

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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 reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. NMNM70945X
2. Name of Operator APACHE CORP Contact: ISABEL HUDSON E-Mail: Isabel.Hudson@apachecorp.com		8. Well Name and No. EMPIRE ABO UNIT 191A
3a. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1142	9. API Well No. 30-015-21873
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R27E 1526FSL 1470FEL		10. Field and Pool, or Exploratory EMPIRE ABO 22040
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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.

*(attachments describe preparation for TA request)
no production reported since 09/2015*

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 14 2016

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record
NMOCDF 12/25/16

14. I hereby certify that the foregoing is true and correct. Electronic Submission #347988 verified by the BLM Well Information System For APACHE CORP, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/23/2016 ()	
Name (Printed/Typed) ISABEL HUDSON	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/16/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 _____		

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

APPROVED

OCT 24 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD OFFICE

August 15, 2016

Empire ABO Unit # K-191

API # 30-015-21873

Eddy County, NM

Surface Casing: 8-5/8" 24# Set @ 1,000'

Production Casing: 5-1/2" 15.5# Set @ 6,350'

Producing Interval: 5,984-6,172'

Objective: Isolate open perfs and TA wellbore

Procedure:

1. POOH with rods and tbg
2. Set CIBP @ 5,900' 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

GL=3627'
KB=3639'
Spud: 8/27/76

Apache Corporation – Empire Abo Unit #K-191

Wellbore Diagram – Current

Date : 12/8/2011

API: 30-015-21873

Surface Location

R. Taylor

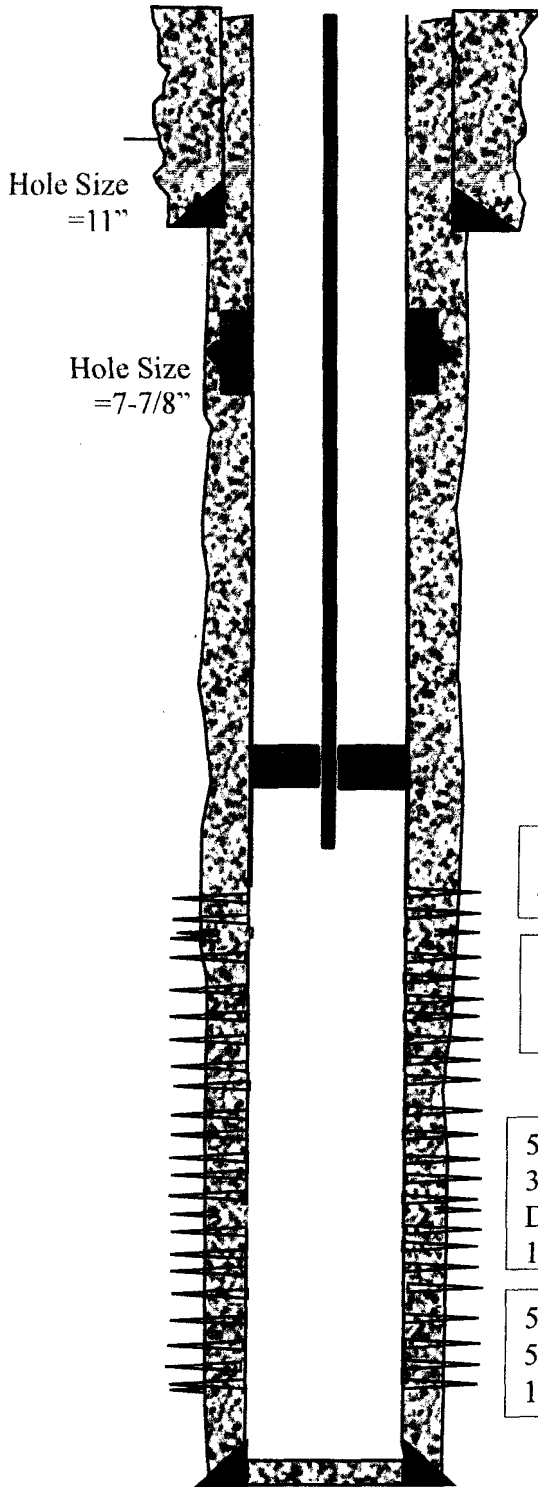


1526' FSL & 2470' FEL, Unit
Sec 1, T18S, R27E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 1000' w/ 400 sx to surface

DV Tool @ 4,011'



3/94: Perf Abo @ 5984'-6172' w/ 2 JSPF
4000 gal 15% 60/40 xylene acid

9/76: Perf Abo @ 5984'-98' w/ 2 JSPF
2000 ga;s 15% HCL-LSTNE
5/77: Sqzd w/ 150 sxs

5/77: Perf Abo @ 6056'-66' w/ 2 JSPF
300 gal 15% HCL, 500 gal LC, 800 gal 10# brine, 2000 gal 60/40
DAD
10/78: Sqzd w/ 100 sxs

5/77: Perf Abo @ 6154'-72' w/ 2 JSPF
500 gal 15% HCL-NE & 12 BLC, 3000 gal 60/40 DAD acid
10/78: acidized w/ 500 gal 15% HCL 60/40 xylene

Production Casing

5-1/2" 15.5# & 14# K-55 @ 6350' w/ 425 sxs
DV tool @ 4011' w/ 925 sxs

PBTD = 6304'
TD = 6350'

GL=3627'
KB=3639'
Spud: 8/27/76

Apache Corporation – Empire Abo Unit #K-191

Wellbore Diagram – Proposed

Date : 12/8/2011

API: 30-015-21873

Surface Location

R. Taylor



1526' FSL & 2470' FEL, Unit
Sec 1, T18S, R27E, Eddy County, NM

Surface Casing

8-5/8" 24# K-55 @ 1000' w/ 400 sx to surface

DV Tool @ 4,011'

Proposed CIBP @ 5,900' w/ 35' cmt

3/94: Perf Abo @ 5984'-6172' w/ 2 JSPF
4000 gal 15% 60/40 xylene acid

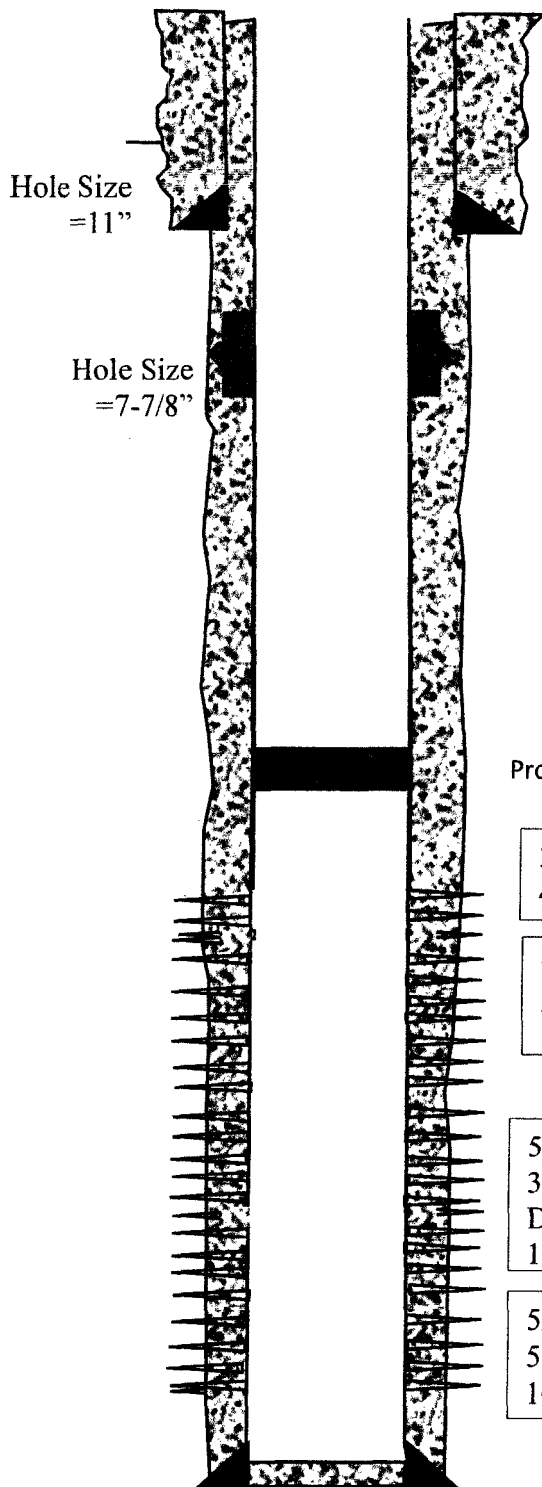
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Production Casing

5-1/2" 15.5# & 14# K-55 @ 6350' w/ 425 sxs
DV tool @ 4011' w/ 925 sxs



PBTD = 6304'
TD = 6350'

Conditions of Approval
Apache Corporation
Empire Abo Unit 191a, API 3001521873
T18S-R27E, Sec 01, 1526FSL & 1470FEL
October 24, 2016

Operator is to have the BLM approved NOI procedure with applicable conditions of approval on location for this workover operation.

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.

Temporary Abandonment (TA) BLM Status Approval Requires:

1. A Notice of Intent (NOI) Sundry (Form 3160-5) requesting approval to prepare the wellbore for a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A subsequent sundry report that describes compliance with:
 - a. All downhole production artificial lift equipment (tubing, rods, etc.) removed from the casing. A wellbore with a packer set just above producing or injection perforations with annulus integrity above the packer, and loaded with corrosion inhibiting fluid may be considered for TA status by passing a Mechanical Integrity Test.
 - b. The wellbore below all potential production is to be plugged back per permanent plugging procedures. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. A CIBP set above the top perforations to be permanently abandoned is to be capped with a minimum of 25 sacks cement and placed with tubing, or if the perforations are to be reopened 35 feet of cement may be bailed on the CIBP.
 - c. The wellbore filled with corrosion inhibited fluid.
 - d. At least 24 hours prior to conducting the Mechanical Integrity Test, contact the appropriate BLM office. Lea County call Hobbs 575-393-3612.
 - e. Documentation of a 500psig minimum BLM witnessed Mechanical Integrity Test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 75 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Verify all annular casing vents are plumbed to surface and those valves open to the surface during this pressure test. Pressure leakoff will be evaluated site specifically and affect approvals.
3. Submit a Subsequent Sundry Notice (Form 3160-5) requesting TA approval with a description of the preparation for temporary abandonment approval, a clear copy or the original Mechanical Integrity Test chart, a current wellbore diagram, and **justification describing a substantial reason for the request**, the expected wellbore use, and the estimated date the well will be returned to beneficial use.
4. This BLM TA NOI Approval is for WELLBORE PREPARATION ONLY. BLM IS NOT APPROVING TA Status FOR THIS WELL. If warranted, TA approval status for a

specified time limit will be noted with BLM acceptance of the subsequent report of preparations and justification.

5. Workover approval is good for 90 days (completion to be within 90 days of approval).
6. Should Mechanical Integrity Test not prove wellbore integrity or not be conducted submit a procedure to repair or plug and abandon the well for BLM approval within 30 days of the MIT.