

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-00724
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B0-9299-0005
7. Lease Name or Unit Agreement Name Empire Abo Unit
8. Well Number 016B
9. OGRID Number 873
10. Pool name or Wildcat Empire; Abo (22040)

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: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter <u>A</u> : <u>990</u> feet from the <u>North</u> line and <u>330</u> feet from the <u>East</u> line Section <u>02</u> Township <u>18S</u> Range <u>27E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3618' GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to perform the following work: Please see attachments.

Objective: Isolate open perfs and TA wellbore

Procedure:

1. POOH with rods and tbg
2. Set CIBP @ 5,250' and dump bail 35' of cmt
3. Fill casing with fluid and pressure test to 500 psi.
4. Record the test on a chart and submit for approval

NM OIL CONSERVATION
ARTESIA DISTRICT

TA status may be granted after a successful MIT test is performed.
Contact the OCD to schedule the test so it may be witnessed.

NOV 07 2016

RECEIVED

LAST PROD 10/1/2015

Spud Date:

08/01/1959

Rig Release Date:

08/30/1959

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

SIGNATURE Isabel Hudson TITLE Regulatory Analyst DATE 11/03/2016

Type or print name Isabel Hudson E-mail address: isabel.hudson@apachecorp.com PHONE: (432) 818-1142

For State Use Only

APPROVED BY: Ruthard / NGE TITLE COMPLIANCE OFFICER DATE 11/17/16
Conditions of Approval (if any):



October 12, 2016

Empire ABO Unit # I-16

API # 30-015-00724

Eddy County, NM

Surface Casing: 8-5/8" 28# Set @ 976'

Production Casing: 5-1/2" 17# Set @ 5,920'

Producing Interval: 5,290-872'

Objective: Isolate open perms and TA wellbore

Procedure:

1. POOH with rods and tbg
2. Set CIBP @ 5,250' and dump bail 35' of cmt
3. Fill casing with fluid and pressure test to 500 psi.
4. Record the test on a chart and submit for approval

Apache Corp.
Actual

LEASE/UNIT:	Empire Abo Unit	DATE:	Oct. 11, 2016
WELL:	I-16	BY:	HJG
API NUMBER:	30-015-00724	FIELD:	Empire (BP)
LEGAL DESCRIPTION:	Sec 2, T18S, R27E	COUNTY:	Eddy
WI/OIL NRI/GAS NRI:	37.83%/32.9%/32.9%	STATE:	New Mexico

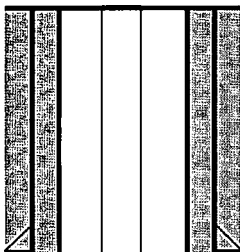
Spud: 7/31/59

KB = 3628'

Rig Release: 8/30/59

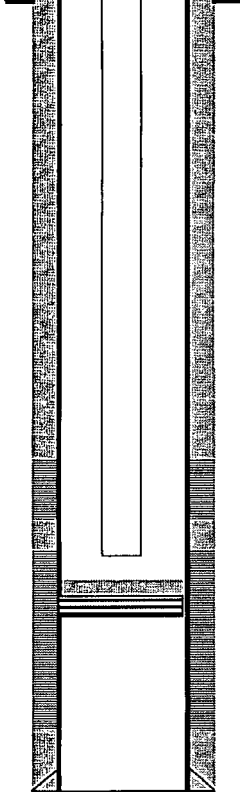
GL = 3618'

11"



8-5/8" 28# Set @ 976'
CMT W/ 300 SXS (CIRC/SURF)

7-7/8"



5-1/2" 17# Set @ 5920'
CMT W/ 300 SXS (TOC @ 4190')
Perf @ 3500' & CMT SQZ 600 SX (TOC @ 960')
Braden head SQZ to surface

2 7/8 TBG
SN @ 5492'

ABO (1/23/12)
Perf: 5290-92', 5340-42', 92-94' (4 SPF, 24 holes)
Az w/ 144 gals 15% HCl
Slickwater Frac w/ 183,272 lbs 100 mesh
Perf: 5444-46', 80-82', 5512-14' (4 SPF, 24 holes)
Az w/ 1374 gals 15% HCl
Slickwater Frac w/ 185,324 lbs 100 mesh
ABO (8/20/03)
Perf: 5444-46', 79-82', 5504-12', 89-91', 5606-42', 57-66', 5698-5734', 72-86'
(2 SPF, 236 holes)
Az w/ 5,700 gals 15% HCl w/ 2% ASOL
1/16/12: CIBP @ 5580' w/ 25' CMT
ABO (9/3/59)
Perf: 5773-95', 5810-18', 31-34', 43-52', 63-72' (2 SPF)
Az w/ 2K gals 15%
9/72: Az w/ 1000 DAD acid

Formation Tops:

Queen - 968
Grayburg -
San Andres - 1765
Glorieta - 3150
Abo - 5590

TD = 5920'
PBTD = 5555'

*Huge gap of information from 1979-2003