

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

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		WELL API NO. 30 015 22864
2. Name of Operator APACHE CORPORATION		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 303 VETERANS AIRPARK LN, STE 3000; MIDLAND, TX 79705		6. State Oil & Gas Lease No. 647-349, 647-351
4. Well Location Unit Letter L : 2000 feet from the S line and 1200 feet from the W line Section 33 Township 17S Range 28E NMPM County EDDY		7. Lease Name or Unit Agreement Name EMPIRE ABO UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3665.7' GR		8. Well Number 291 A
		9. OGRID Number 873
		10. Pool name or Wildcat EMPIRE ABO

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: ☐

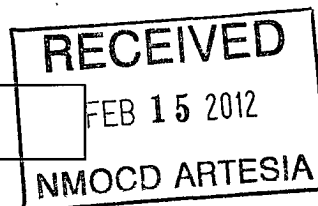
OTHER: RWTP ☒

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.

9-07-2011 TAG PBTD @ 6212'. ACIDIZE UPPER ABO (6020-6193') w/7500g 15% HCL ANTISLUDGE. DROPPED 1500# ROCK SALT. START ON 1% KCL FW, PUMP 22 BBLS @ 4.4 BPM, 0#. PUMP 2500 GALS OF 15% ANTISLUDGE @ 4.4 BPM, 0#, DROP 500# OF ROCK SALT W/ 4 BBLS OF BRINE WATER. PUMP 2500 GALS 15% ANTI SLUDGE @ 4.4 BPM, 0#, DROP 1000# ROCK SALT W/ 9 BBLS OF BRINE WATER. PUMP 2500 GALS 15% ANTI SLUDGE @ 4.4 BPM, 0#. FLUSH W/ 45 BBLS OF 1% KCL FW.
9-09-2011 RIH W/ 3 1/8" PERF GUNS & PERFORATE UPPER ABO F/ 5760-68', 5780-86', 5812-44', 5854-66', 5872-76', 5884-88', 5898-5922', 5938-44', 5956-64', 5970-76' W/ 2 JSPF 120 DEG PHASING 220 HOLES. ACIDIZE UPPER ABO (5760-5976') W/ 6000 GALS 15% ANTI SLUDGE W/ 350 1.3" RCN BALL SEALERS.
9-13-2011 RIH W/ 4' X 2 7/8" PERF SUB W/ BP, 2 3/8" SN, 2 7/8" TK-99, 14 JTS OF 2 7/8" J-55 TBG, 5 1/2" X 2 7/8" TAC, & 182 JTS OF 2 7/8" J-55 TBG. ETD @ 6168.12 RKB'. SN @ 6163.44' RKB. TAC @ 5695.73 RKB'.
9-27-2011 PRODUCING.

Spud Date:

Rig Release Date:



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 10/24/2011

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 02/22/12

Conditions of Approval (if any):

GL=3676'
KB=3687'
Spud: 4/21/79

Apache Corporation – Empire Abo Unit #G-291

Wellbore Diagram – Current Status

Date : 10/25/2011
S. Hardin

API: 30-015-22864

Surface Location



2000' FSL & 1200' FWL, Unit L
Sec 33, T17S, R28E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 768' w/ 744 sx to surface

TUBING DETAIL

Qty	Description	Length	Depth
196	2-7/8" J-55 8rd EUE 6.5#	6114'	6168'

TAC @ 5696'
SN @ 6163'

9/11: Perf Upper Abo @ 5760'-68', 5780'-86', 5812'-44',
5854'-66', 5872'-76', 5884'-88', 5898'-5922', 5938'-44', 5956'-
64', 5970'-76' w/ 2 JSPF, 220 holes
Acidized w/ 6000 gals 15% anti-sludge

2/96: Perf Abo @ 6020'-6150' w/ 2 JSPF
4500 gals acid
9/11: Acidized w/ 7500 gals 15% anti-sludge

5/79: Perf Abo @ 6173'-6193' w/ 2 JSPF
150 gal 15% HCL-LSTNE-FE, 1000 gal Gel CaCl, 1000 gal gelled
LC, 1000 gal 15% HCL-LSTNE-FE

Production Casing

5-1/2" 15.5# K-55 @ 6250' w/700 sxs
DV @ 3018' w/ 750 sxs to surface

PBTD = 6212'
TD = 6250'

