

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-039-20683

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E 2825-6

7. Lease Name or Unit Agreement Name

SAN JUAN 28-7 UNIT

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

CONOCO, INC.

8. Well No.

171

3. Address of Operator P.O. BOX 2197 WL3 3044HOUSTONTX77252

9. Pool name or Wildcat

BLANCO PC SOUTH

4. Well Location

Unit Letter I : 1570 feet from the SOUTH line and 1150 feet from the EAST line

Section 16

Township 27N

Range 7W

NMPM

County RIO ARRIBA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☒

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

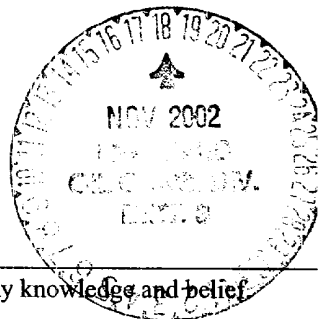
PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

Conoco proposes to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.



I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE

Deborah Marberry

TITLE REGULATORY ANALYST

DATE 11/12/2002

Type or print name DEBORAH MARBERRY

Telephone No. (832)486-2326

(This space for State use)

ORIGINAL SIGNED BY CHARLIE T. PERREN

DEPUTY OIL & GAS INSPECTOR, DIST. #1

APPROVED BY

TITLE

DATE

OCT 18 2002

Conditions of approval, if any:

San Juan 28-7 Unit #171

Current

South Blanco Pictured Cliffs/Undesignated Chacra
SE, Section 16, T-27-N, R-7-W, Rio Arriba County, NM
Long: N 36° 34.13' / Lat: W 107° 34.29'
API #30-039-20683

Today's Date: 8/29/02

Spud: 9/22/73

Comp: 2/14/74

Elevation: 6615' GL
6625' KB

Nacimiento @ 340'

13-3/4" hole

Ojo Alamo @ 2200'

Kirtland @ 2410'

Fruitland @ 2820'

Pictured Cliffs @ 3055'

8-3/4" Hole to 3237'

Chacra @ 4052'

7-7/8" & 6-3/4" Hole

TD 4129'

9-5/8" 32.3#, H-40 Casing set @ 125'
Cement with 142 cf, Circulated to Surface

WELL HISTORY

Apr '78: Land 1-1/4" IJ tubing in Chacra casing at 4029' with packer set at 3931'. Possible casing leak at unknown depth.

Oct '79: Land 1-1/4" tubing and a packer at 3037' to isolate a casing leak. Fill annulus with Bariod packer fluid.

Oct '81: P&A Chacra zone with 32 cf cement filling perforations and covering through PC top. TOC by tagging not reported.

TOC @ 2150' (T.S.)

PC 1-1/4" Tubing at 3037'
(with packer and packer fluid)

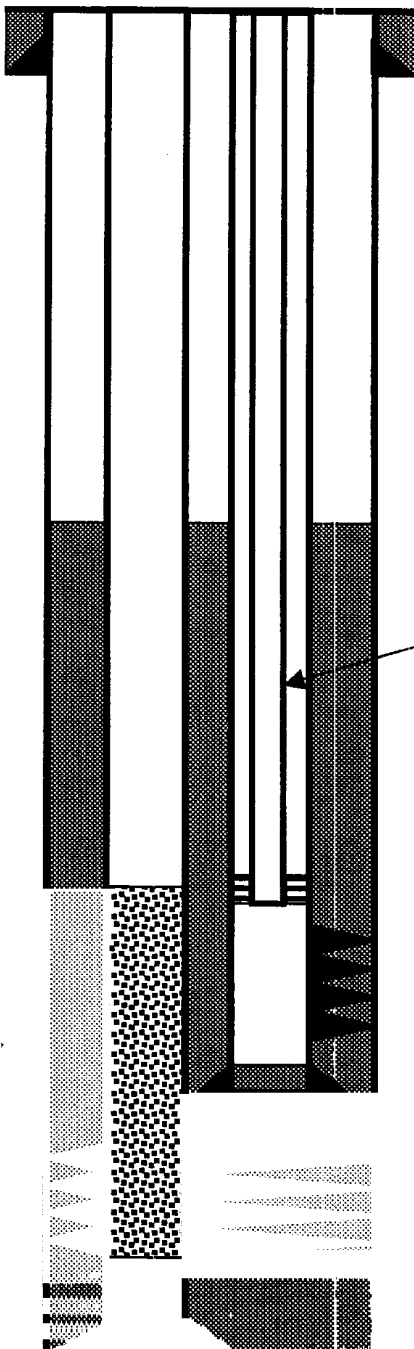
Packer set at 3037' (1979)

Pictured Cliffs Perforations:
3086' – 3162'

2-7/8" PC 6.4#, J-55 Casing set @ 3237'
Cemented with 567 cf

Chacra Perforations:
4052' – 4062'
Plugged with 32 cf cement 1981

2-7/8" Chacra 6.4#, J-55 Casing set @ 4129'
Cemented with 405 cf



San Juan 28-7 Unit #171

Proposed P&A

South Blanco Pictured Cliffs/Undesignated Chacra
SE, Section 16, T-27-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/29/02

Long: N 36° 34.13' / Lat: W 107° 34.29'

Spud: 9/22/73

API #30-039-20683

Comp: 2/14/74

Elevation: 6615' GL
6625' KB

13-3/4" hole

Ch Plug #6 175' – Surface
Cement with 10 sxs

Nacimiento @ 340'

Ch Plug #5 390' – 290'
Cement with 10 sxs inside

Ch Plug #4 3105' – 2150'
Cement with 30 sxs,
(2 stages)

Ojo Alamo @ 2200'

Kirtland @ 2410'

Fruitland @ 2820'

Pictured Cliffs @ 3055'

8-3/4" Hole to 3237'

Chacra @ 4052'

7-7/8" & 6-3/4" Hole

9-5/8" 32.3#, H-40 Casing set @ 125'
Cement with 142 cf, Circulated to Surface

Perforate at 175' **PC Plug #3 175' – Surface**
Cement with 55 sxs

Perforate at 390' **PC Plug #2 390' – 290'**
Cement with 65 sxs, 56
outside and 9 inside.

TOC @ 2150' (T.S.)

PC Plug #1 3036' – 2150'
Cement with 30 sxs
(2 stages, extra due to leak)

Set CIBP @ 3036'

Pictured Cliffs Perforations:
3086' – 3162'

2-7/8" PC 6.4#, J-55 Casing set @ 3237'
Cemented with 567 cf

Chacra Perforations:
4052' – 4062'
Plugged with 32 cf cement 1981

2-7/8" Chacra 6.4#, J-55 Casing set @ 4129'
Cemented with 405 cf

TD 4129'

PLUG AND ABANDONMENT PROCEDURE

8/29/02

San Juan 28-7 Unit #171

South Blanco Pictured Cliffs / Undesignated Chacra
1570' FSL 1150' FEL, Section 16, T27N, R7W
Rio Arriba County, New Mexico, API #30-039-20683
Long: N 36° 34.13' / Lat: 107° 34.29'

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Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Lay relief lines for Chacra and PC casing and blow down well; kill casings with water as necessary.
2. Rig up wire line unit on Chacra casing. RIH with a 2-7/8" gauge ring and tag the existing cement plug covering the Chacra perforations. Load the casing with water and attempt to pressure test to 500#. Shut in Chacra casing and RD wireline unit.
3. ND Pictured Cliffs wellhead and NU BOP on PC 2-7/8" casing. PU on PC tubing and release packer. Pump down the tubing and attempt to circulate out the packer fluid. TOH and LD packer.
4. **Plug #1 in PC casing (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3036' – 2150')**: RIH with a wireline gauge ring and tag bottom. If tag is above the top PC perforation at 3086', then TIH with tubing and establish circulation to surface, do not set a CIBP. If the tag is below 3086', then RIH and set wireline 2-7/8" CIBP at 3036'. TIH with then 1-1/4" IJ tubing to tag or CIBP. Circulate the well clean and attempt to pressure test the casing to 500#. Mix 30 sxs cement and spot a balance plug in two stages to isolate the PC perforations. If the casing did not test, then tag the plug as appropriate. Pressure test casing.
5. **Plug #2 in PC (Nacimiento top, 390' – 290')**: Perforate 3 bi-wire squeeze holes at 390'. If the casing pressure tested after plug #1, then establish rate into squeeze holes. Mix 65 sxs cement and pump down the PC 2-7/8" casing, squeeze 56 sxs outside casing and leave 9 sxs inside to cover Nacimiento top, displace to 200'. Shut well in and WOC. RIH and tag cement. If the casing leaks before perforating, then use a wireline cement retainer at 340'.
6. **Plug #3 PC casing (Surface casing shoe, 175' – Surface)**: Perforate 2 bi-wire squeeze holes at 175'. Establish circulation to surface with water. Mix approximately 55 sxs cement and pump down the PC 2-7/8" casing, circulate good cement to surface. Shut well in and WOC. ND BOP on PC casing and install it on the Chacra casing.

PLUG AND ABANDONMENT PROCEDURE

8/29/02

San Juan 28-7 Unit #171

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Continued:

7. **Plug #4 Chacra casing (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3105' – 2150')**: TIH with 1-1/4" IJ tubing to 3105' or to the existing plug covering the Chacra perforation. Load the casing with water and circulate the well clean. Attempt to pressure test the casing to 500#. If the casing does not hold then, tag the subsequent plugs as appropriate. Mix 30 sxs cement and spot a balance plug in two stages to cover the PC top through the Ojo Alamo. PUH to 390'.
8. **Plug #5 Chacra casing (Nacimiento top, 390' – 290')**: Mix 10 sxs cement and spot a balanced plug to cover the Nacimiento top. PUH to 175'. .
9. **Plug #6 Chacra casing (Surface casing shoe, 175' – Surface)**: Mix 10 sxs cement and spot a balanced plug to fill the Chacra casing from 175' to surface. TOH and LD the tubing.
10. ND BOP and cut off casings below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.