

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brizos Rd, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30 015 22632
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name EMPIRE ABO UNIT H
8. Well Number 294
9. OGRID Number 873
10. Pool name or Wildcat EMPIRE ABO

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: <input checked="" type="checkbox"/> Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator APACHE CORPORATION	
3. Address of Operator 303 VETERANS AIRPARK LN, STE 3000; MIDLAND, TX 79705	
4. Well Location Unit Letter M : 1200 feet from the S line and 700 feet from the W line Section 33 Township 17S Range 28E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3666.2' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: RWTP ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9-10-2011: PBTD @ 6255'. ACIDIZE LOWER ABO (6216-6238') W/ 1500 GALS 15% ANTI SLUDGE, DROPPED 1200# ROCK SALT. START ON 1% KCL FW, PUMP 51 BBLS @ 6.0 BPM, 1324#. PUMP 750 GALS OF 15% ANTI SLUDGE @ 6.0 BPM, 1906#, DROP 1200# OF ROCK SALT W/ 25 BBLS OF BRINE WATER. PUMP 750 GALS 15% ANTI SLUDGE.
9-21-2011: RIH W/ 3 1/8" PERF GUNS & PERFORATE UPPER ABO F/ 6024-34', 6052-56', 6086-90', 6110-14', 6128-32' W/ 2 JSPF 120 DEG PHASING 52 HOLES.
9-22-2011: ACIDIZE UPPER ABO (6024-6132') W/ 1500 GALS 15% ANTI SLUDGE W/ 100 1.3" RCN BALL SEALERS. START ON WATER. PUMPED 36 BBLS OF 1% KCL PUMP 1500 GALS OF ANTI- SLUDGE @ 3.8 BPM, 906#. DROPPED 100 1.3" RCN BALL SEALERS. HAD GOOD BALL ACTION BALLOUT W/ 100 BALLS ON FORM. FLUSH W/ 45 BBLS OF 1% KCL FW
9-26-2011: RIH W/ 3 1/8" GUNS & PERF UPR ABO F/ 5714-22', 5758-68', 5782-84', 5792-96', 5808-11', 5820-24', 5866-72', 5903-10', 5938-44' W/ 2 JSPF 100 HOLES. AT/ UPPER ABO W/ 2500 GALS 15% ANTI SLUDGE W/ 125 BALLSEALERS
9-28-2011: RIH W/ 2 3/8" SN, 2 7/8" TK-99, 17 JTS OF 2 7/8" J-55 TBG, 5 1/2" X 2 7/8" TAC, & 172 JTS OF 2 7/8" J-55 TBG.
ETD/SN @ 6239.13'. SET TAC @ 5652.83'.
10-13-2011: START PRODUCING.

Spud Date:

Rig Release Date:

RECEIVED

FEB 15 2012

NMOCD ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Sr. Staff Engineering Tech

DATE 10/25/2011

Type or print name Bev Hatfield

E-mail address: beverly.hatfield@apachecorp.com

PHONE: 432-818-1906

For State Use Only

APPROVED BY:

TITLE

Dist II Supervisor

DATE 02/02/12

Conditions of Approval (if any):

GL=3666'
KB=3677'
Spud: 10/30/78

Apache Corporation – Empire Abo Unit #H-294

Wellbore Diagram – Current Status

Date : 10/25/2011
S. Hardin

API: 30-015-22632

Surface Location



1200' FSL & 700' FWL, Unit M
Sec 33, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 600' w/ 430 sx to surface

DV @ 3005'

TUBING DETAIL

Qty	Description	Length	Depth
190	2-7/8" J-55 8rd EUE 6/5#	6177'	6239'

TAC @ 5653'
SN @ 6239'

9/11: Perf Upper Abo @ 5714'-22', 5758'-68', 5782'-84', 5792'-96', 5808'-11', 5820'-24', 5866'-72', 5903'-10', 5938'-44' w/ 2 JSPF, 100 holes

Acidize w/ 2500 gals 15% anti-sludge

9/11: Perf Upper Abo @ 6024'-34', 6052'-56', 6086'-90', 6110'-14', 6128'-32' w/ 2 JSPF, 52 holes

Acidized w/ 1500 gals 15% anti-sludge

11/78: Perf Abo @ 6216'-6238' w/ 2 JSPF

150 gal acid, 1000 gal CaCl, 1000 gal gelled LC, 1500 gal 15% NE-LST acid, 3000 gal 15% NELST acid, 1000 gal gelled LC, 8000 gal 75/25 15% LST-HCL acid/xylene

9/11: Acidized w/ 1500 gals 15% anti-sludge

Production Casing

5-1/2" 15.5# K-55 @ 6300' w/600 sxs

DV @ 3005' w/ 765 sxs to surface

PBTD = 6255'
TD = 6300'

