

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

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

Form C-103
May 27, 2004

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.)		WELL API NO. 30-045-10154
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CONOCOPHILLIPS CO.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 2197 WL3 6108 HOUSTON, TX 77252		7. Lease Name or Unit Agreement Name STATE COM I
4. Well Location Unit Letter <u>H</u> : <u>1650</u> feet from the <u>NORTH</u> line and <u>990</u> feet from the <u>EAST</u> line Section <u>36</u> Township <u>31N</u> Range <u>9W</u> NMPM County <u>SAN JUAN</u>		8. Well Number <u>5</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 217817
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat BLANCO MESAVERDE
Pit type <u>workover</u> Depth to Groundwater <u>>100</u> Distance from nearest fresh water well <u>>1000</u> Distance from nearest surface water <u>>1000</u>		
Pit Liner Thickness: <u>12</u> 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 was unsuccessful at repairing the casing in this well therefore we request approval to plug and abandon this well as per the attached procedure. Also attached is a current wellbore schematic and proposed wellbore schematic.

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 NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 05/04/2005

Type or print name DEBORAH MARBERRY
For State Use Only

E-mail address: deborah.marberry@conocophillips.com Telephone No. (832)486-2326

APPROVED BY: Charles R. [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE MAY - 9 2005

Conditions of Approval (if any):

PLUG AND ABANDONMENT PROCEDURE

April 29, 2005

State Com I #5

Blanco Mesaverde

1650' FNL & 990' FEL, Section 36, T31N, R9W
San Juan County, New Mexico, API 30-045-10154
Lat: N 36° 51' 25.6644" / Long: W 107° 43' 34.266"

Field Review – Kelly Kolb – 5/2/05

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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. 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.
2. TOH and tally 2.375" tubing and inspect. Total tally 5085'. If necessary LD tubing and PU workstring. Note: Call Baker Tools for stinger for 5" Baker retainer in well.
3. **Plug #1 (Mesaverde perforations, 7" casing shoe and 5" liner top, 5085' – 4850')**: TIH with open ended tubing and tag existing Baker 5" cement retainer (set in 2005) at 5085'. Load casing with water and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 33 sxs Type III cement and set a balanced plug above retainer to cover the Mesaverde perforations through the 5" liner top. PUH to 4335'.
4. **Plug #2 (Chacra top, 4335' – 4235')**: Mix 26 sxs Type III cement and spot balanced plug inside casing to cover the Chacra top. PUH to 3386'.
5. **Plug #3 (Pictured Cliffs and Fruitland tops, 3386' – 2936')**: Mix 86 sxs Type III cement and spot balanced plug inside casing to cover through the Fruitland top. PUH to 2445'.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 2445' – 2228')**: Mix 46 sxs Type III cement and spot balanced plug inside casing to cover through the Ojo Alamo top. TOH with tubing.
7. **Plug #5 (Nacimiento top, 990' – 890')**: Perforate 3 squeeze holes at 990'. Attempt to establish rate into squeeze holes if the casing pressure tested prior to perforating. Set 7" cement retainer at 940'. Establish rate into squeeze holes. Mix and pump 53 sxs cement, squeeze 27 sxs outside the casing and leave 26 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
8. **Plug #6 (10.750" Surface casing, 274' - Surface)**: Perforate 3 squeeze holes at 274'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 110 sxs cement down the 7" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
9. 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.

State Com I #5 Proposed P&A

Blanco Mesaverde

1650' FNL & 990' FEL, Section 36, T-31-N, R-9-W
San Juan County, NM / API #30-045-10154

Lat: N 36° 51'25.6644" / Long: W 107° 43'34.266"

Today's Date: 4/29/05
Spud: 3/21/52
Comp: 6/25/52
Elevation: 6502' GL
6511' KB

13.750" Hole

Nacimiento @ 940'

Casing repair at 2121'
with 150 sxs (2000)

TOC @ 2120' (CBL 2005)

Ojo Alamo @ 2278'

Kirtland @ 2395'

Fruitland @ 2986'

Pictured Cliffs @ 3336'

Chacra @ 4285'

Mesaverde @ 5094'

9" Hole

6.5" Hole

TD 5845'
PBTD 5720'

10.750", 37#, J-55 Casing set @ 224'
150 sxs cement, circulated to surface

Perforate @ 274'

Plug #6: 274' - 0'
Type III cement, 110 sxs

Cmt Retainer @ 940'

Plug #5: 990' - 890'
Type III cement, 53 sxs
27 sxs outside and 26 sxs
inside

Perforate @ 990'

Plug #4: 2445' - 2228'
Type III cement, 46 sxs

Plug #3: 3386' - 2936'
Type III cement, 86 sxs

Plug #2: 4335' - 4235'
Type III cement, 26 sxs

Plug #1: 5100' - 4850'
Type III cement, 33 sxs

TOL @ 4900'

Squeeze liner top with
100 sxs cement (1958)

7" 20#/23#, J-55 Casing @ 5048'
Cemented with 365 sxs (431 cf)

Baker 5" CR set at 5100' (2005)

Mesaverde Perforations:
5146' - 5655'

5" 15# J-55 Casing @ 5720'
Cemented with 110 sxs with
110 cf strata-crete (240 cf)

State Com I #5

Current

Blanco Mesaverde

1650' FNL & 990' FEL, Section 36, T-31-N, R-9-W

San Juan County, NM / API #30-045-10154

Lat: N 36° 51' 25.6644" / Long: W 107° 43' 34.266"

Today's Date: **4/29/05**

Spud: 3/21/52

Comp: 6/25/52

Elevation: 6502' GL

6511' KB

13.750" Hole

Nacimiento @ 940'

Casing repair at 2121'
with 150 sxs (2000)

TOC @ 2120' (CBL 2005)

Ojo Alamo @ 2278'

Kirtland @ 2395'

Fruitland @ 2986'

Pictured Cliffs @ 3336'

Chacra @ 4285'

Mesaverde @ 5094'

9" Hole

6.5" Hole

TD 5845'
PBTD 5720'

10.750", 37#, J-55 Casing set @ 224'
150 sxs cement, circulated to surface

Well History

Aug '58: Squeeze liner with 100 sxs cement.

Mar '00: Change out pump and tubing with hole in it.

Return to location and change out tubing.

Apr '00: Sqz casing leak below CR at 2121'. DO cement and CR. Land tubing at 5540'. Swab well and return to production.
NOTE: Heavy scale and H2S in well.

Apr '05: Determine casing has leaks from 1623' to 1905'. Decision to plug the well. RIH and set 5" CR at 5100'. Land tubing at 5085'.

2.375" Tubing set at 5085'

TOL @ 4900'

Squeeze liner top with
100 sxs cement (1958)

7" 20#/23#, J-55 Casing @ 5048'
Cemented with 365 sxs (431 cf)

Baker 5" CR set at 5100' (2005)

Mesaverde Perforations:
5146' - 5655'

5" 15# J-55 Casing @ 5720'
Cemented with 110 sxs with
110 cf strata-crete (240 cf)