

OCD-ARTESIA

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires, July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS **Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
NMLC-029435B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
NFE FEDERAL #002<37890>

2. Name of Operator
APACHE CORPORATION

9. API Well No.
30-015-37354

3a. Address
303 VETERANS AIRPARK LN, MIDLAND, TX 79705

3b. Phone No. (include area code)
432.818.1072

10. Field and Pool or Exploratory Area
CEDAR LAKE; GLORIETA YESO <96831>

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330' FSL & 1650' FWL UL-N SEC8, T17S, R31E

11. Country or Parish, State
EDDY CT, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

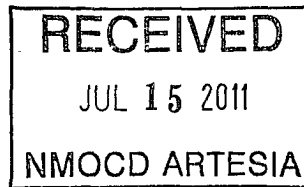
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Apache has recompleated NFE Federal #2 per the following procedure:

4/20/2011: SET CBP @ 5500'. PERF UPPER BLINEBRY @ 5098, 5110, 19, 37, 46, 63, 71, 86, 96, 5208, 19, 29, 37, 55, 65, 76, 85, 98, 5305, 19, 27, 38, 43, 54, 60 W/1 JSPF (25 HOLES).
4/21/2011: SET PKR @ 5039'. ACIDIZE UPPER BLINEBRY W/2800 GALS 15% HCL NEFE & DROP 50 7/8" 1.3 RCN BALL SEALERS. RELEASE PKR.
4/22/2011: FRAC UPPER BLINEBRY W/105,662 GALS 20# & 176,200# 16/30 BRN, PUMP 3822 GALS 20# LINEAR GEL FLUSH. SET CBP @ 5060'.
PERF PADDOCK @ 4695, 4707, 17, 30, 47, 63, 74, 84, 98, 4805, 12, 20, 35, 47, 65, 75, 82, 94, 4905, 15, 28, 38, 46 W/1 JSPF (23 HOLES)
4/25/2011: SET PKR @ 4661', ACIDIZE PADDOCK W/3000 GALS 15% HCL NEFE & DROP 46 7/8" 1.3 RCN BALL SEALERS. RELEASE PKR.
5/12/2011: FRAC PADDOCK W/109,268 GALS VIKING 20# & 183,000# 16/30 WHT, PUMP 4830 GALS 10# LINEAR GEL FLUSH.
5/17/2011: DO CBP'S @ 5060' & 5500'. PBTD @ 6207'.
5/19/2011: RIH W/199 JTS 2 7/8" TBG, TAC @ 4632', SN @ 6051'

Accepted for record - NMOCD
JUL 21 2011



14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

MITCH MASON

Title ENG. TECH

Signature

Date 05/24/2011

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

JUN 24 2011

Conditions of approval, if any, are attached Approval of this notice 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.

Office

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

Apache Corporation –NFE Federal #2

Wellbore Diagram - Present Status

Date: 6/8/2011

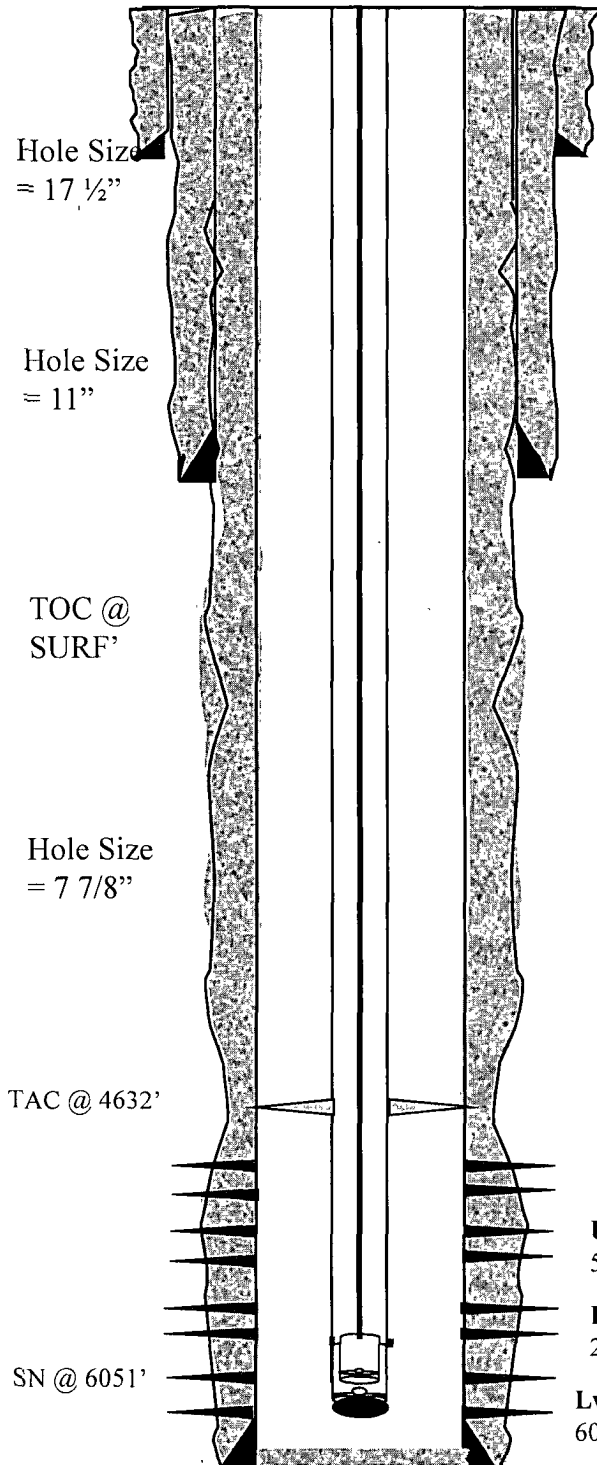
Ground Elevation = 3710'

RKB = 3723'

KB = 13'

Surface Location

330' FSL & 1650' FWL,
Section 8, T-17-S, R-31-E
Eddy County, NM
API #: 30-015-37354



13-3/8" 48# H-40 Csg @ 464' cmt w/470 sx, TOC @ Surf

TUBING DETAIL

Qty	Description	Length	Depth
199	2 7/8" J-55 Jts.		6,140.00

8-5/8" 24# J-55 Csg @ 1548' cmt w/650 sx, TOC @ Surf

Paddock Perfs: 4695, 4707, 17, 30, 47, 63, 74, 84, 98, 4805, 12, 20, 35, 47, 65, 75, 82, 94, 4905, 15, 28, 38, 46 W/I SPF (23 Holes, 4/22/2011)

Upper Bline Perfs: 5098, 5110, 19, 37, 46, 63, 71, 86, 96, 5208, 19, 29, 37, 55, 65, 76, 85, 98, 5305, 19, 27, 38, 43, 54, 60 W/I SPF (25 Holes, 4/20/2011)

Bline Perfs: 5589-97, 5607-16, 23, 31, 38, 48, 54, 58, 64, 75, 80, 85, 5704, 14, 23, 28, 37, 45, 50, 56, 67, 81 W/I SPF (22 Holes, 2/14/2011)

Lwr Bline Perfs: 5878, 84, 91, 96, 5904, 13, 29, 42, 53, 60, 70, 78, 89, 96, 6008, 14, 19, 37, 46, 58 W/I SPF (20 Holes, 2/9/2011)

5 1/2" 17# J-55 Csg @ 6251' cmt'd W/970 sx, TOC @ SURF'