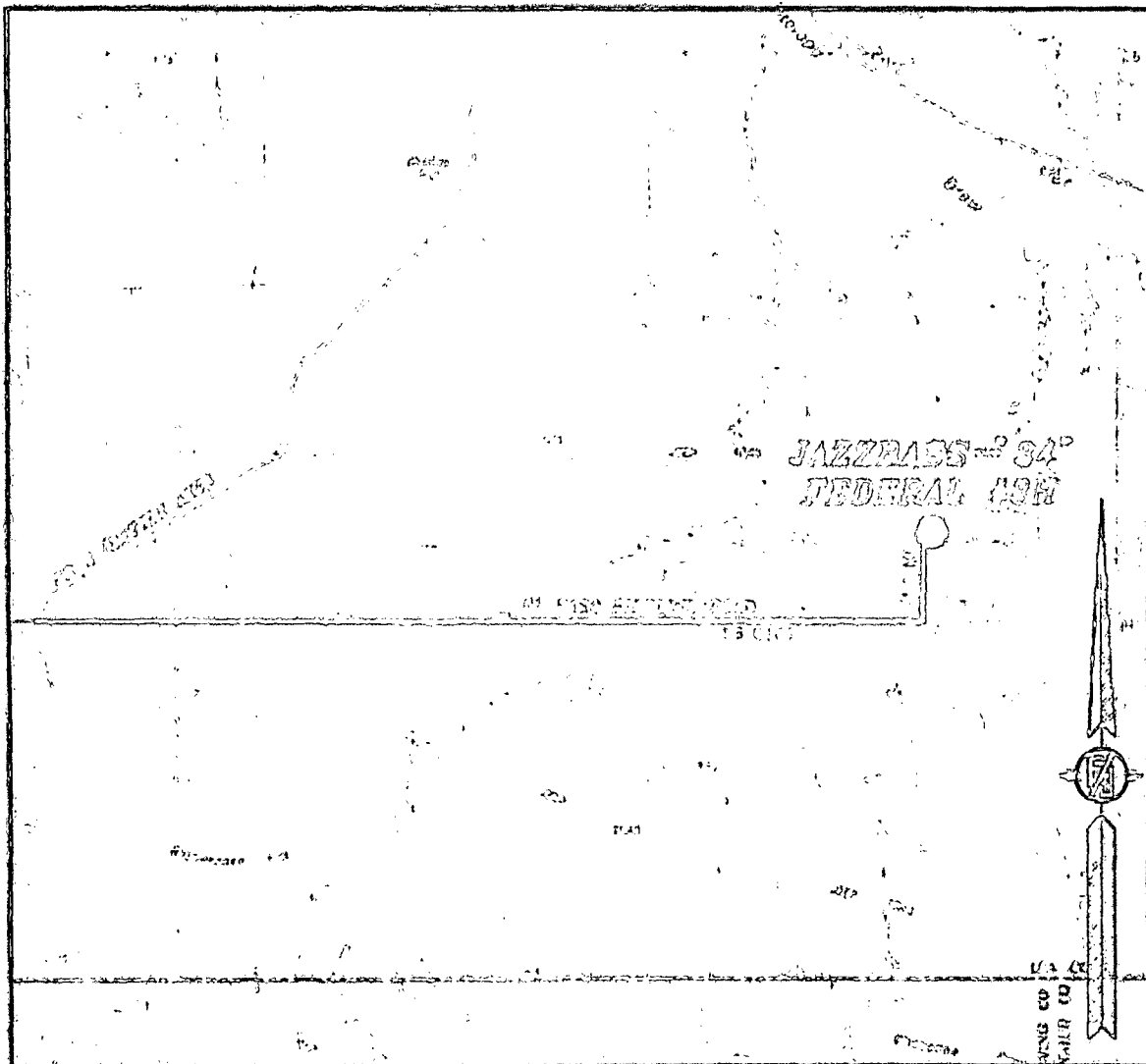
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #3H
LOCATED 660 FT. FROM THE SOUTH LINE
AND 1980 FT. FROM THE EAST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 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
VICINITY MAP



NOT TO SCALE

ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #3H
LOCATED 660 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

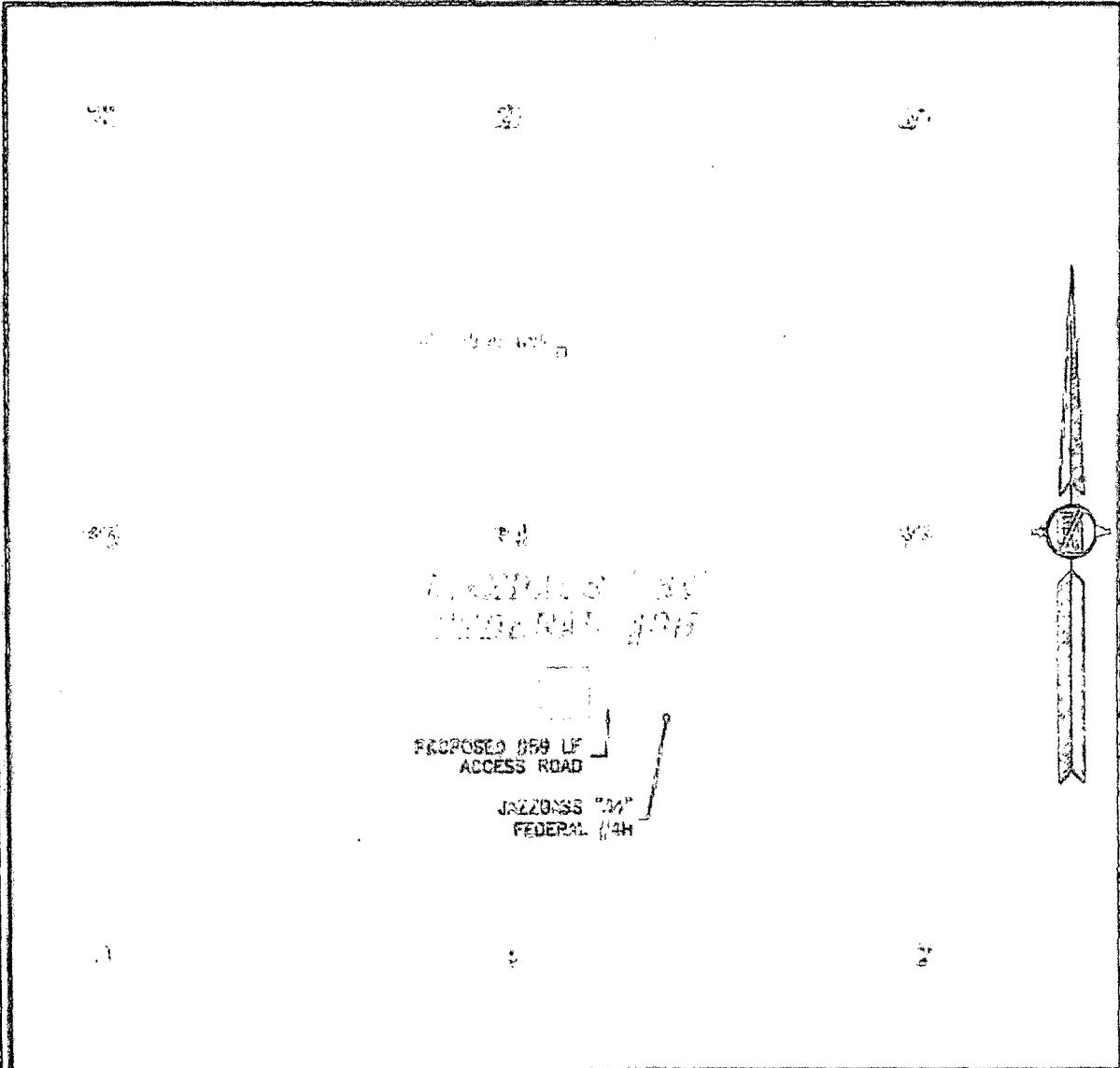
NOVEMBER 22, 2013

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 2 (CATTLE AGE) AND EL PASO
PIPING ROAD, GO EAST ON EL PASO PIPING ROAD FOR APPROX.
11.8 MILES, GO NORTH ON 1ST CALICHE LEASE ROAD APPROX. 1.1
MILES. LOCATION IS A RE-ENTRY OF THE ENDURANCE EITB #1
WELL TO THE EAST APPROX. 250'.

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
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
APRIL 2013

ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #3H
LOCATED 660 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, 2013

SURVEY NO. 2480

MADRON SURVEYING, INC. 5125 CARLSBAD, NEW MEXICO

Form 1
 10/2/2014 10:00 AM
 10/2/2014 10:00 AM
 10/2/2014 10:00 AM
 10/2/2014 10:00 AM
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 10/2/2014 10:00 AM
 10/2/2014 10:00 AM

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. APL Number		2. Pool Code		3. Pool Name	
4. Property Code		5. Property Name JAZZBASS 34 FEDERAL			
6. APL No. 13837		7. Operator Name ENDURANCE RESOURCES, LLC			
		8. Well Number 4H			
		9. Elevation 3148.7			
10. Surface Location					
11. Four Corners	Section	Township	Range	12. 1st 1/4	13. 2nd 1/4
P	34	25 S	35 E	330	SOUTH
				14. 3rd 1/4	15. 4th 1/4
				660	EAST
				County LEA	
16. Bottom Hole Location If Different From Surface					
17. Four Corners	Section	Township	Range	18. 1st 1/4	19. 2nd 1/4
A	34	25 S	35 E	330	NORTH
				14. 3rd 1/4	15. 4th 1/4
				660	EAST
				County LEA	
11. Dedicated Acres		12. 1st 1/4 or 1/2		13. Condition Code	
				14. Order No.	

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

<p>NO. 1 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 2 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 3 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 4 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p>		<p>NO. 1 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 2 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 3 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 4 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p>		<p>NO. 1 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 2 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 3 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 4 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p>		<p>NO. 1 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 2 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 3 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p> <p>NO. 4 CORNER SEC. 34 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p>	
<p>JAZZBASS 34 FEDERAL 64H ELEV. = 3148.7 LAT. = 3208.9531N LONG. = 103.362531W NUCP EAST (FT) N = 3317.75 E = 84.54245</p>							
<p>OPERATOR CERTIFICATION I, the undersigned, being duly qualified, do hereby certify that the well location and acreage dedication information shown on this plat is true and correct to the best of my knowledge and belief, and that the same is in accordance with the provisions of the Oil and Gas Conservation Act, N.M.S.A. 1978, 19-1-1, et seq.</p> <p>Signature: _____ Date: _____</p> <p>Print Name: _____</p> <p>Typed Address: _____</p>							
<p>SURVEYOR CERTIFICATION I, the undersigned, being duly qualified, do hereby certify that the well location and acreage dedication information shown on this plat is true and correct to the best of my knowledge and belief, and that the same is in accordance with the provisions of the Oil and Gas Conservation Act, N.M.S.A. 1978, 19-1-1, et seq.</p> <p>Signature: _____ Date: _____</p> <p>Print Name: _____</p> <p>Typed Address: _____</p>							

SITE MAP

EL. 3159.2' 600' EL. 3135.0'

PROPOSED 969 LF ACCESS ROAD TO JAZZBASS #34 FEDERAL #34

175' NORTH OFFSET EL. 3144.2'

EL. 3151.8' 420' EL. 3139.1'

PROPOSED PAD 3.374 ACRES

210' 210'

175'

JAZZBASS #34 FEDERAL #4H ELEV. = 3148.7'

210' WEST OFFSET EL. 3155.9'

210' EAST OFFSET EL. 3145.2'

350' 350'

175'

420'

EL. 3157.1' EL. 3145.6'

175' SOUTH OFFSET EL. 3182.2'

TOPSOIL AREA

BERM

NOTE: RECLAIM PORTION OF NORTH, WEST, & EAST SIDES OF PAD.

EL. 3154.9' 600' EL. 3144.9'

NOTE:
RECLAIM PORTION OF NORTH, WEST,
& EAST SIDES OF PAD.

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CR 2 (MAYNE AVE) AND EL PAD
GREENLINE ROAD, GO EAST ON EL PAD GREENLINE ROAD FOR APPROX.
11.8 MILES, GO NORTH ON 10' CALIBRE LAKE ROAD APPROX. 1.1
MILES, GO EAST ON 10' CALIBRE LAKE ROAD (ACROSS SOUTH SIDE OF
GREENLINE PAD FOR USH) FOR APPROX. 100'. LOCATION IS APPROX. 1127
EAST.

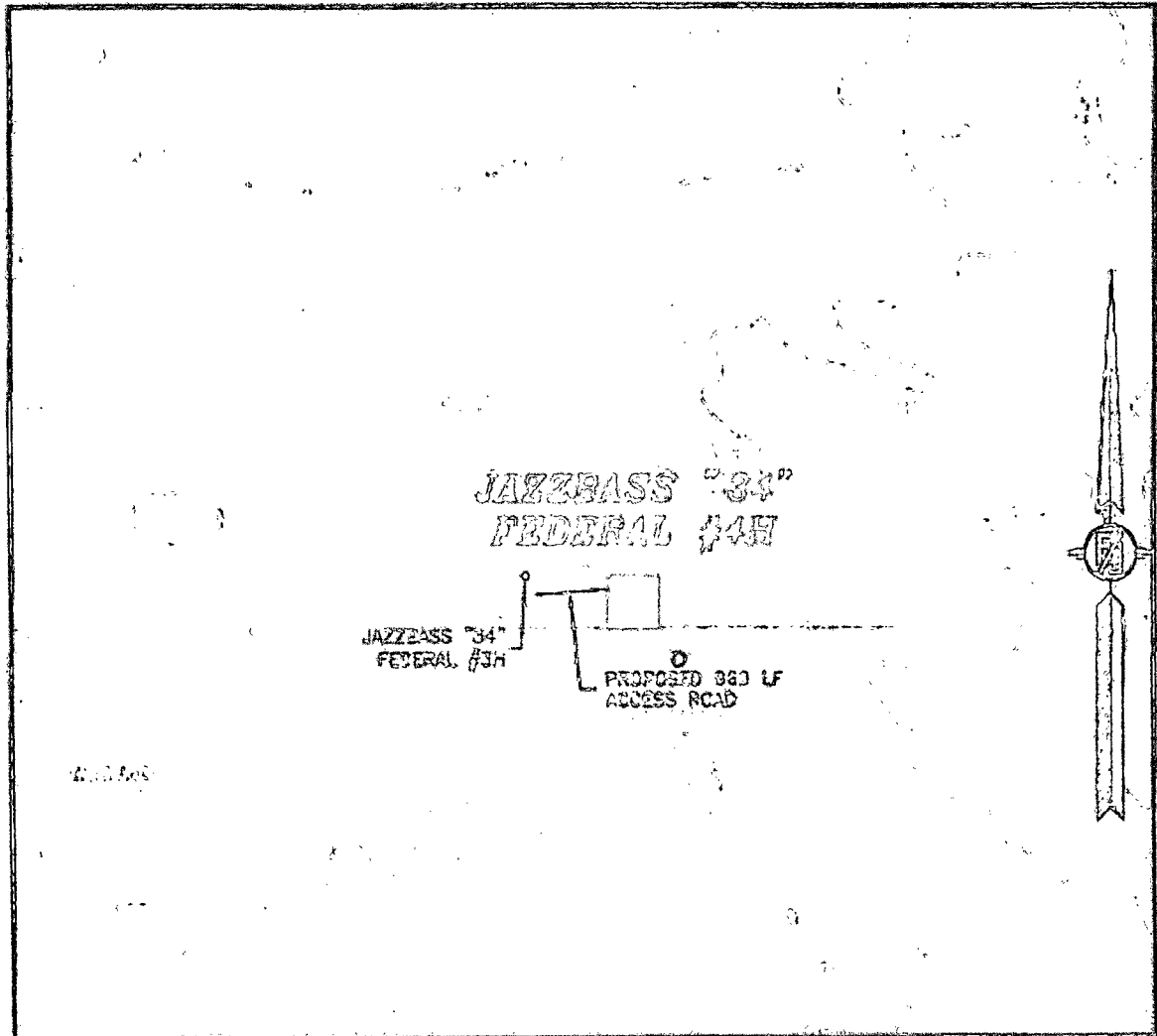
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #4H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

SURVEY NO. 2481

MADRON SURVEYING, INC. ³⁰¹⁻³⁶⁴⁻¹²¹⁴ 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

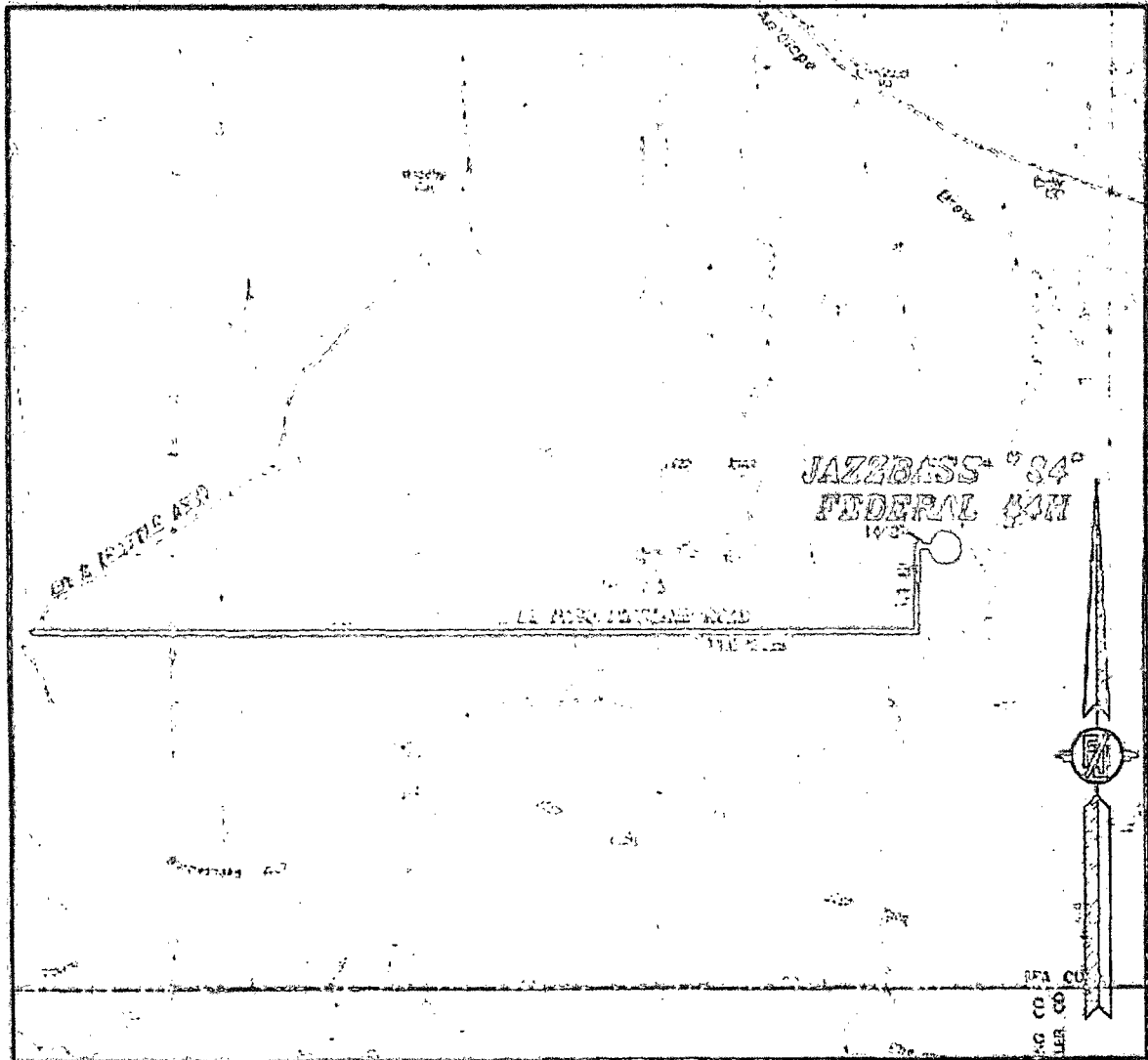
ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #4H
LOCATED 330 FT. FROM THE SOUTH LINE
AND 660 FT. FROM THE EAST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOVEMBER 22, 2013

SURVEY NO. 2481

MADRON SURVEYING, INC. NEW 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 #4H
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

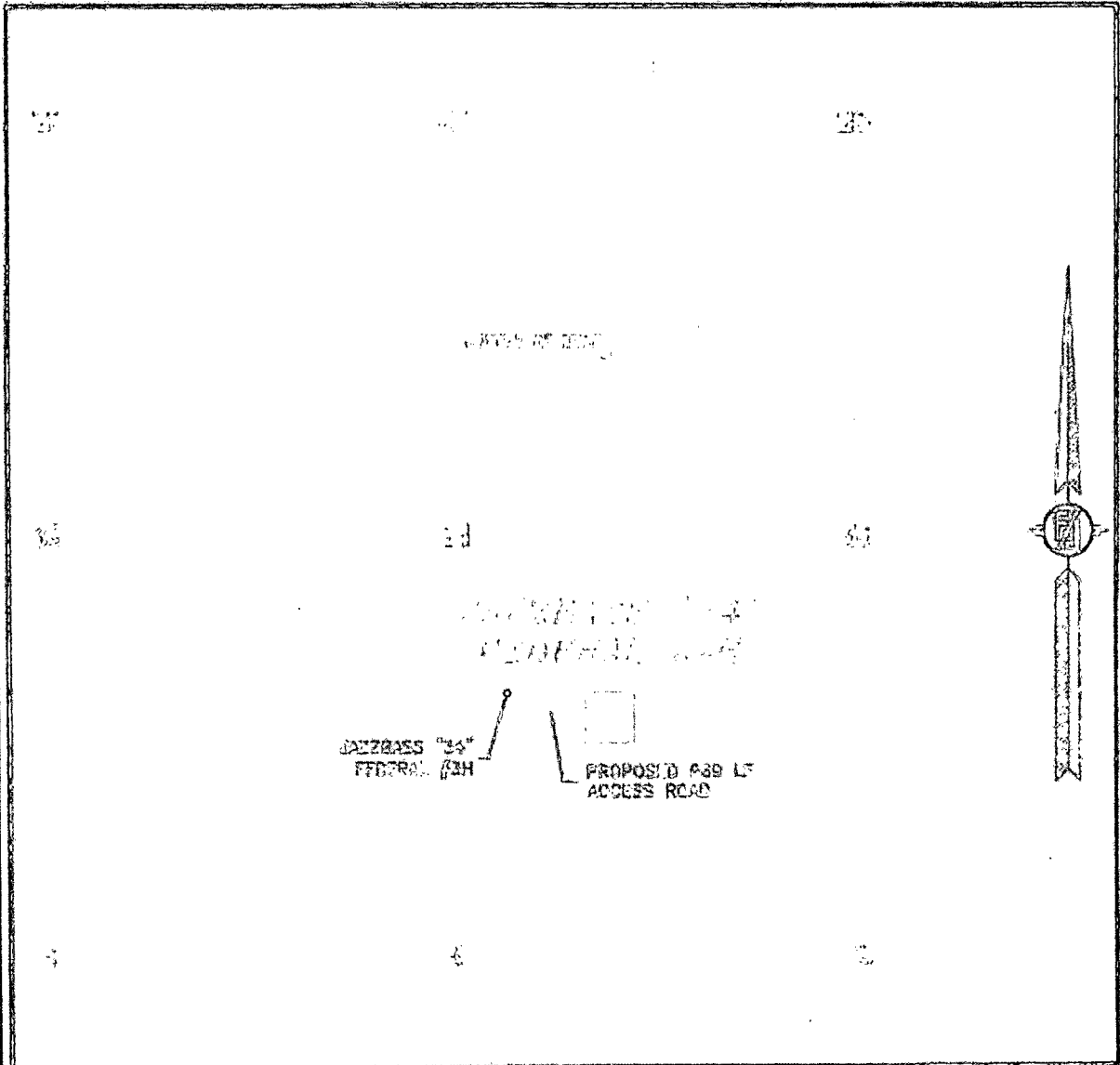
DIRECTION TO LOCATION
FROM THE INTERSECTION OF CR 2 (CAULDS AVE) AND E. PACO
PIPELINE ROAD, GO EAST ON E. PACO PIPELINE ROAD FOR APPROX.
11.0 MILES, GO NORTH ON 10' CAULDS LEASE ROAD APPROX. 1.3
MILES, GO EAST ON 15' CAULDS LEASE ROAD (ACROSS SOUTH SIDE OF
CAULDS RD FOR #34) FOR APPROX. 1.125 MILES. LOCATION IS APPROX. 1125'
EAST.

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:
GOOGLE EARTH
APRIL 2013

ENDURANCE RESOURCES, LLC
JAZZBASS "34" FEDERAL #4H
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

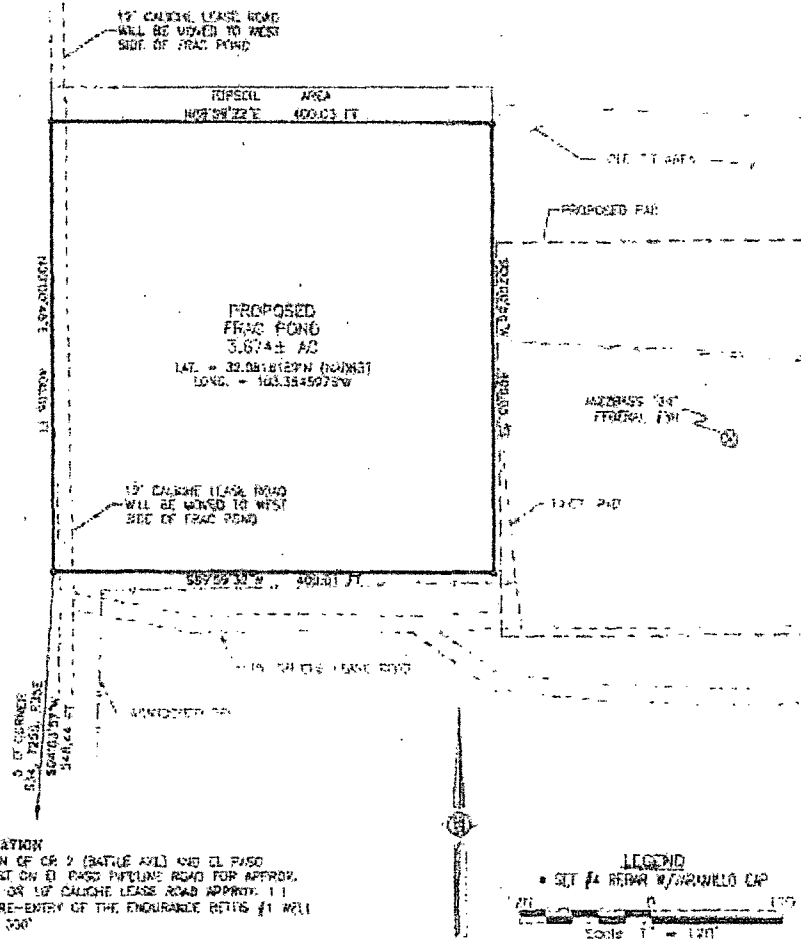
SURVEY NO. 2481

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

JAZZBASS "34" FEDERAL #3H FRAC POND

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

DECEMBER 30, 2013



DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF CR 2 (BATTLE AVENUE) AND EL PASO PIPELINE ROAD, GO EAST ON EL PASO PIPELINE ROAD FOR APPROX. 11.8 MILES, GO NORTH ON 12' CALICHE LEASE ROAD APPROX. 1.1 MILES. LOCATION IS A RE-ENTRY OF THE ENDURANCE BEING #1 WELL TO THE EAST APPROX. 350'

DESCRIPTION

A CERTAIN PIECE OR PARCELS OF LAND AND REAL ESTATE LYING IN THE SW/4 SE/4 OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHWEST CORNER OF THE PARCEL, WHENCE THE SOUTH QUARTER CORNER OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S04°03'57"W, A DISTANCE OF 548.44 FEET;
THENCE N00°00'45"E A DISTANCE OF 400.06 FEET TO THE NORTHWEST CORNER OF THE PARCEL;
THENCE N85°55'22"E A DISTANCE OF 400.03 FEET TO THE NORTHEAST CORNER OF THE PARCEL;
THENCE S00°00'56"W A DISTANCE OF 400.03 FEET TO THE SOUTHWEST CORNER OF THE PARCEL;
THENCE S85°55'32"W A DISTANCE OF 400.01 FEET TO THE SOUTHWEST CORNER OF THE PARCEL TO THE POINT OF BEGINNING,
CONTAINING 3.674 ACRES MORE OR LESS.

SURVEYOR CERTIFICATE

I, FLORENCE P. MARANILLA, A NEW MEXICO PROFESSIONAL SURVEYOR (No. 17797), HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO THIS 20th DAY OF JANUARY 2014

GENERAL NOTES

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A FRAC POND

2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE

WITNESS MY HAND AND SEAL
CARLSBAD, NEW MEXICO 88720
Phone (505) 235-3347

SHEET 1-3

MADRON SURVEYING, INC CARLSBAD, NEW MEXICO

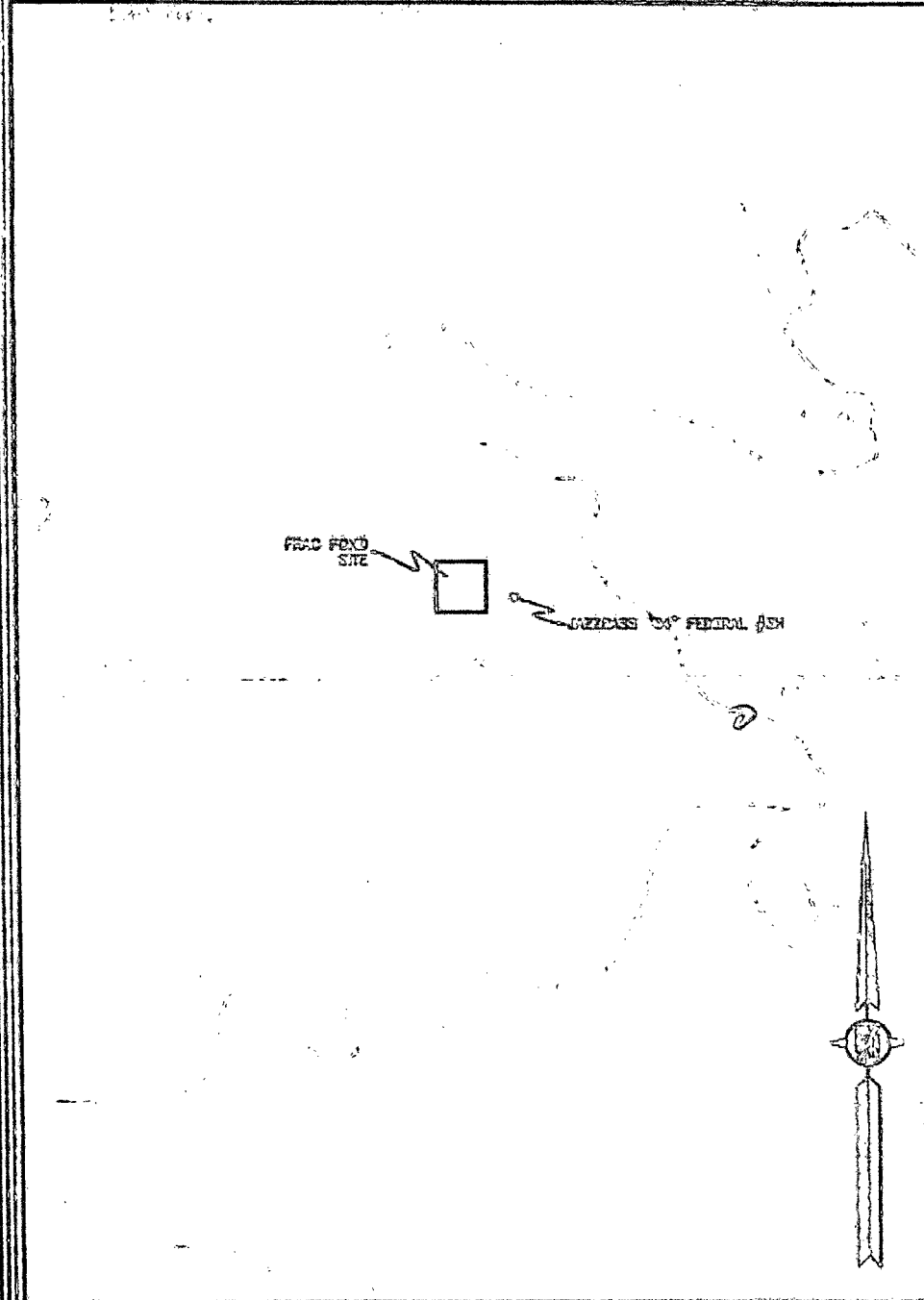
SURVEY NO. 2554

JAZZBASS "34" FEDERAL #3H FRAC POND

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

DECEMBER 30, 2013

QUAD MAP



SHEET: 2-3

SURVEY NO. 2554

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

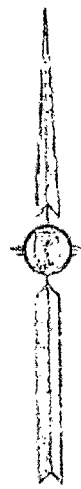
JAZZBASS "34" FEDERAL 1/3H PRAC POND

ENDURANCE RESOURCES, LLC

IN THE SW/4 SE/4 OF
SECTION 34, TOWNSHIP 23 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 30, 2013

AERIAL PHOTO



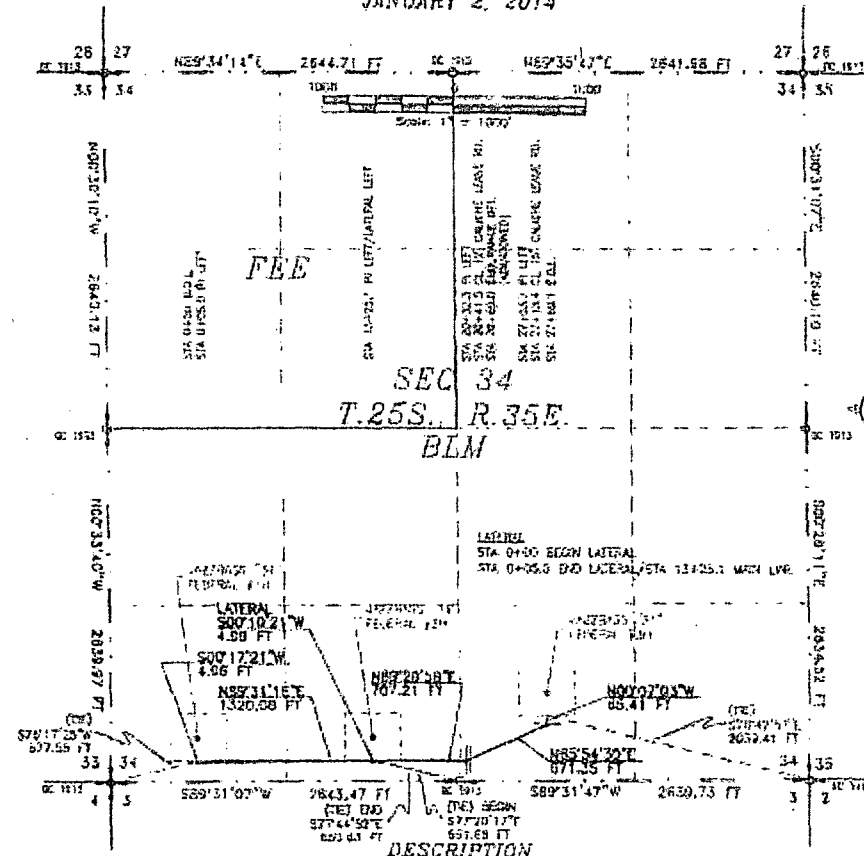
SHEET 3-3

SURVEY NO 2554

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

4" POLY FLOW LINES TO CONNECT THE JAZZBASS "34" FEDERAL #111 & #211
TO THE JAZZBASS "34" FEDERAL #311 TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
JANUARY 2, 2014



A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 10 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WITHIN THE SW/4 SE/4 OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., WHERE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS 577°17'21"W, A DISTANCE OF 677.55 FEET; THENCE 589°31'07"W A DISTANCE OF 4.98 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE 589°31'07"W A DISTANCE OF 1321.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE 589°31'07"W A DISTANCE OF 707.21 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE 589°31'07"W A DISTANCE OF 677.35 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE 589°31'07"W A DISTANCE OF 651.68 FEET TO THE TERMINUS OF THIS CENTERLINE SURVEY, WHERE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS 577°17'21"W, A DISTANCE OF 2039.41 FEET.

SAID STRIP OF LAND BEING 776.01 FEET OR 157.02 RODS IN LENGTH, CONTAINING 1.003 ACRES MORE OR LESS AND BEING ALLOCATED BY PORTION AS FOLLOWS:

SW/4 SW/4	247.53 LF.	49.43 RODS	0.469 ACRES
SE/4 SW/4	1321.79 LF.	80.11 RODS	0.910 ACRES
SW/4 SE/4	780.19 LF.	47.28 RODS	0.537 ACRES

LATERAL BEGINNING AT A POINT WITHIN THE SE/4 SW/4 OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., WHERE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS 577°17'21"W, A DISTANCE OF 677.55 FEET; THENCE 589°31'07"W A DISTANCE OF 4.98 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHERE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS 577°17'21"W, A DISTANCE OF 677.35 FEET.

SAID STRIP OF LAND BEING 1.003 ACRES MORE OR LESS AND BEING ALLOCATED BY PORTION AS FOLLOWS:

SE/4 SW/4	4.98 LF.	0.10 RODS	0.003 ACRES
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GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SURVEYOR CERTIFICATE

I, PHILIP T. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12757, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAN MEET THE USUAL STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 2 DAY OF JANUARY 2014

PHILIP T. JARAMILLO, PLS. 12757
301 SOUTH 2000
CARLSBAD, NEW MEXICO 88502
PHONE (505) 244-1311

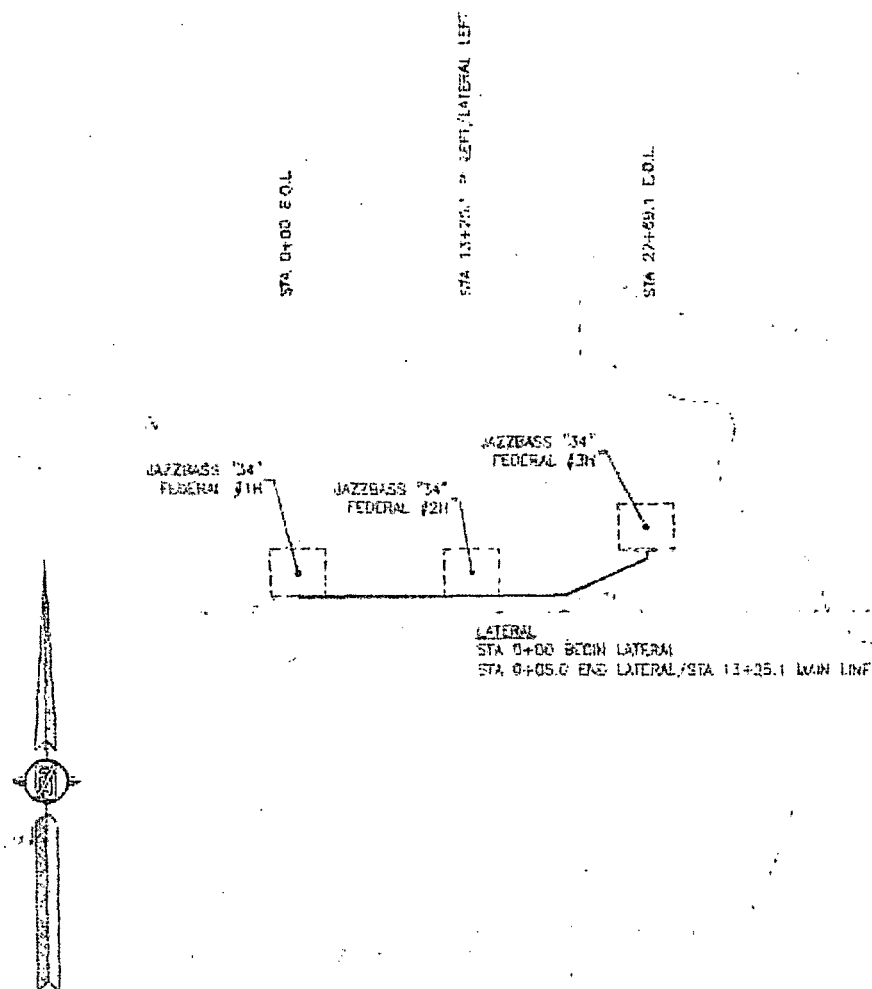
SHORT: 1-3

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 1556

4" POLY FLOW LINES TO CONNECT THE JAZZBASS "34" FEDERAL #1H & #2H
TO THE JAZZBASS "34" FEDERAL #3H TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
JANUARY 2, 2014



SHEET: 2-3

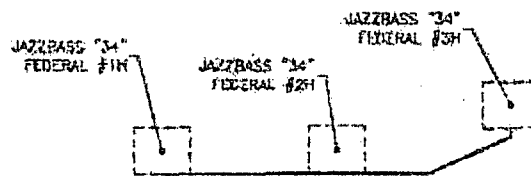
MADRON SURVEYING, INC. 3755 E. CARLSBAD, NEW MEXICO

SURVEY NO. 2556

1" POLY FLOW LINES TO CONNECT THE JAZZBASS "34" FEDERAL #1H & #2H
TO THE JAZZBASS "34" FEDERAL #3H TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 94, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
JANUARY 2, 2014

STA 0+00 B.O.L.
STA 13+25.1 PI LEFT/LATERAL LEFT
STA 27+69.1 E.O.L.



LATERAL
STA 0+00 BEGN LATERAL
STA 0+08.0 END LATERAL/STA 13+25.1 MAIN LINE

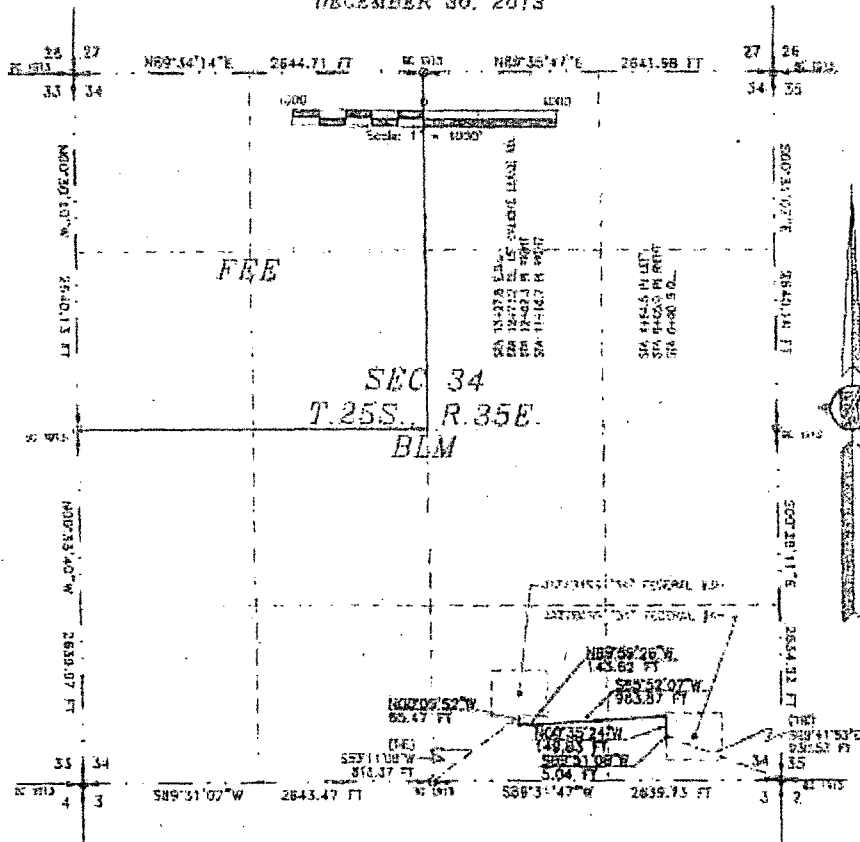
SHEET. 3-9

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 2556

4" POLY FLOW LINE FROM THE JAZZBASS "34" FEDERAL #4H TO THE
JAZZBASS "34" FEDERAL #3H TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
DECEMBER 30, 2013



DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE 1/4 SE 1/4 OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S89°41'33"E, A DISTANCE OF 831.53 FEET;
THENCE S89°51'00"W A DISTANCE OF 5.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N00°35'24"W A DISTANCE OF 116.83 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°52'07"W A DISTANCE OF 943.67 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S89°29'28"W A DISTANCE OF 143.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N00°09'32"W A DISTANCE OF 85.47 FEET TO THE CORNER OF THIS CENTERLINE SURVEY, WHENCE THE SOUTH QUARTER CORNER OF SAID SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S53°11'09"W, A DISTANCE OF 815.17 FEET;

SAID STRIP OF LAND BEING 1327.83 FEET OF 85.47 FEET IN LENGTH, CONTAINING 0.915 ACRES MORE OR LESS AND BEING ALLOCATED BY PORTIES AS FOLLOWS:

SE 1/4 SE 1/4 600.14 L.F. 35.39 ACRES 0.414 ACRES
SW 1/4 SE 1/4 727.29 L.F. 44.88 ACRES 0.501 ACRES

SURVEYOR CERTIFICATE

I, FLEISH P. BRANIFF, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12737, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, MY CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO THIS 27 DAY OF JANUARY 2014

MADRON SURVEYING, INC.
201 SOUTH MAIN
CARLSBAD, NEW MEXICO 88502
PHONE (505) 254-1344

GENERAL NOTES

1.) THE OBJECT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT

2.) BASIS OF BEARING IS NAD83 EAST MODIFIED TO SURFACE COORDINATES.

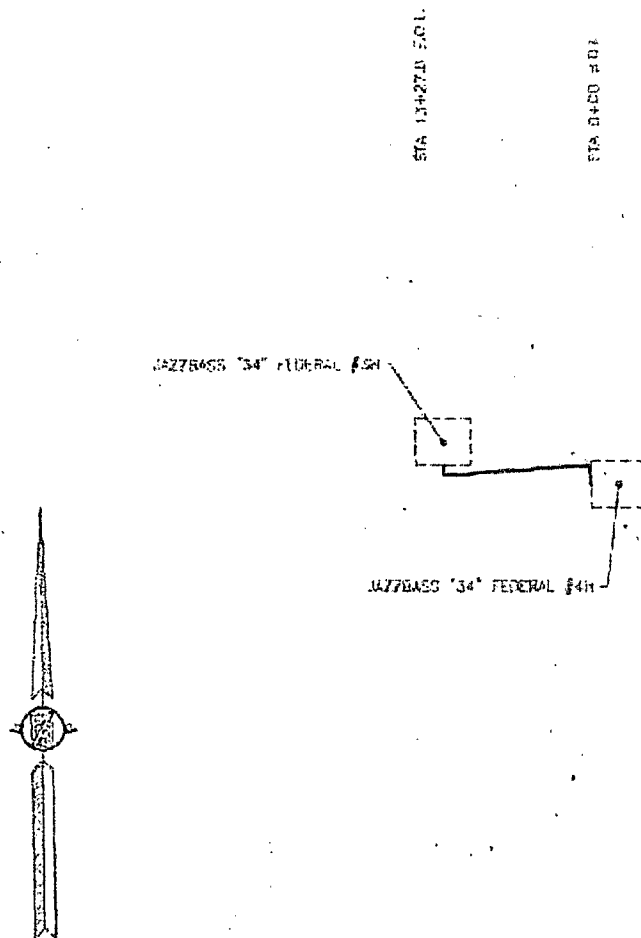
SHEET 1-1

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 0555

4" POLY FLOW LINE FROM THE JAZZBASS "34" FEDERAL #4H TO THE
JAZZBASS "34" FEDERAL #3H TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 34, TOWNSHIP 28 SOUTH, RANGE 36 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
DECEMBER 30, 2013



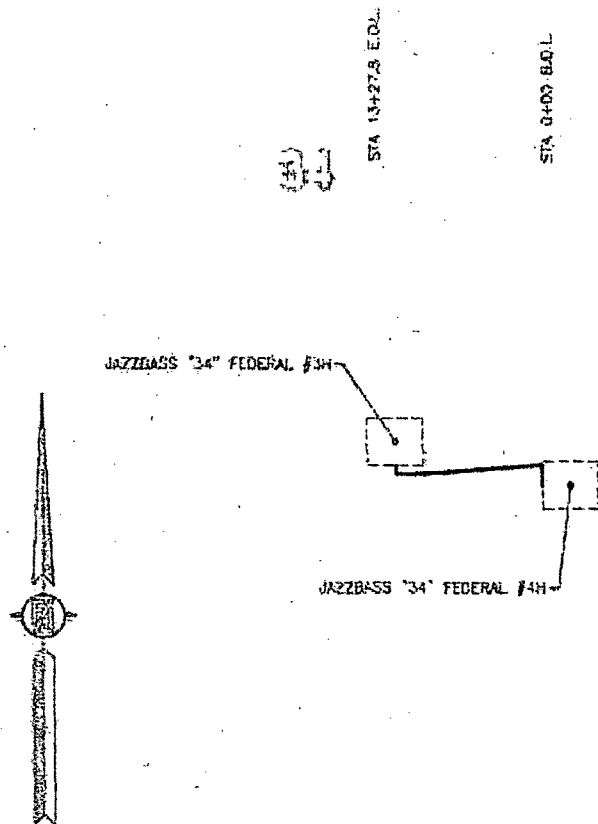
SHEET 2-3

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 2555

4" POLY FLOW LINE FROM THE JAZZBASS "34" FEDERAL #4H TO THE
JAZZBASS "34" FEDERAL #3H TANK BATTERY

ENDURANCE RESOURCES, LLC
CENTERLINE SURVEY OF A PIPELINE CROSSING
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
DECEMBER 30, 2013



SHEET: 3-3

MADRON SURVEYING, INC. CARLSHAD, NEW MEXICO

SURVEY NO 2555