

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		5. Lease Serial No. NMLC029395B
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432.818.1167		8. Well Name and No. LEE FEDERAL 73
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R31E NESE 1570FSL 465FEL		9. API Well No. 30-015-41113-00-X1
		10. Field and Pool, or Exploratory CEDAR LAKE
		11. County or Parish, and State EDDY COUNTY, NM

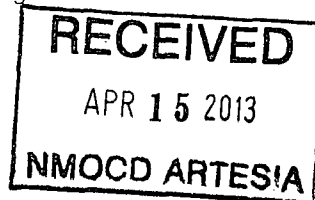
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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.)

BOND#: BLM-CO-1463 / NMB000736

Apache Corporation proposes to use a 13-5/8" 3M psi WP BOP (EXHIBIT 3) consisting of an annular bag type preventer. The BOP will be nipped up on the 13-3/8" surface csg head & tested to 2000psi using a test plug. After intermediate csg is set & cemented a 13-5/8" or a 11" 3M BOP consisting of an annular bag type preventer, middle blind rams, and bottom pipe rams (see EXHIBIT 3A) will be installed & utilized continuously until TD is reached. The BOP will be tested at 2000 psi (maximum surface pressure is not expected to exceed 2M psi). BHP is calculated to be approximately 2819 psi. All BOPs & associated equipment will be tested as per BLM Drilling Operations Order #2. The BOPs will be operated and checked each 24 hr period & the blind rams will be operated & checked when the drill pipe is out of the hole. Functional tests will be documented on the daily driller's log. EXHIBITS 3 & 3A also show a 3M psi choke manifold with a 3" blow down line. Full opening



Accepted for record

14. I hereby certify that the foregoing is true and correct.		NMOCD 105 4/15/2013
Electronic Submission #202678 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 03/28/2013 (13KMS5727SE)		
Name (Printed/Typed) SORINA L FLORES	Title SUPERVISOR - DRILLING SERVICES	
Signature (Electronic Submission)	Date 03/26/2013	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 04/11/2013
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 Carlsbad

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.

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

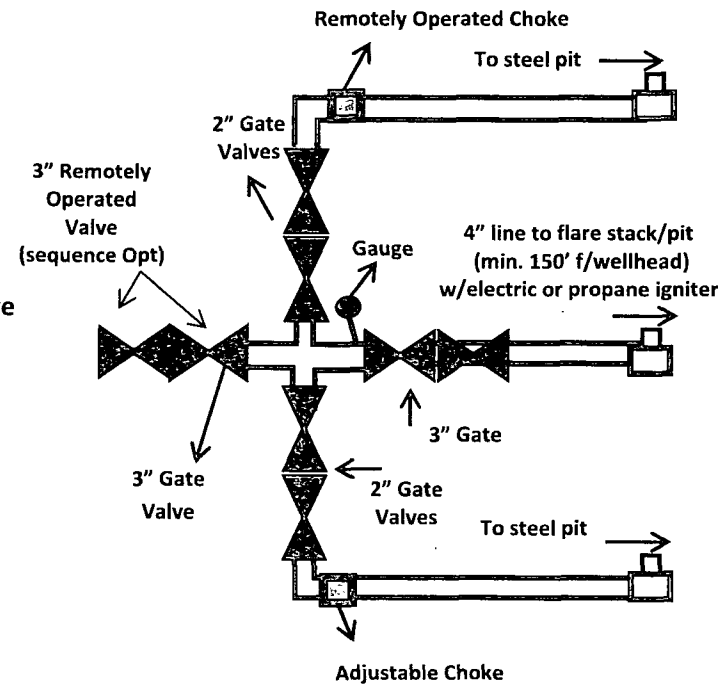
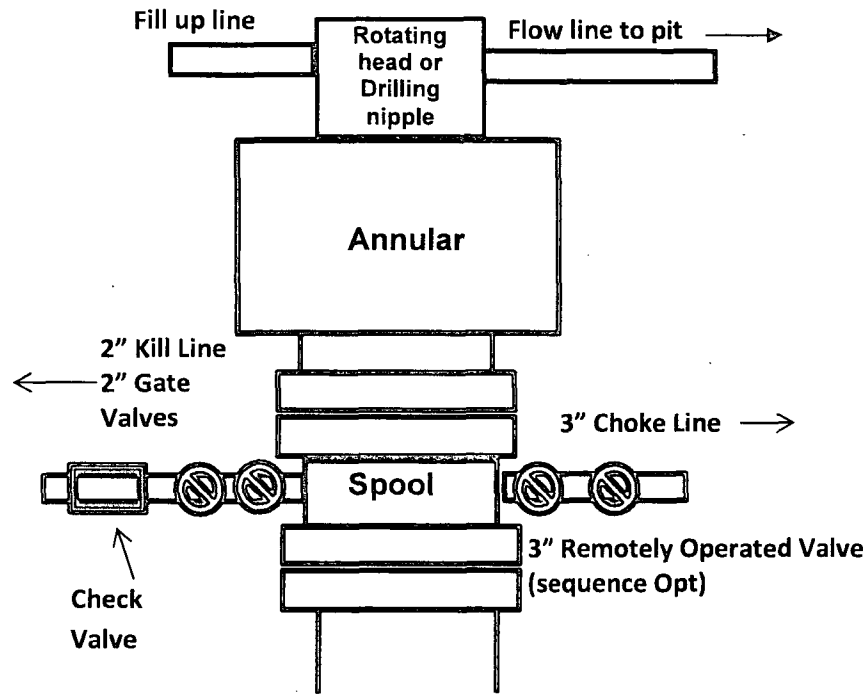
Additional data for EC transaction #202678 that would not fit on the form

32. Additional remarks, continued

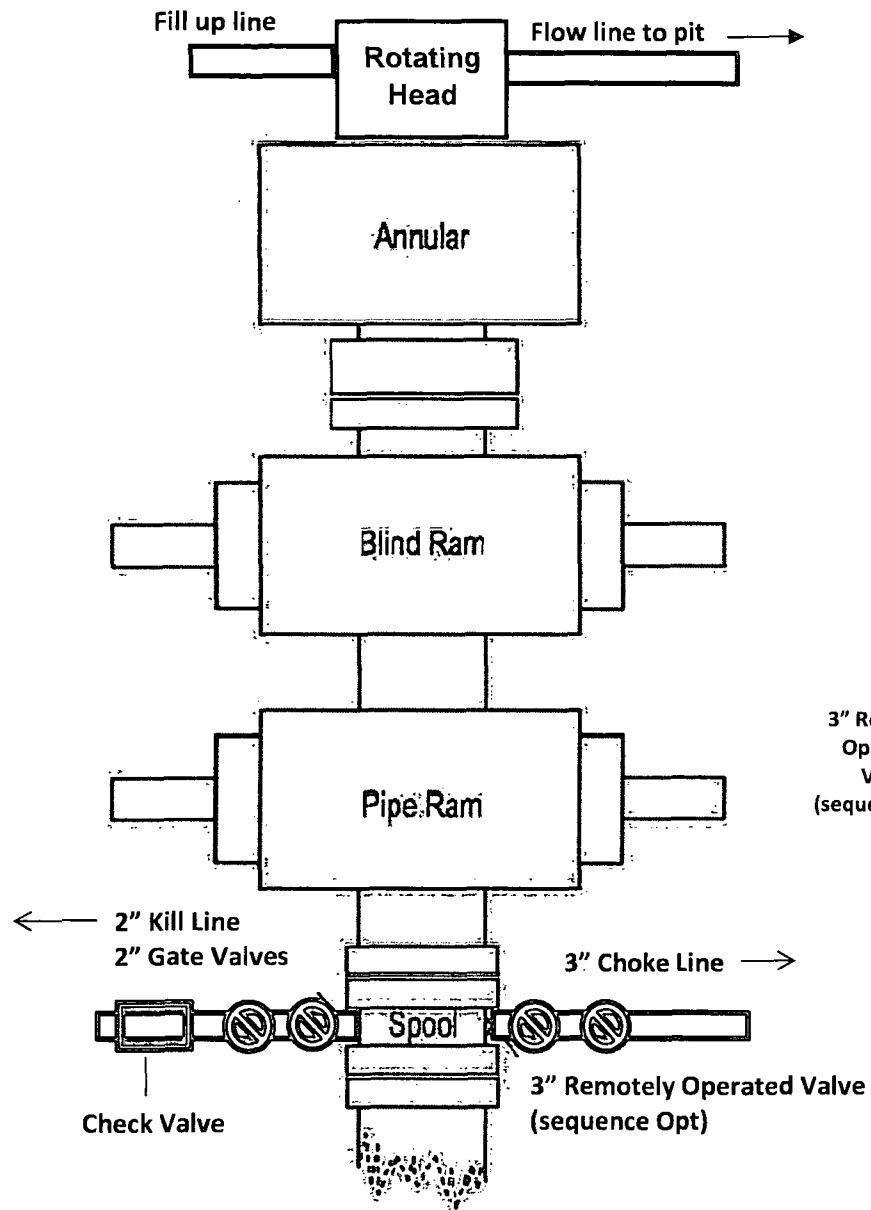
stabbing valve & kelly cock will be on derrick floor in case of need. No abnormal pressures or temperatures are expected in this well. No nearby wells have encountered any well control problems.

**13-5/8" 3M psi
BOPE & Choke Manifold
EXHIBIT 3**

All valve & lines on choke manifold are 2" unless noted.
Exact manifold configuration may vary

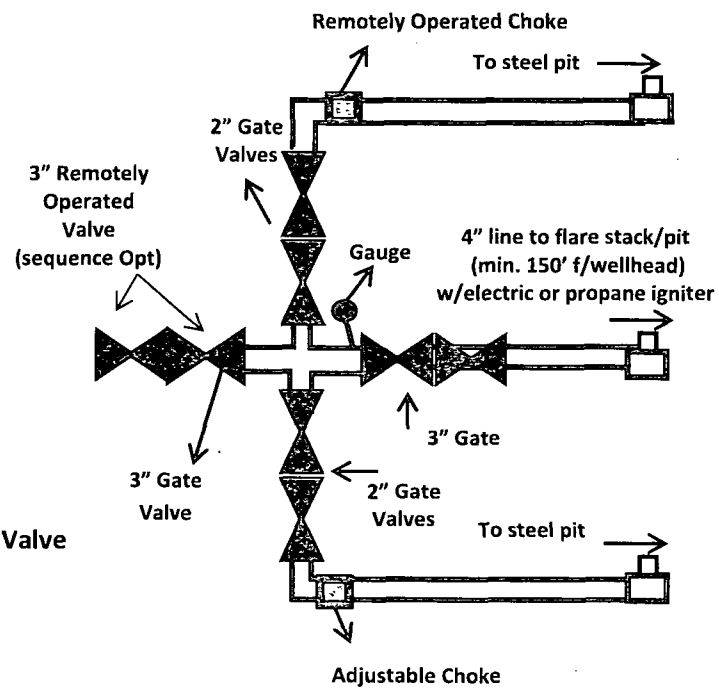


All bleed lines to pit
Minimum 2"



**11" or 13-5/8" 3M psi
BOPE & Choke Manifold
EXHIBIT 3A**

All valve & lines on choke manifold are 2" unless noted.
Exact manifold configuration may vary



All bleed lines to pit
Minimum 2"

Apache

Drilling Location H2S Safety Equipment Diagram Exhibit 3A

Lee Federal #73



Secondary
Egress



Windstock indicators



Prevailing Wind: vary SW to NE



H2S monitor w/alarm

H2S Warning Sign
~ 200' but no
more than 500'
from well location

Existing lease road

Access road

Primary briefing
area w/SCBA



TRAILER

TRAILER

1-200-200-200



Dog House

Cellar

Choke Manifold

2" choke line to pit

2" Choke line 150' i/wellhead
(Buried under Closed Loop Equip)
4" Panic line to "gas buster" 150' i/wellhead
(Buried under Closed Loop Equip)

Steel half pit w/
mounted "Gas Buster"

2" choke line
not to "gas buster"

Substructure

Water Tank

Light Plant

Shakers

Roll off cutting
containers on tracks

Steel pits

Solids Separator

Roll off cutting
containers on tracks

Fluid Storage Tanks



Closed Loop Equipment Diagram

Exhibit 4

