

1/21/15
JAD

Form 3160-3
(March 2012)

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		8. Lease Name and Well No. NFE: FEDERAL #43H <308724>	
2. Name of Operator APACHE CORPORATION		9. API Well No. 42903 30-015-	
3a. Address 303 VETERANS AIRPARK LN #1000 MIDLAND, TX. 79705	3b. Phone No. (include area code) 432-818-1167	10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO <96831>	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface: 2090 FSL & 200' FEL SEC: 6 At proposed prod. zone 2090' FSL & 330' FEL SEC: 5		11. Sec., T. R. M. or Bk. and Survey or Area SHL: SEC: 6 T17S R31E BHL: SEC 5. T17S R31E	
14. Distance in miles and direction from nearest town or post office* APPROX 7.5 MILES EAST NORTHEAST OF LOCO HILLS, NM		12. County or Parish EDDY	13. State NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 200'	16. No. of acres in lease 1885 ACRES	17. Spacing Unit dedicated to this well 160 ACRES	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth TVD: 5480' MD: 10297'	20. BLM/BIA Bond No. on file BLM-CO-1463 NATIONWIDE / NMB000736	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GL: 3756'	22. Approximate date work will start* AS SOON AS APPROVED	23. Estimated duration ~ 18 DAYS	

UNORTHODOX
LOCATION

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20: above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Sorina L. Flores</i>	Name (Printed/Typed) SORINA L. FLORES	Date 6/18/14
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Title
SUPV OF DRILLING SERVICES

Approved by (Signature) <i>Stephen J. Coffey</i>	Name (Printed/Typed)	Date 1/13/15
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Title
FOR FIELD MANAGER
Office
CARLSBAD FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Roswell Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brujos 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, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42903	Pool Code 96831	Pool Name Cedar Lake; Glorieta - Yeso
Property Code 308924	Property Name NFE FEDERAL	Well Number 43H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3756'

Surface Location

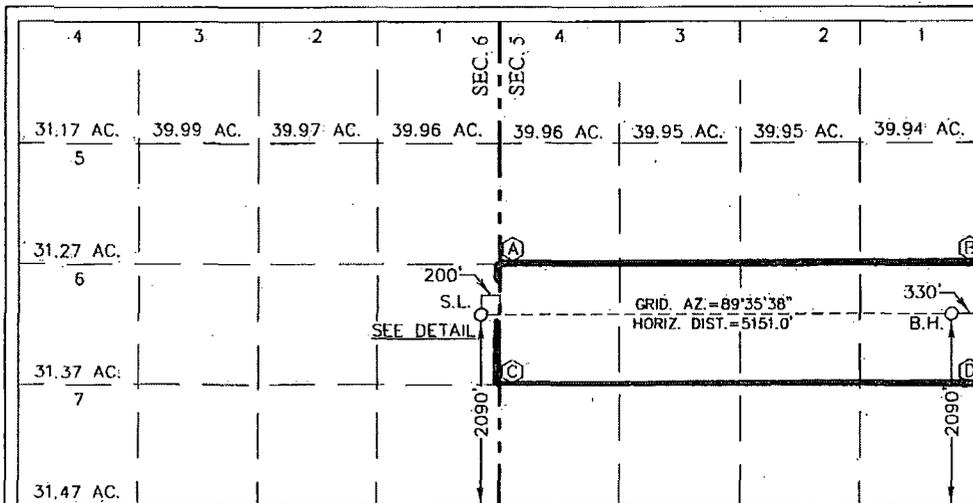
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	6	17-S	31-E		2090	SOUTH	200	EAST	EDDY

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
I	5	17-S	31-E		2090	SOUTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION
I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sorina Flores 5/1/14
Signature Date
Sorina L. Flores
Printed Name
sorina.flores@apachecorp.com
E-mail Address

DETAIL

3756.7' 3768.4'
600'
600'
3744.5' 3759.4'

CORNER COORDINATES TABLE

Ⓐ - Y=678094.7 N, X=633056.1 E
Ⓑ - Y=678131.4 N, X=638335.7 E
Ⓒ - Y=676775.0 N, X=633063.5 E
Ⓓ - Y=676812.0 N, X=638343.2 E

GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=677543.3 N
X=632859.2 E
LAT.=32.861902° N
LONG.=103.900653° W
LAT.=32° 51' 43" N
LONG.=103° 54' 02" W

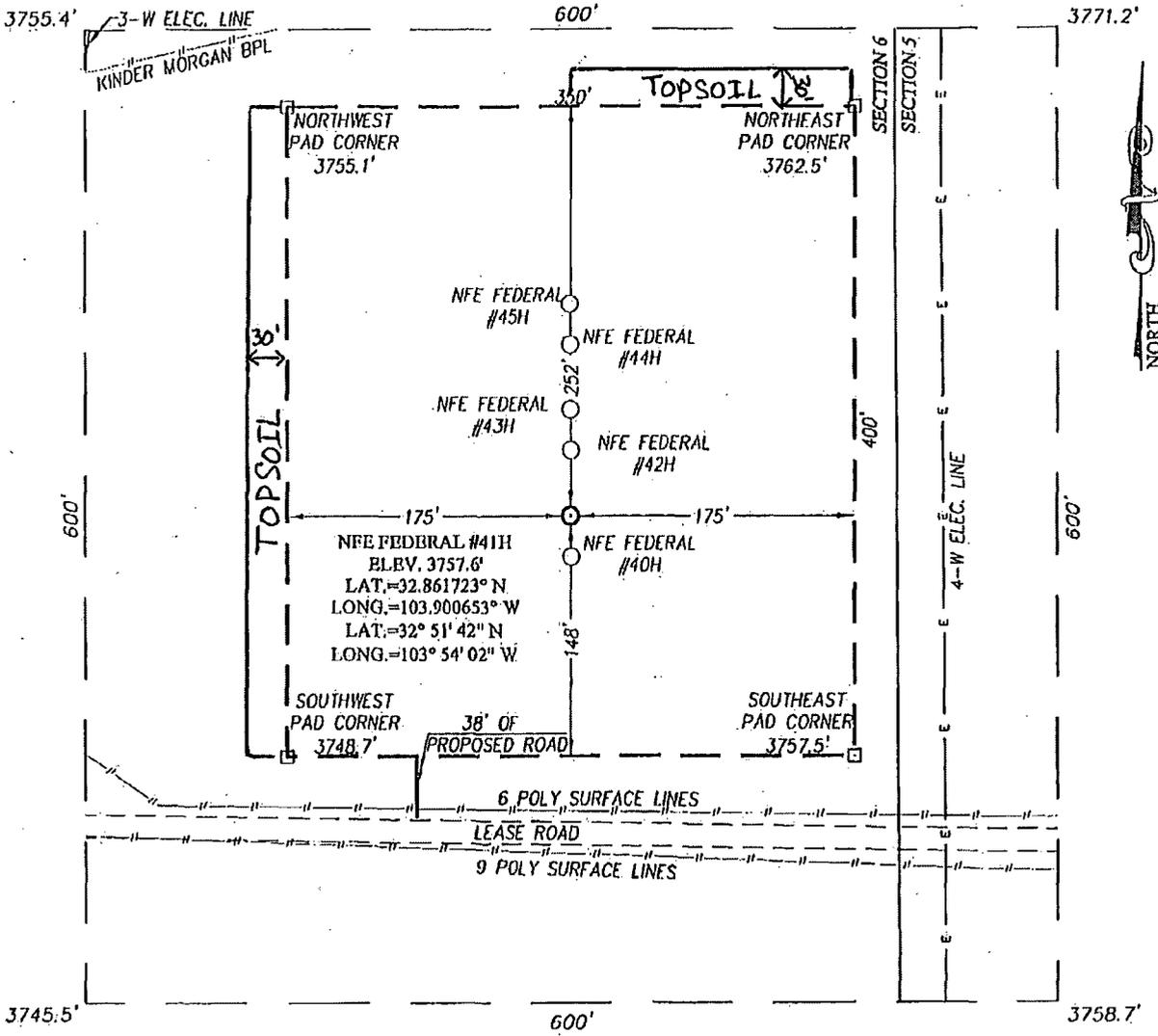
BOTTOM HOLE LOCATION
Y=677579.7 N
X=638008.9 E

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.

APRIL 13, 2012

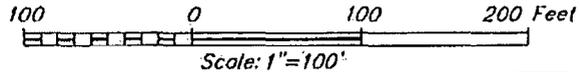
Date of Survey
Signature & Seal of Professional Surveyor:
Ronald J. Eidson
3239
Professional Surveyor
Certificate Number 3239
Ronald J. Eidson 12641
AF JWSC W.O.: 12.11.0716

SECTION 6, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 BDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #221 (SKELLY RD.) GO NORTH APPROX. 1.3 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.6 MILES. TURN RIGHT AND GO EAST APPROX. 0.6 MILES. TURN LEFT AND GO NORTH APPROX. 1.0 MILES. TURN LEFT AND GO WEST APPROX. 0.1 MILES TO ROAD SURVEY. FOLLOW ROAD SURVEY NORTH 38 FEET TO THIS LOCATION.



APACHE CORPORATION

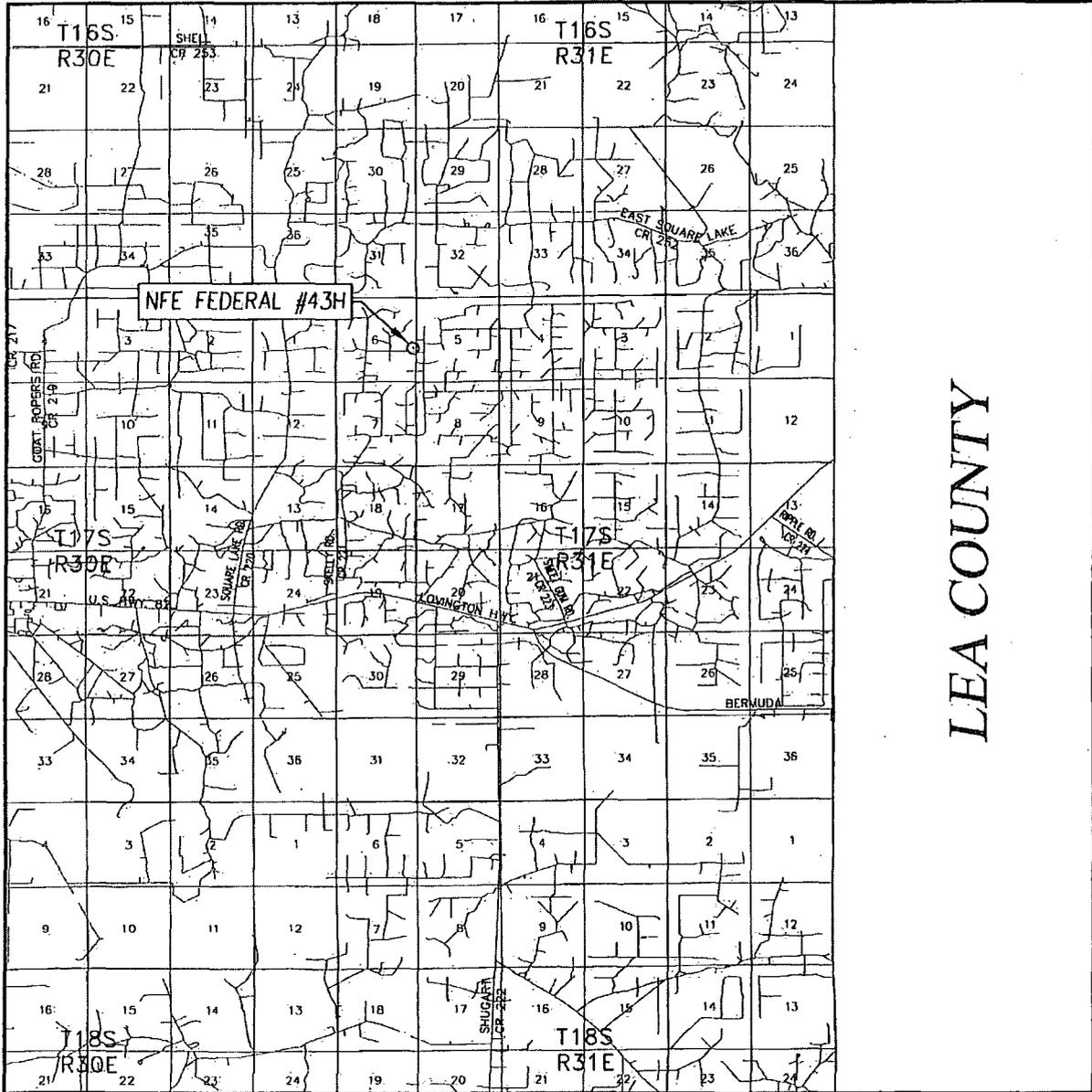
NFE FEDERAL
 #40H #41H #42H #43H #44H #45H
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

PROVIDING SURVEYING SERVICES
 SINCE 1946

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

Survey Date: 4/13/12	CAD Date: 5/2/12	Drawn By: AF
W.O. No.: 12110714	Rev.:	Rel. W.O.:
		Sheet 1 of 1

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 6 TWP. 17-S RGE. 31-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 2090' FSL & 200' FEL
 ELEVATION 3756'
 OPERATOR APACHE CORPORATION
 LEASE NFE FEDERAL

PROVIDING SURVEYING SERVICES
 SINCE 1946
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOCO HILLS, N.M. - 10'

SEC. 6 TWP. 17-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 2090' FSL & 200' FEL

ELEVATION 3756'

OPERATOR APACHE CORPORATION

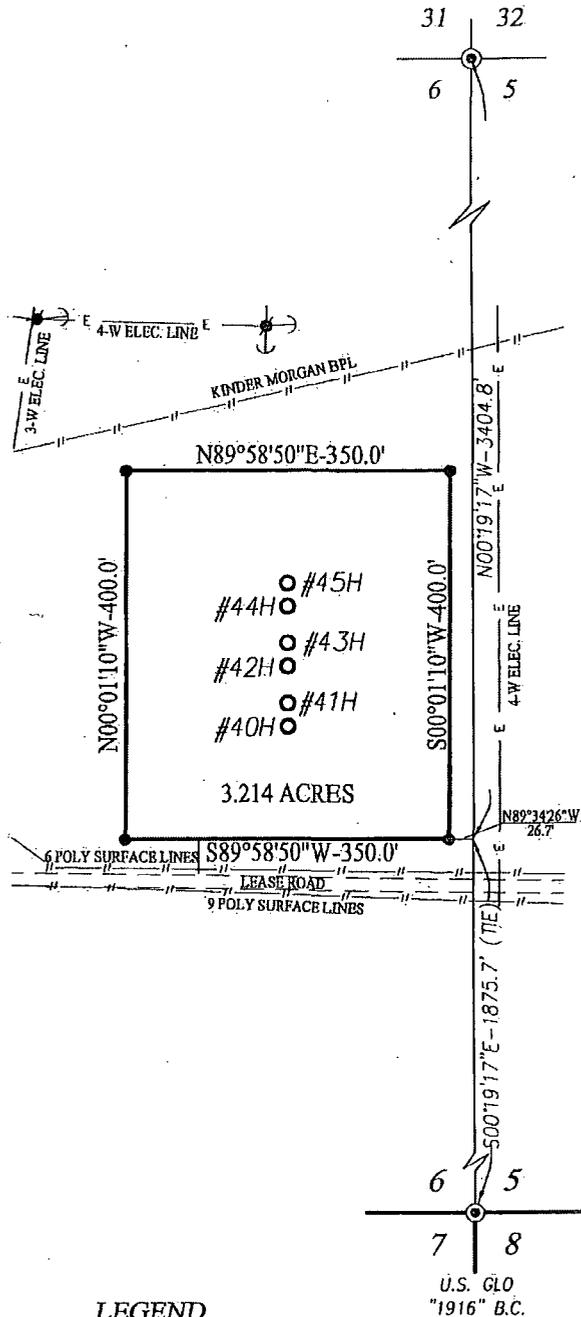
LEASE NFE FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
LOCO HILLS, N.M.



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SECTION 6, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DESCRIPTION

A PROPOSED WELL PAD SITUATED IN THE SOUTHEAST QUARTER OF SECTION 6, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF THIS TRACT, WHICH LIES N00°19'17\"/>

NOTE

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

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

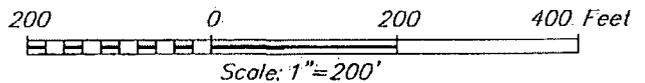
RONALD J. EIDSON

DATE: 05/03/2012

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

LEGEND

- ⊙ DENOTES FOUND CORNER AS NOTED
- DENOTES SET SPIKE NAIL



APACHE CORPORATION

SURVEY FOR NFE #12 WELL PAD
 SITUATED IN THE SE/4 OF SECTION 6,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, NEW MEXICO

Survey Date: 4/13/12	CAD Date: 5/2/12	Drawn By: AF
W.O. No.: 12110691	Rev:	Rel. W.O.:
		Sheet 1 of 1