

1425 1 ch 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

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30 015 21541                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br>EMPIRE ABO UNIT H                                           |
| 8. Well Number 291                                                                                  |
| 9. OGRID Number<br>873                                                                              |
| 10. Pool name or Wildcat<br>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: ☒ 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 M : 200 feet from the S line and 50 feet from the W line  
Section 33 Township 17S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3661' 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 ☐

OTHER ☐

SUBSEQUENT REPORT OF:

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

OTHER: RWTP - CORRECTION - ADDED PERFS. ☒

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.

9-12-2011: RIH W/CIBP SET@ 6060'. SPOT 3 SXS OF CMT-TOP OF CIBP. LD & TST CSG TO 1000#. RIH W/PERF GUNS & PERF UPPER ABO FROM 5850'-5852', 5936'-5938' W/ 6 JSPF, 24 HOLES.

9-16-2011: START MINI FRAC W/ 5040 GAL OF SLICK WTR; PMP 12# XL ASSIST PAD W/ 8000 GAL @ 5719#, PMP 20,034 GAL OF 15% DIVERT S ACID, DROP 12 7/8" 1.3 SG, RCN BALL W/ 336 GAL OF SLICK WTR. SPOT 1092 GAL 15% DIVERT S ACID. PMP 1,975 GAL-12 XL ASSIST PAD, 16.9 BPM. RELOAD BALL GUN. SLICK WTR. DROP 15 7/8" 1.3 SG, RCN BALL W/714 GAL SLICK WTR. SPOT 1,050 GAL OF 15% DIVERT S ACID. PMP 5,000 GAL-2# XL ASSIST PAD. PMP 15,666 GAL OF 15% DIVERT S ACID, FLUSH W/ 1512 GAL OF SLICK WTR.

9-21-2011: RIH W/ 2-7/8" SN, 2-7/8" TK-99 BLAST JT, 4 JTS 2-7/8" J-55 TBG, 5-1/2" X 2-7/8" TAC, & 187 JTS 2-7/8" J55 TBG. LAND SN/ESTD @ 5966.42' RKB. SET TAC @ 5807' RKB W/ 12 PTS. = ETD 5966' = PBD 6043' = TD 5350'.

11-1-2011: RIH W/GUNS & PERF UP R AB FROM 5906'-5910', 5939'-5943', 5947'- 5958', 5961'- 5986' W/ 2 JSPF 88 HOLES. ACIDIZE UPPER ABO W/ 3000 GALS 15% HCL NEFE ACID, 180 BS.

11-3-2011: RIH W/ 2-7/8" SN, 2-7/8" TK-99 BLAST JT, 5 JTS 2-7/8" J-55 TBG, 5-1/2" X 2-7/8" TAC, & 187 JTS 2-7/8" J55 TBG. LAND SN/ESTD @ 5997.74' RKB. SET TAC @ 5807' RKB. PRODUCING.

Spud Date: 07/16/1975

Rig Release Date: 08/26/1975

RECEIVED

FEB 15 2012

NMOC D ARTESIA

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

SIGNATURE Bev Hatfield TITLE Sr. Staff Engineering Tech DATE 11/09/2011

Type or print name Bev Hatfield E-mail address: beverly.hatfield@apachecorp.com PHONE: 432-818-1906

For State Use Only

APPROVED BY: RL Wade TITLE Dist II Supervisor DATE 02/22/12

Conditions of Approval (if any):

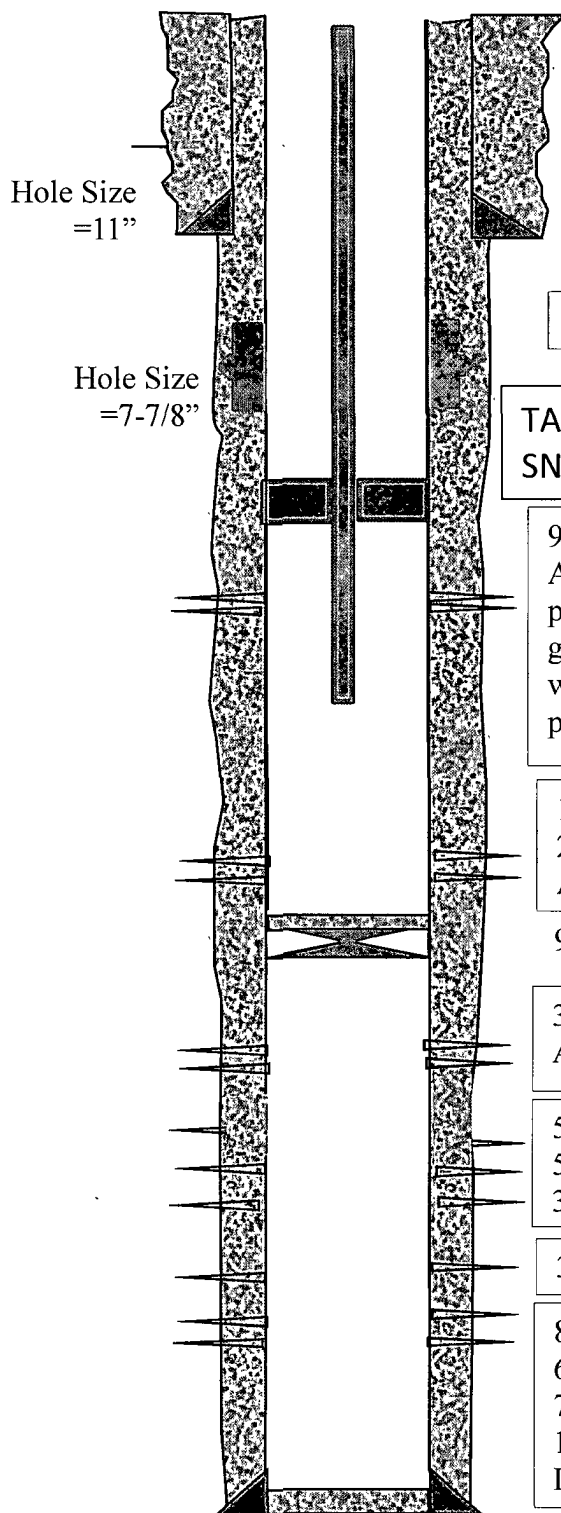
GL=3661'  
KB=3673'  
Spud: 7/16/75

# Apache Corporation – Empire Abo Unit #H-291

## Wellbore Diagram – Current Status

API: 30-015-21541

Date : 11/8/2011  
S. Hardin



### Surface Location

200' FSL & 50' FWL, Unit M  
Sec 33, T17S, R28E, Eddy County, NM

### Surface Casing

8-5/8" 24# K-55 @ 1014' w/ 375 sx to surface

DV @ 3978'

TAC @ 5807'  
SN @ 5998'

### TUBING DETAIL

| Qty | Description              | Length | Depth |
|-----|--------------------------|--------|-------|
| 192 | 2-7/8" J-55 8rd EUE 6.5# | 5949'  | 5998' |

9/11: Perf Upper Abo @ 5850'-52', 5936'-38' w/ 6 JSPF, 24 holes  
Acid Frac w/ 5040 gals slick water, pump 8000 gals 12# xl assist pad,  
pump 20034 gals 15% divert s acid, 336 gals slick water, spot 1092  
gals 15% divert s acid, pump 1975 gals 12# xl assist pad, 714 gals slick  
water, spot 1050 gals 15% divert s acid, pump 5000 gals 12# xl assist  
pad, pump 15666 gals 15% divert s acid, flush w/ 1512 gals slick water

11/1/11: Perf Upr Abo @ 5906'-10', 5939'-43', 5947'-58', 5961'-86' w/  
2 JSPF, 88 holes  
Acidize w/ 3000 gals 15% HCL NEFE

9/11: Set CIBP @ 6060' w/ 15' cmt

3/95: Perf Abo @ 6100'-12' & 6122'-28'  
All perfs in 95' acidized w/ 3000 gal 15% NEFE

5/76: Perf Abo @ 6152'-76' w/ 2 JSPF  
5000 gals 15% HCL-DAD acid, Sqzd multiple times  
3/95: Re-Perf Abo @ 6158-75'

3/95: Perf Abo 6218'-28'

8/75: Perf Abo @ 6230'-36'; 6239'-47' w/ 2 JSPF  
6000 gals DAD 50/50 15% HCL/xylene  
7/79: Reperf Abo 6230'-47' w/ 2 JSPF  
1000 gals Gelled CaCl, 1000 gal Gelled LC, 1000 gal 15% HCL-  
LSTNE-FE, Perfed up to 4 times.

PBTD = 6045'  
TD = 6350'

### Production Casing

5-1/2" 14# K-55 @ 6350' w/650 sxs  
DV @ 3978' w/ 795 sxs to surface