

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.***Carlsbad Field Office**
OCD Hobbs

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator APACHE CORPORATION	8. Well Name and No. DUTHIE ANDREWS 05
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	Contact: REESA FISHER E-Mail: Reesa.Fisher@apachecorp.com	9. API Well No. 30-025-27191-00-S1
3b. Phone No. (include area code) Ph: 432-818-1062	10. Field and Pool or Exploratory Area LANGLIE	11. County or Parish, State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T23S R37E SESE 660FSL 785FEL		

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 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 must 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 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 Corporation requests approval to TA this wellbore for a period of 1 year in order to evaluate the Tansill and Yates formations for possible recompleat. These formations are productive in the vicinity and we are currently performing a reservoir evaluation for the Duthie Andrews #4, Duthie Andrews #1, EL Steeler #3, EL Steeler #7, and JC Johnson #4 offsets.

Procedure:

Day 1: MIRU SU. POOH w/rods (if applicable) laying down. POOH w/tubing. RU WL. RIH and set CIBP @ 3,275? via wireline. RD wireline. RIH w/tubing and test casing. Circulate inhibited fluid. POOH.

Day 2: RU wireline. RIH and dump bail 35? of cement on top of CIBP. WOC. RIH and tag TOC

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #364965 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 02/03/2017 (17PP0141SE)	
Name (Printed/Typed) REESA FISHER	Title SR STAFF REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/26/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>MUSTAFA HAQUE</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>03/23/2017</u>
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 Hobbs

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 *****KZ*

Additional data for EC transaction #364965 that would not fit on the form

32. Additional remarks, continued

w/wireline. RD wireline. Perform MIT

NOTE: Please contact BLM 48 hours prior to performing MIT test.

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. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, **placed with tubing** or 35 feet of cement if placed with bailer.
 - 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. Any leak-off will be evaluated.
 - 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. 43 CFR 3162.3-4 (a). The operator shall promptly plug and abandon wells in which oil or gas is not encountered in paying quantities.**

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 with all perforations and CIBP's and tops of cement on CIBP's.
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.

Duthie Andrews 5

1. Well may be approved to be TA/SI for a period of 1 year or until Date: 03/23/2018 after successful MIT and subsequent report is submitted.
2. Must submit NOI to recomplete or NOI to P&A. Must be submitted by 03/23/2018
3. Contact BLM 24 hrs. prior to setting of plug so as it may be witnessed.

Apache Corporation

Work Objective _____

- CURRENT -

Region Office Permian / Midland
District /Field Office NW / Eunice South
AFE Type _____

Start Date	TBD	End Date	TBD
Lease	Duthie Andrews	KB	GL: 3314'
Well Name	Duthie Andrews	Well No.	#5
Field	Langlie-Mattix (BP)	TD @	3750'
County	Lea	PBTD @	???
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-27191
Gross AFE	TBD	Spud Date	12/1/1980
Apache WI	100.000000%	Comp. Date	1/1/1981

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8-5/8"	K-55	24#	1165'	850	Circulated to surface
Inter Csg						
Prod Csg	5-1/2"	K-55	15.5#	3750'	900	Circulated to surface
Casing Liner						

8-5/8" csg

Date	Zone	Actual Perforations	JSPF	Total Perfs
1/1/1981	Seven Rivers/Queen	3332', 67', 78', 94', 3419', 32', 38', 44', 52', 75', 81', 97', 3507', 47', 56', 63', 71', 78', 86', 92', 3600', 06', 18', 27', 34', 40', 46', 52', 58', 65'	1	

Date	Zone	Stimulation / Producing Interval	Amount
1/1/1981	Seven Rivers/Queen	Acidized w/3000 gals 15% HCL. Frac w/28,000 gals gel, 10,400 gals CO2, and 61,200# sand.	

Jts	Feet	Pulled Description	Tubing	Jts	Feet	Ran Description
			PIN JT #VALUE!			
			PS #VALUE!			
			SN #VALUE!			
			IPC #VALUE!			
			TBG #VALUE!			
			TAC #VALUE!			
			TBG #VALUE!			
			#VALUE!			
			#VALUE!			
			KB GL 3314'	0	0.00	
Jts	Feet	Pulled Description	Rods	Jts	Feet	Ran Description
			Gas Anchor			
			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	

Seven Rivers/Queen

Well History / Failure

5-1/2" csg

Apache Representative _____

Contract Rig/Number _____

Apache Engineer _____

Jacob Bower _____

Operator _____

Apache Corporation

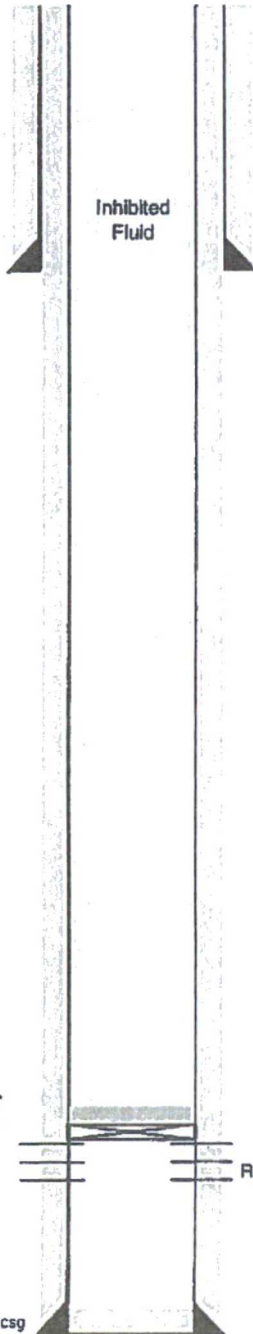
- PROPOSED -

Work Objective TA Wellbore

Region Office Permian / Midland
District /Field Office NW / Eunice South
AFE Type

Start Date	TBD	End Date	TBD
Lease	Duthie Andrews	KB	GL: 3314'
Well Name	Duthie Andrews	Well No.	#5
Field	Langlie-Mattix (BP)	TD @	3750'
County	Lea	PBTD @	???
State	New Mexico	ETD @	N/A
AFE #	TBD	API #	30-025-27191
Gross AFE	TBD	Spud Date	12/1/1980
Apache WI	100.000000%	Comp. Date	1/1/1981

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	8-5/8"	K-55	24#	1165'	850	Circulated to surface
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			PS #VALUE!			
			SN #VALUE!			
			IPC #VALUE!			
			TBG #VALUE!			
			TAC #VALUE!			
			TBG #VALUE!			
			#VALUE!			
			#VALUE!			
			KB GL: 3314'	0	0.00	
Jts	Feet	Pulled Description	Rods	Jts	Feet	Ran Description
			Gas Anchor			
			Pump			
			TOOL			
			K-BAR			
			TOOL			
			K-BARS			
			RODS			
			RODS			
			RODS			
			SUBS			
			POLISH			
				0	0.00	

Well History / Failure

Apache Representative

Contract Rig/Number

Apache Engineer

Jacob Bower

Operator