

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELL CARLSBAD FIELD OFFICE**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*  
**OCD Hobbs**

5. Lease Serial No.

N 30-054453

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

DUTHIE ANDREWS 05

2. Name of Operator  
APACHE CORPORATIONContact: REESA FISHER  
E-Mail: Reesa.Fisher@apachecorp.com

9. API Well No.

30-025-27191-00-S1

3a. Address

303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 432-818-1062

10. Field and Pool or Exploratory Area

LANGLIE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T23S R37E SESE 660FSL 785FEL

11. County or Parish, State

LEA 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 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 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 Corporation requests approval to TA this wellbore for a period of 1 year in order to evaluate the Tansill and Yates formations for possible recompletion. 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 MUSTAFA HAQUETitle PETROLEUM ENGINEERDate 03/23/2017

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 \*\***

**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.



# Apache Corporation

Work Objective \_\_\_\_\_

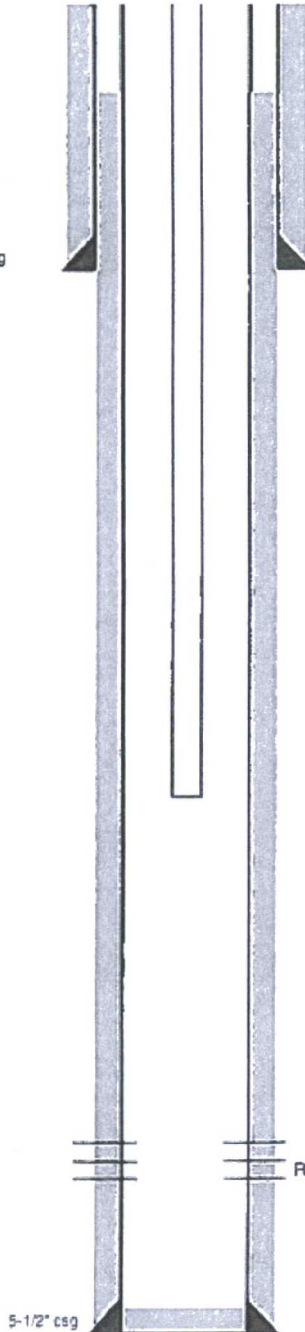
- CURRENT -

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-Matix (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



5-1/2" csg

Seven  
Rivers/Queen

Date	Zone	Actual Perforations	JSPF	Total Perfs
1/1/1981	Seven Rivers/Queen	3332', 67', 78', 84', 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			
			PS			
			SN			
			IPC			
			TBG			
			TAC			
			TBG			
			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 \_\_\_\_\_

# Apache Corporation

Work Objective

TA Wellbore

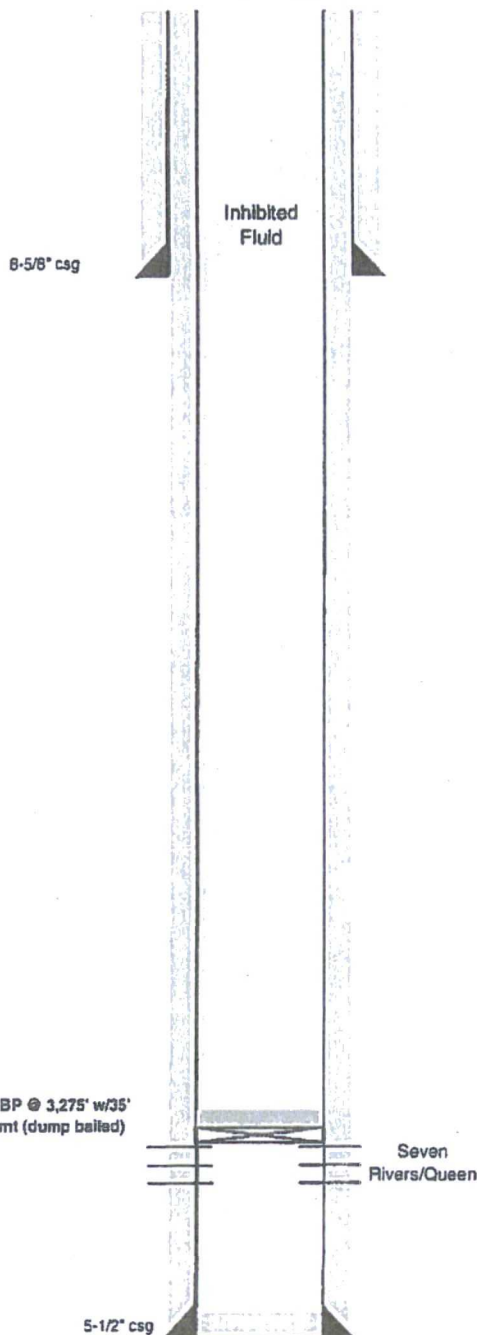
- PROPOSED -

Region Office  
District /Field Office  
AFE Type

Permian / Midland  
NW / Eunice South

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						



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', 55', 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			
			PS			
			SN			
			IPC			
			TBG			
			TAC			
			TBG			
			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



**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.