

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 Brazos 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 22597 |
| 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 281 |
| 9. OGRID Number 873 |
| 10. Pool name or Wildcat EMPIRE ABO |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3674' GR |

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: ☒ Well ☐ Gas Well ☐ 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 P : 200 feet from the S line and 600 feet from the E line
Section 32 Township 17S Range 28E NMPM County EDDY

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:

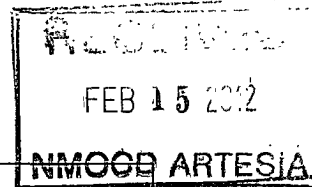
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

9-28-2011: RIH AND SET CIBP @ 6105'. SPOT 3 SXS OF CMT ON TOP OF CIBP. LOAD & TEST CSG TO 1000#. RIH W/ PERF GUNS PERF UPPER ABO FROM 5954'-64', 5974'-84', 5988'-6006', 6016'-22', 6044'-50', 6074'-86', w/ 2 JSPF 124 HOLES.
9-29-2011: ACIDIZE UPPER ABO FROM 5954'-6086' W/ 3070 GALS 15% HCL NEFE ACID, 248 BALL SEALERS
9-30-2011: RIH AND SET CIBP @ 5940'. LOAD & TEST CSG TO 1000#. RIH W/ PERF GUNS AND PERFORATE UPPER ABO FROM 5776'-88', 5800'-14', 5828'-34', 5838'-48', 5863'-69', 5876'-96', 5902'-06', 5914'-20' W/ 2 JSPF 160 HOLES.
10-3-2011: ACIDIZE UPPER ABO 5776'-5920' W/ 4000 GALS 15% HCL NEFE ACID, DROP 240 7/8" 1.3 RCN BALL SEALERS.
10-4-2011: TIH W/ 2-3/8" SN, 2-7/8" TK-99 BLAST JT, 4 JTS 2-7/8" J-55 TBG, 5-1/2" X 2-7/8" TAC, & 179 JTS 2-7/8" J55 TBG.
LAND SN/ESTD @ 5917' RKB. SET TAC @ 5756.80' RKB W/ 12 PTS.
10-17-2011: START PROD TO EAU H-27.



Spud Date: 08/24/1978

Rig Release Date: 09/20/1978

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

SIGNATURE Beverly Hatfield 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: APDade TITLE DIST R. Supervisor DATE 02/22/12

Conditions of Approval (if any):

GL=3663'
KB=3674'
Spud: 8/24/78

Apache Corporation – Empire Abo Unit #H-281

Wellbore Diagram – Current Status

Date: 10/25/2011
S. Hardin

API: 30-015-22597

Surface Location



200' FSL & 660' FWL, Unit P
Sec 32, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 600' w/ 330 sx to surface

9/78: Perf & Sqz cement to surface @ 2800'

TAC @ 5757'
SN @ 5917'

TUBING DETAIL

| Qty | Description | Length | Depth |
|-----|--------------------------|--------|-------|
| 180 | 2-7/8" J-55 8rd EUE 6 5# | 5871' | 5917' |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

9/11: Perf Upper Abo @ 5776'-88', 5800'-14', 5828'-34', 5838'-48', 5863'-69', 5876'-96', 5902'-06', 5914'-20' w/ 2 JSPF, 160 holes
Acidized w/ 4000 gals 15% HCL NEFE

9/11: CIBP @ 5940'

9/11: Perf Upper Abo @ 5954'-64', 5974'-84', 5988'-6006', 6016'-22', 6044'-50', 6074'-86' w/ 2 JSPF, 124 holes
Acidized w/ 3070 gals 15% HCL NEFE

9/11: CIBP @ 6105' w/ 3 sx cmt on top

5/97: Perf Abo @ 6119'-6156' w/ 2 JSPF
2000 gals 15% NEFE

9/78: Perf Abo @ 6169'-6189' w/ 2 JSPF
150 gals 15% NCL-NE-FE, 1000 gal gelled LC, 1500 gals 10# 15#
HCL-NE-FE acid. Sqzd w/ 100 sxs

5/80: Perf Abo @ 6252'-6262' w/ 2 JSPF
150 gals 15% HCL-LST-NE-FE, 1000 gal gelled CaCl₂, 1000 gals
LO, 1000 gals 15% HCL-LST-NE-FE. Re-acidize w/ 150 gals 15%
LSTNE-FE-HCL, 1000 gals gelled CaCl₂, 1000 gal gelled LO, 2000
gals 15% HCL-LST-NE-FE

Production Casing

5-1/2" 15.5# K-55 @ 6330' w/635 sxs
DV @ 2988' w/ 580 sxs to surface

PBTD = 5940'
TD = 6330'

