

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061783A
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: ISABEL HUDSON E-Mail: Isabel.Hudson@apachecorp.com		7. If Unit or CA/Agreement, Name and/or No. 8910138010
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432.818.1142	8. Well Name and No. EMPIRE ABO K 8
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T18S R27E NESE 1650FSL 330FEL		9. API Well No. 30-015-00774-00-S1
		10. Field and Pool or Exploratory Area EMPIRE
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

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

Objective: TA wellbore and evaluate well for future re-completion

Procedure:

1. POOH with rods and pump, laying them down
2. Release TAC and scan tbg out of the hole, mark the good tbg and scrap the rest
3. Rig up wireline
4. Set CIBP @ 5,370' w/ 357 cmt
5. Fill casing with 2% KCL fluid and pressure test plug to 500 psi
6. Schedule a test and record the chart
6. Turn In to OCD for TA approval

Accepted for record

NMOC D R

2/13/17

NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 10 2017SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #356709 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 11/02/2016 (17DLM0138SE)	
Name (Printed/Typed) ISABEL HUDSON	Title REG ANALYST
Signature (Electronic Submission)	Date 11/01/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>James R. Davis</i>	Title SPET	Date 2-7-17
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office CGO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



November 1, 2016

Empire ABO Unit # K-8

API # 30-015-00774

Eddy County, NM

Producing Interval: 5,400-74'; 5,502-52'

4-1/2" csg @ 5,621'

Objective: TA wellbore and evaluate well for future re-completion

Procedure:

1. POOH with rods and pump, laying them down
2. Release TAC and scan tbg out of the hole, mark the good tbg and scrap the rest
3. Rig up wireline
 - Set CIBP @ 5,370' w/ 35' cmt
4. Fill casing with 2% KCL fluid and pressure test plug to 500 psi
5. Schedule a test and record the chart
6. Turn in to OCD for TA approval

Apache Corp.

Actual

LEASE/UNIT:	Empire Abo Unit	DATE:	Oct. 28, 2016
WELL:	K-8	BY:	HJG
API NUMBER:	30-015-00774	FIELD:	Empire (BP)
LEGAL DESCRIPTION:	Sec 4, T18S, R27E	COUNTY:	Eddy
WI/OIL NRI/GAS NRI:	37.83%/32.8%/32.8%	STATE:	New Mexico

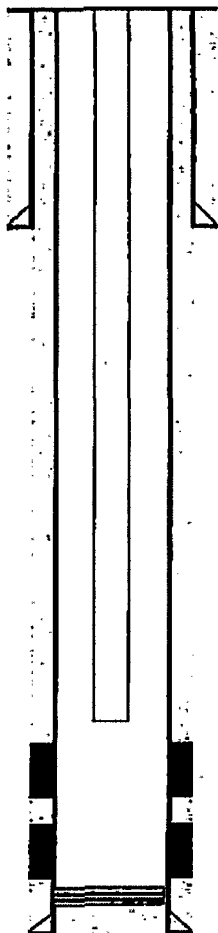
Spud: 8/23/59

KB = 3578'

Rig Release: 9/10/59

GL = 3566'

11"



8-5/8" 24# J-55 Set @ 1498'
CMT 100 SX CIRC/SURF

4-1/2" 9.5# J-55 Set @ 5621'
CMT W/ 850 SXS (TOC @ ??)
Braden head SQZ to surface

7-7/8"

ABO (3/96)
Perf: 5400-74' (2 SPF)
3/96: Az w/ 2,500 gals 15% NEFE
3/96: CBL showed poor cement; wtr production F/behind pipe suspected F/lwr perms.
ABO (9/59)
Perf: 5502-52' (2 SPF)
9/59: Az w/ 5,000 gals 15% HCl
9/67: Az w/ 10,000 gals 15% HCl
10/67: Frac w/ 40,000 gals gelled brine & 51,000 lbs SD
3/96: Az w/ 2,000 gals 50/50 az/condensate
CIBP pushed to bottom @ 5557'

TD = 5602'
PBTD = 5557'

Formation Tops:

Queen -
Grayburg -
San Andres - 1550
Glorieta - 2960
Abo - 5380

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Temporary Abandonment of Wells on Federal Lands
Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. The bridge plug is to be capped with 35 feet of cement (if balled) or 25 sacks (if placed with tubing). If a cement plug is used, the top of the cement must be verified by tagging.
 - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leakoff.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval with well bore diagram.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

Well Name: **Submit Subsequent Report and well bore diagram with all Perforations and CIBP with tops of cement. Well may be approved to be TA for a period of 1 year after successful MIT and subsequent report is submitted.**