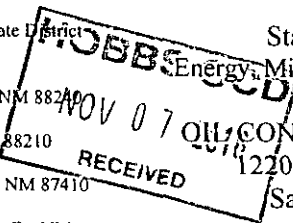


Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis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



State of New Mexico  
Energy, Minerals and Natural Resources  
CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-015-00724
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No. B-9299-0005
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Empire Abo Unit (309164)
4. Well Location Unit Letter A : 990 feet from the North line and 330 feet from the East line Section 02 Township 18S Range 27E NMPM County Eddy		8. Well Number 016B
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3618' GR		9. OGRID Number 873
		10. Pool name or Wildcat Empire; Abo (22040)

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
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

11/7/2016  
AS PER PHONE CONVERSATION  
W/ REESA. CORRECT C-104, C-105  
SHOWING 11/24/2012 PERFS  
5290' - 5394'.  
MJBrown

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 11/07/2016

Type or print name Isabel Hudson

E-mail address: isabel.hudson@apachecorp.com

PHONE: (432) 818-1142

For State Use Only

APPROVED BY:

Maley Brown

TITLE

Dist Supervisor

DATE

11/7/2016

Conditions of Approval (if any):

Confirmed w/ P. Kautz.



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 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

# 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

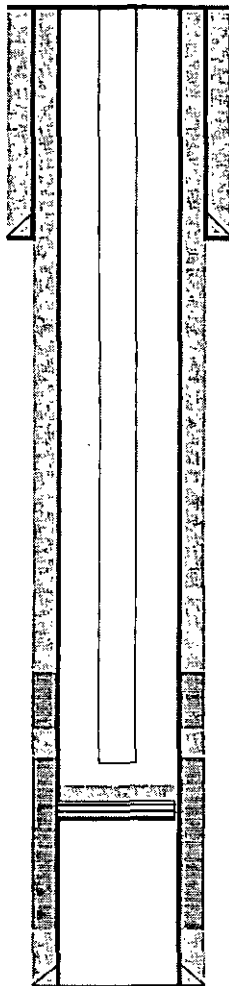
Spud: 7/31/59

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