

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen 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 Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Lease Serial No. CONT 98
2. Name Of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address P.O. Box 2197, DU 3066, Houston, TX 77252-2197	3b. Phone No. (include area code) (281) 293-1613	7. If Unit or CA/Agreement, Name and/or No. APACHE
4. Location Of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FSL - 990' FWL, SEC. 19, T26N-R03W, UNIT LETTER 'L'		8. Well Name And No. APACHE #4
		9. API Well No. 30-039-20243
		10. Field And Pool, Or Exploratory Area Bach DK/Wild Horse Gallup
		11. County Or Parish, State RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Plug and Abandon	<input 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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 work will be performed or provide the Bond No. on file with the 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 Recompletion 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.)

PLEASE SEE REVERSE AND ATTACHED SUMMARY AS PROVIDED BY
A-PLUS WELL SERVICE.

14. I hereby certify that the foregoing is true and correct Name (Printed / Typed): DEBRA SITTNER	Title Agent for Conoco Inc.
Signature 	Date 01/17/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ Brian W. Davis	Title Lands and Mineral Resources	Date FEB 01 2001
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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * Fax: 505-325-1211

Conoco Inc.

December 12, 2000

Apache #4

Page 1 of 3

1650' FSL & 990' FWL, Section 19, T-28-N, R-3-W
Rio Arriba County, NM
Jicarilla Contract No. 98, API No. 30-039-20243

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 24 sxs Class B cement inside the casing from 7366' to 7154' to isolate Gallup perms.

Plug #2 with 24 sxs Class B cement inside casing from 6785' to 6573' to cover Gallup top.

Plug #3 with 24 sxs Class B cement inside casing from 5561' to 5349' to cover Mesaverde top.

Plug #4a with 38 sxs Class B cement with 2% CaCl₂ inside casing from 3915' to 3579' to cover Pictured Cliffs and Fruitland tops.

Plug #4b with retainer at 3490', mix 47 sxs Class B cement, squeeze 30 sxs outside casing from 3540' to 3450' and leave 17 sxs inside casing to cover Kirtland and Ojo Alamo tops.

Plug #5 with retainer at 1330', mix 47 sxs Class B cement; squeeze 30 sxs outside casing from 1830' to 1280' and leave 17 sxs inside casing to cover Nacimiento top.

Plug #6 with 119 sxs Class B cement pumped down the 5-1/2" casing from 298' to surface, circulate 1 bbl good cement out bradenhead.

Plugging Summary:

Notified JAT on 12/1/00

12-01 Start to road rig to location; rig rear axle broke. Remove axle and MOL. SDFD.

12-04 JSA meeting. RU rig. Pressures: tubing and casing 190#. Blow casing down to 0# and tubing to 20#. Kill well with 30 bbls water down tubing. ND wellhead and NU BOP, test. Change over to 2-3/8" tubing. PU on tubing and work 5-1/2" packer free. Start to come out of hole and then let packer equalize for 20 minutes. Casing started to unload water and gas. Resumed pulling packer very slow, casing started to unload strong gas blow. Pump 40 bbls water down casing. Casing went on a vacuum. Attempt to continue pulling packer; stuck. Pump 20 bbls water down tubing and 35 more bbls water down casing. Casing pressured up to 500#. Bleed off casing and work packer. Unable to go down or up with the packer. Attempt to turn pipe to right and left. Torqued up and pulled 39,000# to 40,000# working packer; unable to free packer. Pulled up to 40,000# and shut in well. SDFD.

12-05 JSA meeting. Open up well and blow down 10# casing pressure. Attempt to work packer free pulling 50,000#, packer stuck. Continue to attempt to work packer free while waiting on wireline truck. Notified R. Bishop, Conoco. RU A-Plus wireline truck. RIH with a 1-13/16" gauge ring to 7525', unable to go deeper. Did not observe packer with CCL response. Assume packer is below SN per records. P. Hester with Albuquerque BLM, approved to cut tubing at 7500'. B. Hammond with JAT, approved to cut tubing.

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Rio Arriba County, NM

Jicarilla Contract No. 98, API No. 30-039-20243

Plug & Abandonment Report

Plugging Summary Continued:

- 12-05** Continued: RIH with 1-13/16" tubing cutter and jet cut tubing at 7507'. PU on tubing and worked it free. Started to TOH with tubing and observed the packer dragging still on the tubing because the casing is flowing with the pulling of each stand. TOH with 96 joints tubing, packer dragging. Pit full of water; wait on Dawn Trucking to empty pit. Continue to TOH with 73 joints tubing and then found the packer had been set at 4011'. Shut in well and SDFD.
- 12-06** JSA meeting. Well had 10# casing pressure. Continue to TOH with tubing, total 240 joints 2-3/8" EUE, total 7520'. Had 239 good joints tubing and one joint that had the attempted tubing cut; it broke while LD. RU A-Plus wireline truck and RIH with 5-1/2" gauge ring to 3810', unable to go deeper due to bad casing. The BLM requested a casing scraper run. Wait for a 5-1/2" casing scraper. TIH with 5-1/2" casing scraper and tag bad casing at 3810'. Attempt to work scraper down; unable to go deeper. TOH with tubing and LD scraper. B. Davis with BLM, approved procedure changes: not to set a CIBP, to combine plugs #1&2 and then for plug#3 to be only an inside plug. TIH with open ended tubing and attempt to get past 3810'. Only able to work tubing down 10'. PUH to 3200' and shut in well. Advise BLM of well conditions. SDFN.
- 12-07** JSA meeting. Open up well; no pressures. TOH and with tubing. RU A-Plus wireline truck. Run in 5-1/2" casing with a 2-1/16" gauge ring. Set down at 3818'. While waiting for a tapered mill from town, RIH with a 1-13/16" gauge ring. Set down at 3818'. PU a 3-7/8" tapered mill, bit sub and TIH with 2-3/8" tubing to 3737'. LD 6 joints in preparation to drill out tomorrow. PUH with mill to 3545'. Unload pit and power swivel on location. SDFD.
- 12-08** JSA meeting. Open up well, no pressure. TIH with 8 joints tubing and tag lightly at 3810'. LD tongs and PU power swivel. Rig up drilling equipment. PU 1 joint tubing with swivel and load hole with 75 bbls water. Wash down first 15' to 3825' easy circulating out sand and small rocks in return. Tagged hard at 3825'. Milled hard for 5' feet at parted casing or very poor condition casing. Fell through at 3830'. Continued to wash down for 8 more joints. Circulate hole clean at 4075' with returns of sand, rocks and small metal shavings. Continue to TIH with mill to 7366' where tagged bottom fill. Loaded well with 4 bbls of water then pumped 50 more bbls. B. Hammond with JAT approved procedure depth change. Plug #1 with 24 sxs Class B cement inside the casing from 7366' to 7154' to isolate Gallup perforations. PUH to 6220' with tubing. RD power swivel and pit.

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Plug & Abandonment Report

Plugging Summary Continued:

- 12-11** JSA meeting. No pressures. TIH with tubing; tag cement at 7123'. PUH to 6785' B. Davis with BLM required the following changes: increase plug #2 cement and WOC for 4 hours. Plug #2 with 24 sxs Class B cement inside casing from 6785' to 6573' to cover Gallup top. PUH and WOC. TIH with tubing and tag cement at 6560'. PUH to 5561'. Plug #3 with 24 sxs Class B cement inside casing from 5561' to 5349' to cover Mesaverde top. PUH to 4100' and WOC. Shut in well and SDFD.
- 12-12** JSA meeting. No pressure. TIH with tubing and tag cement at 5455'. PUH to 3915'. B. Davis with BLM, approved the following procedure changes. Plug #4a with 38 sxs Class B cement with 2% CaCl₂ inside casing from 3915' to 3579' to cover Pictured Cliffs and Fruitland tops. PUH to 3599' and reverse well clean with 35 bbls water, circulate out ½ bbl cement in returns. PUH to 2360' and WOC. TIH and tag cement at 3590'. Attempt to pressure test casing, leak 1-1/2 bpm at 350#. TOH with tubing and tapered mill. Shut in well and SDFD.
- 12-13** JSA meeting. B. Davis with BLM, approved the following procedure changes due to bad casing condition. Perforate 3 HSC squeeze holes at 3540'. TIH with tubing and set a 5-1/2" DHS cement retainer at 3490'. Pressure test tubing to 1000# for 5 min, held OK. Sting out of retainer and load casing with 6 bbls water. Pressure test casing to 500# for 5 min, held OK. Sting into retainer and establish rate into squeeze holes 1-1/2 bpm at 300#. Plug #4b with retainer at 3490', mix 47 sxs Class B cement, squeeze 30 sxs outside casing from 3540' to 3450' and leave 17 sxs inside casing to cover Kirtland and Ojo Alamo tops. TOH with tubing. Perforate 3 HSC squeeze holes at 1380'. Set 5-1/2" PlugWell wireline retainer at 1330'. TIH and sting into retainer, then sting out. Load casing with 6 bbls water and sting into retainer. Establish rate into squeeze holes 2 bpm at 300#. Plug#5 with retainer at 1330', mix 47 sxs Class B cement; squeeze 30 sxs outside casing from 1830' to 1280' and leave 17 sxs inside casing to cover Nacimiento top. TOH and LD tubing.
- 12-14** JSA meeting. No pressure. Perforate 3 HSC squeeze holes at 298'. Establish circulation out bradenhead with 17 bbls at 1000#. Plug #6 with 119 sxs Class B cement pumped down the 5-1/2" casing from 298' to surface, circulate 1 bbl good cement out bradenhead. Shut in well and WOC. Partially RD and ND BOP. Dig out wellhead and then had to chip out old cement. Write hot work permit and then cut off wellhead. Found cement down 6' in 5-1/2" casing and down 12' in annulus. Mix 12 sxs Class B cement and install P&A marker. RD rig and MOL.
- B. Hammond, JAT, was on location.
- S. McFadden and J. Valdez, Conoco, were on location 12/8/00 and 12/14/00.