

Submit 3 Copies To: Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-045-33548
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-503-13	
7. Lease Name or Unit Agreement Name SAN JUAN 32-7 UNIT	
8. Well Number	2A
9. OGRID Number	217817
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota	

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator ConocoPhillips Company	
3. Address of Operator PO BOX 4289 Farmington, NM 87499	
4. Well Location Unit Letter <u>H</u> : 1940 feet from the <u>NORTH</u> line and <u>735</u> feet from the <u>EAST</u> line Section <u>32</u> Township <u>32N</u> Range <u>7W</u> NMPM County <u>SAN JUAN</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6642	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. 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 COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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

ConocoPhillips proposes to permanently abandon this well as per the attached procedure.

RCVD APR17'07
OIL CONS. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Juanita Farrell TITLE Regulatory Specialist DATE 04/16/2007
Type or print name Juanita Farrell E-mail address: juanita.r.farrell@conocophillips.com Telephone No. (505)326-9597
For State Use Only
APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE 5/1/07
Conditions of Approval (if any):

PLUG AND ABANDONMENT PROCEDURE
San Juan 32-7 Unit #2A

04/14/07

33548
API #30-045-~~07145~~

1940' FNL & 735' FEL, Section 32, T32N, R7W, San Juan County, New Mexico
Lat: 36.940008° N / Long: 107.58369° W

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. Cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. This project will use the existing reserve pit for waste fluid holding.
2. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Pick up a 2.375" tubing workstring and TIH. Tag existing cement retainer at 3487'.
4. **Plug #1 (Pictured Cliffs and Fruitland tops, 3487' – 3030')**: Establish circulation to surface and circulate well clean. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 88 sxs cement and spot a balanced plug to cover the Pictured Cliffs and Fruitland tops. TOH with the tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 2545' – 2335')**: Perforate 3 squeeze holes at 2545'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 2495'. Establish rate into squeeze holes. Mix and pump 93 sxs cement, squeeze 48 sxs outside the 7" casing and leave 45 sxs inside the casing. TOH with tubing.
6. **Plug #3 (Nacimiento top, 1095' – 995')**: Perforate 3 squeeze holes at 1095'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 1045'. Establish rate into squeeze holes. Mix and pump 49 sxs cement, squeeze 23 sxs outside the 7" casing and leave 26 sxs inside the casing. TOH and LD tubing.
7. **Plug #4 (9.625" Casing shoe and surface, 285' – Surface)**: Perforate 3 squeeze holes at 285'. Establish circulation out bradenhead with water. Circulate the BH annulus clean. Mix and pump approximately 110 sxs cement down 7" casing to circulate good cement out the bradenhead. Shut in the well and WOC.
8. 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.

Recommended:


Drilling Engineer

Approved:


Drilling Superintendent

Engineer

Office - (326-9571)
Cell - (215-4778)

Sundry Required: YES

Approved: _____

Lease Operator:
Specialist:
Foreman:

Cell: 320-	Pager: 324-
Cell: 320-	Pager: 326-
Office: 326-	Pager: 326-

San Juan 32-7 Unit #2A

Current

API #30-045-33548

1940' FNL & 735' FEL, Section 32, T-32-N, R-7-W, San Juan County, NM

Lat: N 36.940008° / Long: W 107.58369°

Today's Date: 4/14/07

Spud: March 2007

Completed: None

Elevation: 6642' GL
6655' KB

Nacimiento @ 1045'

Ojo Alamo @ 2385'

Kirtland @ 2495'

Squeeze holes @ 3080';
6.25 bbls (35 cf) cement
into the annulus; TOC at
2900'; re-squeeze with
0.69 bbls (4 cf) in annulus.

Fruitland @ 3155'

TOC at 3268' (CBL)

Pictured Cliffs @ 3425'

8.75" Hole

Chacra @ 4755'

Whipstock set on CR @ 3559' and
window cut in 7" casing from 3547' to
3555'. Mud drilled to 7438', then drill
pipe stuck; fished down to 5290'.

Mesaverde @ 5214'

Gallup @ 7180'

9.625" 32.3# H-40 Casing set @ 235'
Cement with 242 cf, circulated to surface

Well History:

April '07: While cementing the 7" casing the plug left the head early and was followed by the cement. Then the drill pipe was run to circulate out the cement out of the 7" casing; then the casing shoe was drilled out. This backed off the casing at 3570' and it fell 10'. A CR was set at 3559' and 240 sxs were squeezed to fill the shoe and annulus. TOC was found at 3268' by CBL. Then the 7" casing was perforated at 3080' and 6.25 bbls cement (35 cf) were squeezed into the annulus. No PT, so re-squeezed with 25 sxs cement. Then a whipstock was set on the CR at 3559' and a window was cut from 3547' to 3555' in the 7" casing. Then a 6.25" hole was drilled to 7438'. Drill pipe was stuck and then fished down to 5290'. Decided to P&A well. Three cement plugs set and a CIBP at 3487'.

CIBP set @ 3487'

Cement Plug: 3609' – 3509'
with 35 sxs (37.4 cf) [4-12-07]

7" 20#, J-55 Casing set @ 3785'
Primary cement job failed;
Set CR @ 3559'; squeezed shoe
with 240 sxs; Ran CBL and found
TOC at 3268'

Cement Plug: 3725' – 3625'
with 40 sxs (46.8 cf) [4-12-07]

Cement Plug: 5290' – 5190'
with 40 sxs (46.8 cf) [4-12-07]

Drill string from 5290' to 7414'

Drill string became stuck with bit at 7414';
recovered drill pipe down to 5290';
decided to plug well.

6.25" Hole

TD 7438'
PBD 3487'

San Juan 32-7 Unit #2A

Proposed P&A

API #30-045-33548

1940' FNL & 735' FEL, Section 32, T-32-N, R-7-W, San Juan County, NM

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Pictured Cliffs @ 3425'
TOC at 3268' (CBL)

Chacra @ 4755'

Mesaverde @ 5214'

Gallup @ 7180'

