

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals		5. LEASE DESIGNATION AND SERIAL NO. NM 015150																				
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DRY HOLE		7. IF UNIT OR CA, AGREEMENT DESIGNATION STOVE CANYON																				
2. NAME OF OPERATOR CONOCO INC.		8. WELL NAME AND NO. STOVE CANYON #1																				
3. ADDRESS AND TELEPHONE NO. 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424		9. API WELL NO. 30-045-29480																				
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1940' FSL & 1320' FWL, UNIT LETTER 'K', SEC 01, T-27-N, R-08-W		10. FIELD AND POOL, OR EXPLORATORY AREA PENN/MISS WILDCAT																				
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		11. COUNTY OR PARISH, STATE SAN JUAN COUNTY, NM																				
<table border="1"><thead><tr><th>TYPE OF SUBMISSION</th><th>TYPE OF ACTION</th></tr></thead><tbody><tr><td><input type="checkbox"/> Notice of Intent</td><td><input checked="" type="checkbox"/> Abandonment</td><td><input type="checkbox"/> Change of Plans</td></tr><tr><td><input checked="" type="checkbox"/> Subsequent Report</td><td><input type="checkbox"/> Recompletion</td><td><input type="checkbox"/> New Construction</td></tr><tr><td><input type="checkbox"/> Final Abandonment Notice</td><td><input type="checkbox"/> Plugging Back</td><td><input type="checkbox"/> Non-Routine Fracturing</td></tr><tr><td></td><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Water Shut-Off</td></tr><tr><td></td><td><input type="checkbox"/> Altering Casing</td><td><input type="checkbox"/> Conversion to Injection</td></tr><tr><td></td><td><input type="checkbox"/> Other: _____</td><td><input type="checkbox"/> Dispose Water</td></tr></tbody></table>		TYPE OF SUBMISSION	TYPE OF ACTION	<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing		<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off		<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection		<input type="checkbox"/> Other: _____	<input type="checkbox"/> Dispose Water	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)
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13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) CONOCO PLUGGED AND ABANDONED THIS WELL ON OCTOBER 6, 1998 PER THE ATTACHED REPORT. <div style="text-align: center;">RECEIVED NOV - 9 1998 OIL CON. DIV. DIST. 3</div>																						
14. I hereby certify that the foregoing is true and correct																						
SIGNED <u>Sylvia Johnson</u> TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>10/27/98</u>																						
(This space for Federal or State office use)																						
APPROVED BY _____ TITLE _____ DATE _____																						
Conditions of approval, if any: ACC JRD																						
Title 18 U.S.C. Section 1001, makes 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.																						

* See Instruction on Reverse Side

NMOC

FARMINGTON DISTRICT OFFICE

Conoco Inc

Stove Canyon #1

1940' FSL and 1320' FWL, Sec. 1, T-27-N, R-8-W

San Juan County, NM

NM-015150

RECEIVED 11/13/98

OFFICE OF THE ATTORNEY GENERAL

Plug & Abandonment Report

Page 1 of 3

Cementing Summary:

Plug #1 with 54 sxs Class B cement inside 9-5/8" casing from 6351' to 6248' to cover Gallup top.

Plug #2 with 53 sxs Class B cement from 4811' to 47120' inside 9-5/3" to cover Mesaverde top.

Plug #3 with 56 sxs Class B cement inside 9-5/8" casing from 4097' to 3990' to isolate the Chacra formation; displace with mud.

Plug #4 with retainer at 3347', mix 110 sxs Class B cement, squeeze 58 sxs outside 9-5/8" casing from 3400' to 3300' and leave 52 sxs inside at 3250' to cover the 13-3/8" casing shoe.

Plug #5 with retainer at 3097', mix 218 sxs Class B cement with 2% SMA (2.06 cf/sx, 12.5 ppg), squeeze 192 sxs outside 9-5/8" casing from 3145' to 2130' into 13-3/8" annulus covering PC, Ft and OA tops; and leave 16 sxs inside casing above CR to 3045' to isolate Pictured Cliffs top, displace with mud.

Plug #6 with 30 sxs Class B cement with 2% SMA inside 9-5/8" casing from 2854' to 2754' to cover Fruitland top.

Plug #7 with 30 sxs Class B cement with 2% SMA inside 9-5/8" casing from 2414' to 2264' to cover Kirtland top.

Plug #7b with 64 sxs Class B cement inside 9-5/8" casing from 2267' to 2130' to cover Ojo Alamo top.

Plug #8 with tubing at 1183', spot 98 sxs Class B cement inside 9-5/8" casing; then squeeze 46 sxs outside 9-5/8" casing into 13-3/8" annulus from 1290' to 1190' and leave 52 sxs inside casing to cover Nacimiento top.

Plug #9 with tubing at 245', spot 98 sxs Class B cement; then squeeze 42 sxs outside 9-5/8" casing from 348' to 248' into 13-3/8" annulus and leave 52 sxs inside casing to cover 20" casing shoe at 298'.

Plug #10 with 67 sxs Class B cement from 90' to surface, circulate good cement out 13-3/8" casing.

Plugging Summary:

Notified BLM 9/24/98

9-23-98 Start to road rig and equipment to location, approximately 30 minutes from location by Lowry Camp roads started getting bad. Leave rig at camp and move onto location in am. SDFD.

9-24-98 Safety Meeting. Road rig to location, RU. ND wellhead and NU BOP, test. Found cellar full of water; had to pump it out. Shut in well and SDFD.

9-25-98 Safety Meeting. Open up wellhead, no pressure. Place boards over cellar. PU and RIH with tubing, found well bore full of mud. Continue in hole with 147 joints 2-3/8" tubing and tag hard at 6934'; note cement top reported to be at 7280'. BLM approved PBTD. POH and LD tubing to 6351'. RU pump truck and connect line to 2-7/8" tubing. Attempt to pressure test 9-5/8" casing, leaks, circulates out 13-3/8" casing valve. Connect pump line to 9-5/8" casing valve and observed immediate circulation out 13-3/8" casing valve. Appears communication is at surface and 9-5/8" casing may have fallen out of casing slips. Shut in well and wait on orders from BLM. SDFD.

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Plugging Summary Continued:

- 9-28-99 Safety Meeting. BLM requiring all plugs to be tagged due to 9-5/8" casing problem. Open up well. Load casing with water and establish circulation. Plug #1 with 54 sxs Class B cement inside 9-5/8" casing from 6351' to 6248' to cover Gallup top. Displace with mud circulated from well. POH and LD 6 joints tubing while standing back 20 joints, pulled OK. WOC. RIH and tag cement at 6202', soft tag then PUH to 5612'. Started pulling wet. RU pump truck and attempt to clear tubing. POH with wet tubing, 600' tubing plugged with cement, LD bad joints. RIH with tubing and plugging sub to 4811'. Plug #2 with 53 sxs Class B cement from 4811' to 47120' inside 9-5/8" casing to cover Mesaverde top. PUH to 4600'. Tubing starting to plug, clean with 3 bbls mud. POH to 4100' and reverse circulate tubing clear with 25 bbls mud. Shut in well and SDFD.
- 9-29-99 Safety Meeting. Open up well. RIH and tag cement at 4687'. PUH to 4097'. Plug #3 with 56 sxs Class B cement inside 9-5/8" casing from 4097' to 3990' to isolate the Chacra formation; displace with mud. PUH to 3850' and reverse circulate tubing clear; slight show of cement. POH with tubing. WOC. RU A-Plus wireline truck; tag cement at 3930'. Perforate 6 HSC squeeze holes at 3400'. Set 9-5/8" DHS cement retainer at 3347'; while TIH hole retainer tried to float because of heavy mud. Attempt to establish rate, valve leaking in cellar. Pump out cellar to be able to repair valve. Establish rate into squeeze holes 1 bpm at 1800#. Plug #4 with retainer at 3347', mix 110 sxs Class B cement, squeeze 58 sxs outside 9-5/8" casing from 3400' to 3300' and leave 52 sxs inside casing at 3250' to cover the 13-3/8" casing shoe. PUH with tubing; remove bad hydraulic pump from rig. Shut in well and SDFD.
- 9-30-98 Company Safety Meeting. Wait on hydraulic pump; repair rig. Finish TOH with tubing. RU A-Plus wireline truck. Perforate 6 HSC squeeze holes at 3145'. TIH with tubing and set 9-5/8" DHS cement retainer at 3097'. Shut in well, SDFD.
- 10-1-98 Safety Meeting. Establish rate into squeeze holes with 40 bbls water at 1000# until circulation established out 13-3/8" casing valve. Plug #5 with retainer at 3097', mix 218 sxs Class B cement with 2% SMA (2.06 cf/sx, 12.5 ppg), squeeze 192 sxs outside 9-5/8" casing from 3145' to 2130' into 13-3/8" annulus covering PC, Ft and OA tops; and leave 16 sxs inside casing above CR to 3045' to isolate Pictured Cliffs top, displace with mud. Plug #6 with 30 sxs Class B cement with 2% SMA inside 9-5/8" casing from 2854' to 2754' to cover Fruitland top. Plug #7 with 30 sxs Class B cement with 2% SMA inside 9-5/8" casing from 2414' to 2264' to cover Kirtland top. PUH to 2101' and reverse circulate tubing clean. Will complete plug #7 in morning to cover Ojo Alamo. Shut in well and SDFD.

Plugging Summary Continued:

- 10-2-99 Safety Meeting. RIH and tag cement at 2267'. Pressure test casing to 500#, held OK. Plug #7b with 64 sxs Class B cement inside 9-5/8" casing from 2267' to 2130' to cover Ojo Alamo top. POH. RU A-Plus wireline truck. Perforate 6 HSC squeeze holes at 1290'. Establish circulation to surface out 13-3/8" casing valve. TIH with tubing to 1183'. Plug #8 with tubing at 1183', spot 98 sxs Class B cement inside 9-5/8" casing; then squeeze 46 sxs outside 9-5/8" casing into 13-3/8" annulus from 1290' to 1190' and leave 52 sxs inside casing to cover Nacimiento top. TOH with tubing. Perforate 6 HSC squeeze holes at 348'. TIH with tubing to 245'. Plug #9 with tubing at 245', spot 98 sxs Class B cement; then squeeze 42 sxs outside 9-5/8" casing from 348' to 248' into 13-3/8" annulus and leave 52 sxs inside casing to cover 20" casing shoe at 298'. POH and LD tubing. Perforate 4 HSC squeeze holes at 90'. Establish circulation down 9-5/8" and out 13-3/8" casing. Plug #10 with 67 sxs Class B cement from 90' to surface, circulate good cement out 13-3/8" casing. Shut in well and WOC. Shut in well and SDFD.
- 10-6-99 Safety Meeting. Open up wellhead, found cement at surface in 9-5/8" casing. Check LEL 0% and oxygen 21% in cellar. RD wellhead, some bolts required cutting due to rust from water in cellar. LEL 0%. Continue RD of wellhead. Remove 9-5/8" tubing hanger, 9-5/8" casing hanger and cut off casing hanger from inside. TOC on 13-3/8" casing at surface. Cutoff flange bolts to 13-3/8" casing hanger and remove top. Set P&A marker by welding 6' marker to 13-3/8" casing. RD rig and equipment. Prepare to move off location. J. Sanchez, BLM representative was on location.