

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD

MAR 21 2012

RECEIVED

State of New Mexico  
Energy Minerals and Natural Resources  
Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144 CLEZ  
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOC District Office.

### Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: <u>APACHE CORPORATION</u>		OGRID #: <u>873</u>
Address: <u>303 VETERANS AIRPARK LN., STE. 3000</u> <u>MIDLAND</u> <u>TEXAS</u> <u>79705</u>		
Facility or well name: <u>NEDU #160</u>		
API Number: <u>30-025-40498</u>		OCD Permit Number: <u>91-04340</u>
U/L or Qtr/Qtr <u>D</u> Section <u>3</u> Township <u>21 S</u> Range <u>37 E</u> County: <u>LEA, NM</u>		
Center of Proposed Design: Latitude <u>32.514928 N</u> Longitude <u>103.156875 W</u> NAD: <input checked="" type="checkbox"/> 1927 <input type="checkbox"/> 1983		
Surface Owner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment		

2. <input checked="" type="checkbox"/> <b>Closed-loop System:</b> Subsection H of 19.15.17.11 NMAC	
Operation: <input checked="" type="checkbox"/> Drilling a new well <input type="checkbox"/> Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) <input type="checkbox"/> P&A	
<input type="checkbox"/> Above Ground Steel Tanks or <input checked="" type="checkbox"/> Haul-off Bins	

3. <b>Signs:</b> Subsection C of 19.15.17.11 NMAC	
<input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
<input checked="" type="checkbox"/> Signed in compliance with 19.15.3.103 NMAC	

4. <b>Closed-loop Systems Permit Application Attachment Checklist:</b> Subsection B of 19.15.17.9 NMAC	
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.	
<input checked="" type="checkbox"/> Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC	
<input checked="" type="checkbox"/> Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
<input checked="" type="checkbox"/> Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
<input type="checkbox"/> Previously Approved Design (attach copy of design)	API Number: _____
<input type="checkbox"/> Previously Approved Operating and Maintenance Plan	API Number: _____

5. <b>Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:</b> (19.15.17.13.D NMAC)	
Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.	
Disposal Facility Name: <u>SUNDANCE INCORPORATED</u>	Disposal Facility Permit Number: <u>NM-01-0003</u>
Disposal Facility Name: <u>CRI</u>	Disposal Facility Permit Number: <u>NM-01-0006</u>
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?	
<input type="checkbox"/> Yes (If yes, please provide the information below) <input checked="" type="checkbox"/> No	
Required for impacted areas which will not be used for future service and operations:	
<input type="checkbox"/> Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
<input type="checkbox"/> Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
<input type="checkbox"/> Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

6.

**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): SUSAN BLAKEMORETitle: DRLG TECHSignature: *Susan Blakemore*Date: MARCH 20, 2012e-mail address: susan.blakemore@apachecorp.comTelephone: 432-818-1966

7.

**OCD Approval:** ☐ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: *[Signature]*Approval Date: 03/21/12Title: PETROLEUM ENGINEEROCD Permit Number: PI-04340

8.

**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

☐ Closure Completion Date: \_\_\_\_\_

9.

**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

*Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

*Required for impacted areas which will not be used for future service and operations:*

☐ Site Reclamation (Photo Documentation)

☐ Soil Backfilling and Cover Installation

☐ Re-vegetation Application Rates and Seeding Technique

10.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

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

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_



**DESIGN PLAN, OPERATING & MAINTENANCE PLAN, & CLOSURE PLAN  
FOR OCD FOR C-144**

**NEDU #160**

**DESIGN PLAN**

Fluid & cuttings coming from drilling operations will pass over the Shale Shaker with the cuttings going to the Sundance Inc / CRI haul off bin and the cleaned fluid returning to the working steel pits.

Equipment includes:

- 2 – 500 bbl steel frac tanks (fresh water for drilling)
- 2 – 180 bbl steel working pits
- 3 – 75 bbl steel haul off bins
- 2 – Pumps (6-1/2" x 10" PZ 10 or equivalent)
- 1 – Shale shaker
- 1 – Mud cleaner – QMAX MudStripper

**OPERATING AND MAINTENANCE PLAN**

Inspection to occur every tour for proper operation of system and individual components. If any problems are found they will be repaired and/or corrected immediately.

**CLOSURE PLAN**

All haul bins containing cuttings will be removed from location and hauled to Sundance Incorporated (NM-01-0003) disposal site located 3 miles East of Eunice, NM on the Texas border / Controlled Recovery, Inc's (NM-01-0006) disposal site located near mile marker 66 on Highway 62/180.

Sorina L. Flores  
Supv of Drilling Services

SECTION 3, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

APACHE CORPORATION  
NEDU #160  
ELEV. - 3468'

Lat - N 32°30'54.17"  
Long - W 103°09'26.45"  
NMSPCE- N 553104.931  
E 903837.758  
(NAD-83)

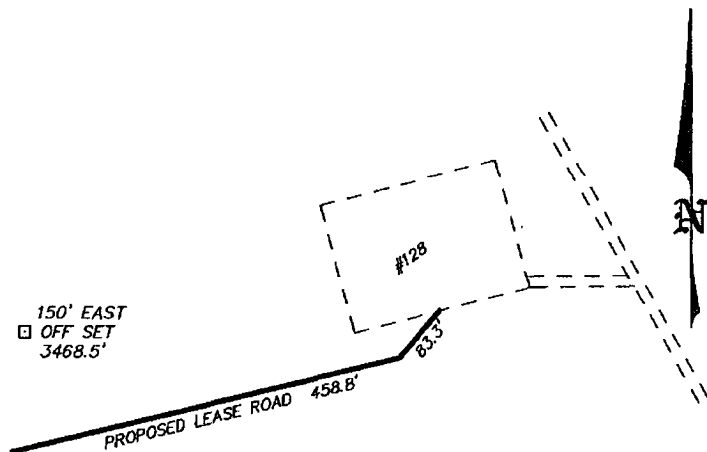
Lat - N 32°30'53.74"  
Long - W 103°09'24.75"  
NMSPCE- N 553044.890  
E 862654.046  
(NAD-27)

150' WEST  
OFF SET □  
3466.9'

150' EAST  
□ OFF SET  
3468.5'

150' NORTH  
OFF SET  
3467.3' □

150' SOUTH  
OFF SET  
3466.3' □



200 0 200 400 FEET  
SCALE: 1" = 200'

Directions to Location:

FROM MILE MARKER 5 OF STATE HWY 207, GO WEST  
0.6 MILES TO LEASE ROAD, ON LEASE ROAD GO  
NORTH 0.2 MILES TO A "Y", TAKE RIGHT FORK AND  
CONTINUE NORTH 0.7 MILES TO LEASE ROAD, ON  
LEASE ROAD GO WEST 0.1 MILES TO PROPOSED  
LEASE ROAD.

**APACHE CORPORATION**

REF: NEDU #160 / WELL PAD TOPO

THE NEDU #160 LOCATED 2630'

FROM THE NORTH LINE AND 660' FROM THE WEST LINE OF

SECTION 3, TOWNSHIP 21 SOUTH, RANGE 37 EAST,

N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786-HOBBS, NEW MEXICO

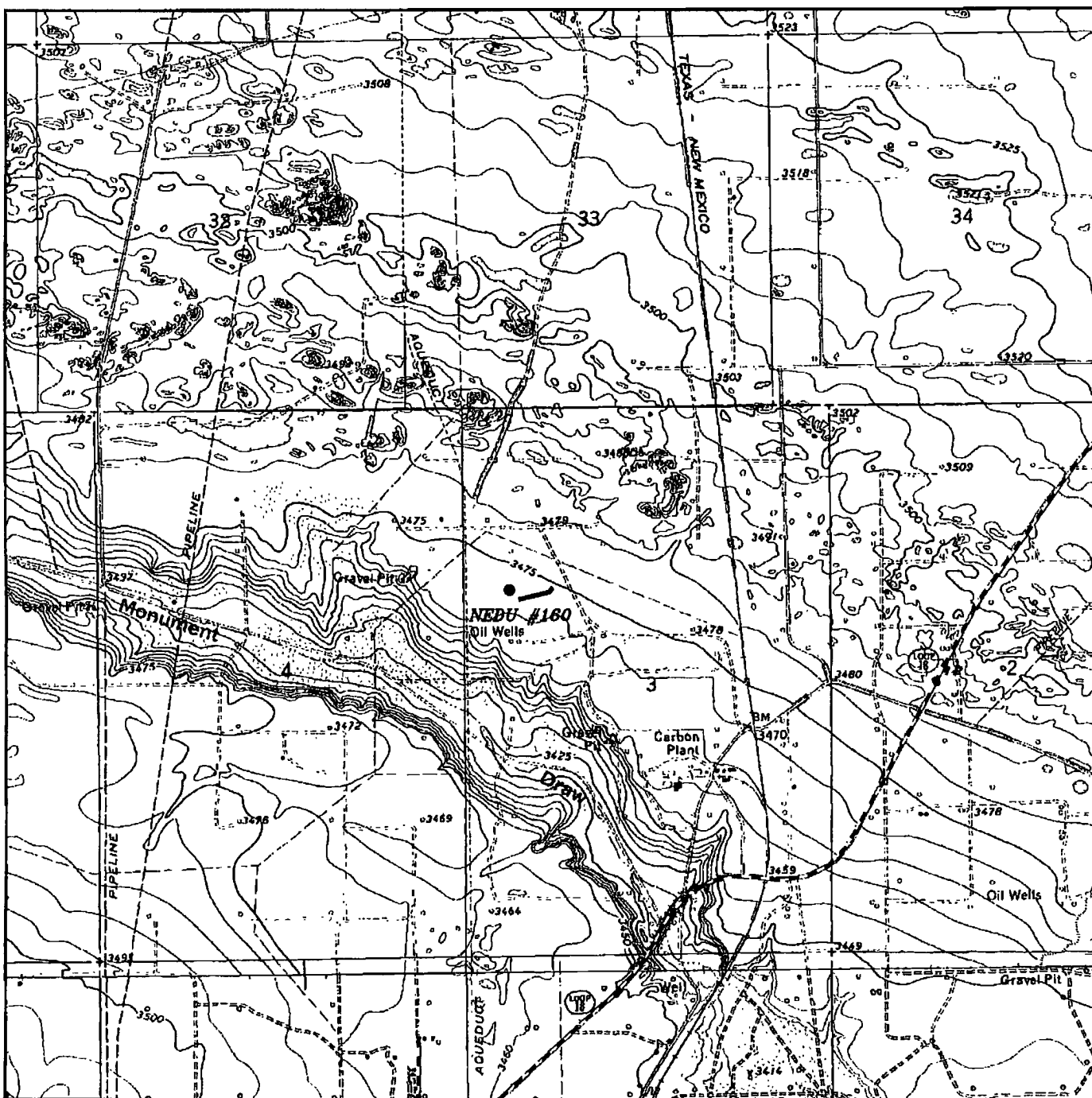
W.O. Number: 26294

Drawn By: J. SMALL

Date: 03-15-2012 Disk: JMS 26294

Survey Date: 02-29-2012

Sheet 1 of 1 Sheets



# NEDU #160

Located 2630' FNL and 660' FWL  
 Section 3, Township 21 South, Range 37 East,  
 N.M.P.M., Lea County, New Mexico.

**basin**  
**surveys**

focused on excellence  
 in the oilfield

P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basin-surveys.com

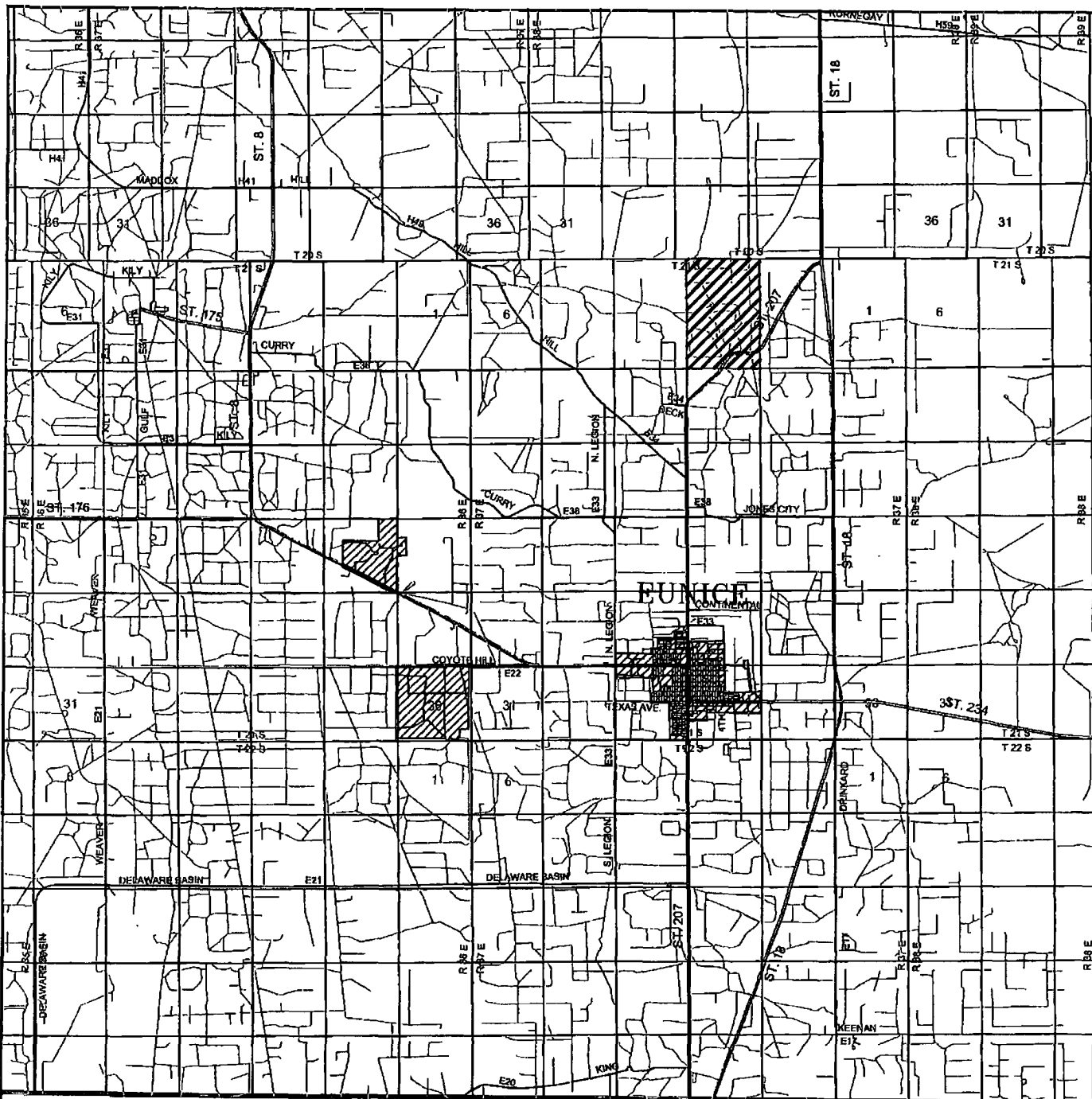
W.O. Number: JMS 26294

Survey Date: 02-29-2012

Scale: 1" = 2000'

Date: 03-15-2012

APACHE  
 CORPORATION



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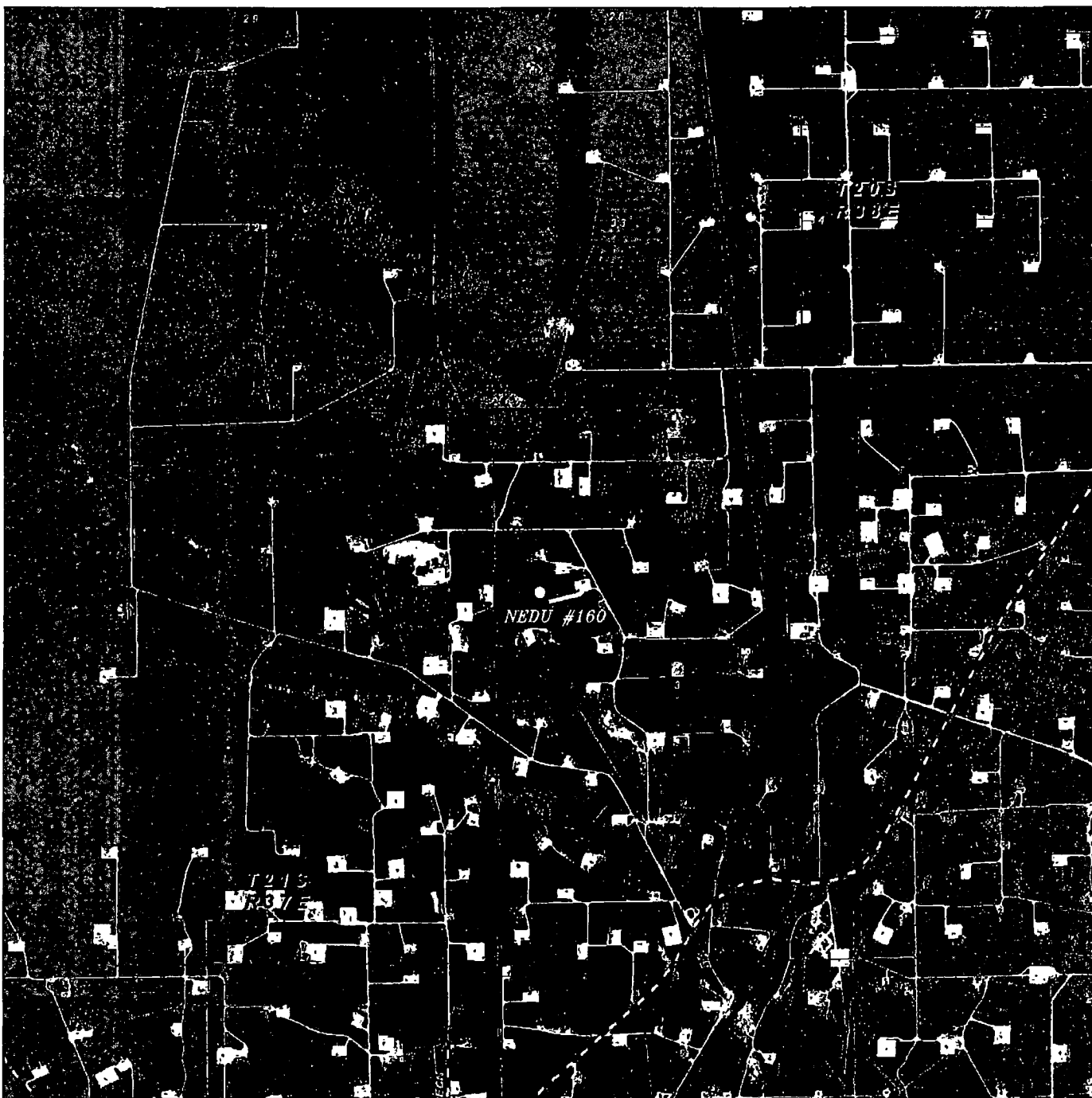
W.O. Number: JMS 26294

Survey Date: 02-29-2012

Scale: 1" = 2 Miles

Date: 03-15-2012

APACHE  
CORPORATION



**NEDU #160**

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W.O. Number: JMS 26294

Scale: 1" = 2000'

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**APACHE**  
**CORPORATION**