

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.

RECEIVED

JUL 16 AM 10:37

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCOPHILLIPS CO.

3a. Address

P.O. BOX 2197 WL3 4061 HOUSTON TX 77252

3b. Phone No. (include area code)

(832)486-2326

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

L, 2310' FSL & 1228' FWL

SEC.29, T 31N, R6W

5. Lease Serial No.

NMSF 078995

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

SAN JUAN 31-6 UNIT # 234

9. API Well No.

30-039-24885

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL FT. SD

11. County or Parish, State

RIO ARRIBA
NEW MEXICO

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 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 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 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.)

REFERENCE:

NMSF 078995 (WC)

3162.3-4 (7100)

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

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

07/15/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUL 17 2003

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, 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.

(Instructions on reverse)

NMOCD

PLUG AND ABANDONMENT PROCEDURE

July 3, 2003

San Juan 31-6 Unit #234

Wildcat Fruitland Sand PC
2310' FSL and 1228' FWL, Section 29, T31N, R6W
Rio Arriba County, New Mexico
Lat: N 36.869° / Long: W 107.490°

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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 rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. MOL and RU daylight pulling unit. Conduct JSA meeting for all personnel on location. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH visually inspecting and tallying 2-3/8" tubing (total 3316'). If necessary PU workstring.
3. **Plug #1 (Fruitland sand / PC perforations, and Fruitland top and 4-1/2" liner top, 3350' - 2971')**: TIH and tag existing 4-1/2" CIBP at 3350'. Load casing with water and attempt to circulate well clean. Mix 43 sxs cement and spot balanced plug inside 4-1/2" and 7" casings to isolate Fruitland Sand / PC perforations and to cover the 7" casing shoe, 4-1/2" liner top and Fruitland top. PUH to 2650'.
4. **Plug #2 (Kirtland, Ojo Alamo and Nacimiento perforations, 2650' - 2148')**: Mix 124 sxs cement (20% excess, long plug) and spot a balanced plug inside casing to cover the Kirtland top, fill the Ojo Alamo and Nacimiento perforations. PUH with tubing and WOC. TOH and tag cement. PUH to 1310'.
5. **Plug #3 (Nacimiento top, 1310' - 1210')**: Mix 19 sxs cement and spot inside the 7" casing to cover Nacimiento top. PUH to 335.
6. **Plug #4 (9-5/8" Surface casing, 335' - Surface)**: Attempt to pressure test the bradenhead annulus to 300#. If it tests, then establish circulation out casing valve with water. Spot approximately 63 sxs cement from 335' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then TOH and LD tubing. Perforate at appropriate depth and cement to surface per BLM requirements, circulate good cement out bradenhead.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

San Juan 31-6 Unit #234

Proposed P&A

OA & Nacimiento Test

2310' FSL, 1228' FWL, Section 29, T-31-N, R-6-W

Rio Arriba County, NM, API #30-039-24885

Lat: N 36.869° / Long: W 107.490°

Today's Date: 7/3/03
Spud: 10/7/90
FtC Comp: 6/20/91
Ft Sd PC Comp: 8/31/95
Elevation: GL 6524'

12-1/4" Hole

Nacimiento @ 1260'

Ojo Alamo @ 2484'

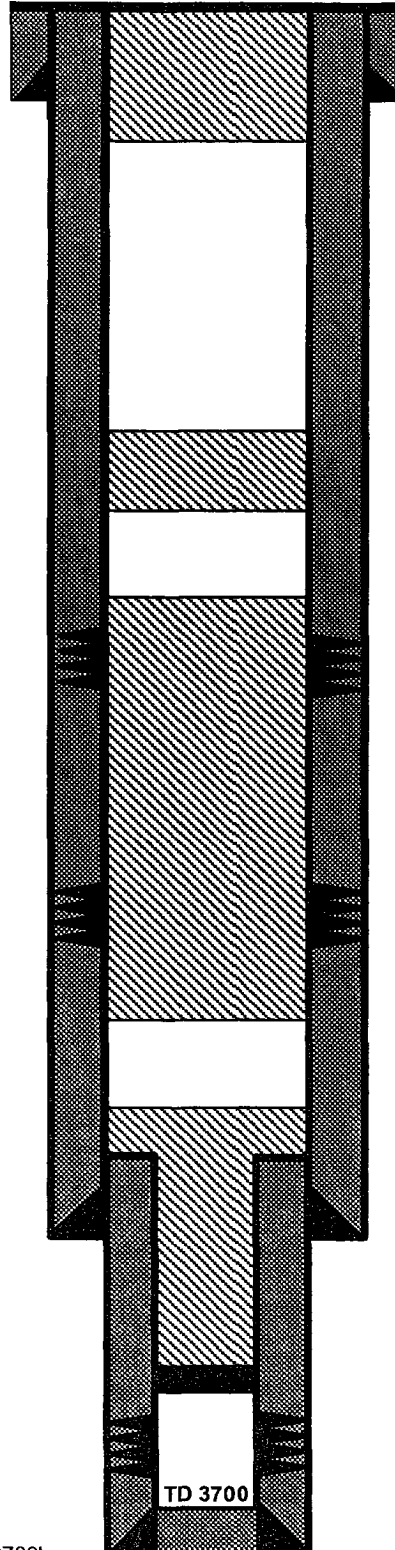
Kirtland @ 2600'

Fruitland @ 3025'

8-3/4" Hole to 3164'

Pictured Cliffs @ 3384'

6-1/4" Hole to 3700'



Circulated Cement to Surface

9-5/8" 36# K-55 Casing set @ 285'
250 sxs cement circulated 104 sxs to surface

Plug #4: 335' - Surface
Cement with 63 sxs

Plug #3: 1310' - 1210'
Cement with 28 sxs

Nacimiento Perforations:
2248' - 2256' (2002)

Plug #2: 2650' - 2148'
Cement with 124 sxs

Ojo Alamo Perforations:
2496' - 2524' (2002)

Plug #1: 3350' - 2971'
Cement with 43 sxs

4-1/2" Liner Top @ 3021'
Ran CBL, sqz liner top with additional 50 sxs
cement (58 cf) TOC @ Liner top

7" 23# J-55 Casing @ 3164'
Cemented with 650 sxs (1327 cf),
Circulated 145 sxs cement.

CIBP @ 3350' (1998)

Fruitland Sand / PC Perforations:
3390' - 3574' (1995)

4-1/2" 11.6# J-55 Liner Set @ 3700' (1995)
Cemented with 150 sxs (174 cf)

San Juan 31-6 Unit #234 Current

OA & Nacimiento Test

2310' FSL, 1228' FWL, Section 29, T-31-N, R-6-W

Rio Arriba County, NM, API #30-039-24885

Lat: N 36.869° / Long: W 107.490°

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12-1/4" Hole

Nacimiento @ 1260'

Ojo Alamo @ 2484'

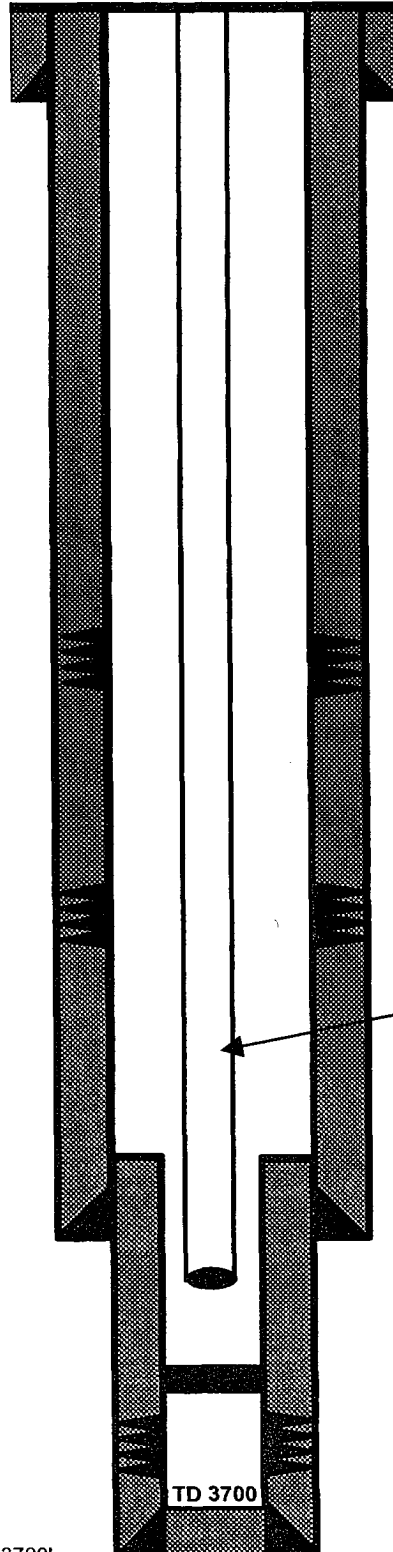
Kirtland @ 2600'

Fruitland @ 3025'

8-3/4" Hole to 3164'

Pictured Cliffs @ 3384'

6-1/4" Hole to 3700'



Circulated Cement to Surface

9-5/8" 36# K-55 Casing set @ 285'
250 sxs cement circulated 104 sxs to surface

WELL HISTORY

Jun '91: Completed well in Fruitland Coals.

Aug '95: Re-complete well in Fruitland Sand PC Fm. Drill out to 3700'. Cemented 4-1/2" liner at 3700' with 150 sxs, ran CBL, squeeze liner top with 50 sxs cement. Perf and frac well in Fruitland Sand / PC zones.

Nov '98: TA Well: Set 4-1/2" CIBP at 3350'. Load annulus with corrosion inhibitor. PT casing.

Aug '02: Test OA & Nacim.: Perforate Ojo Alamo 2524' - 2496', acidize, swab, no gas. Set 7" RBP at 2350'. Perforate Nacimiento 2256' - 2248', acidize, swab perfs, well would blow briefly with trace of gas. Land tubing.

Nacimiento Perforations:
2248' - 2256' (2002)

Ojo Alamo Perforations:
2496' - 2524' (2002)

2-3/8" 4.7# tubing @ 3316'

4-1/2" Liner Top @ 3021'
Ran CBL, sqz liner top with additional 50 sxs cement (58 cf) TOC @ Liner top

7" 23# J-55 Casing @ 3164'
Cemented with 650 sxs (1327 cf),
Circulated 145 sxs cement.

CIBP @ 3350' (1998)

Fruitland Sand / PC Perforations:
3390' - 3574' (1995)

4-1/2" 11.6# J-55 Liner Set @ 3700' (1995)
Cemented with 150 sxs (174 cf)