

Submit 1 Copy 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
October 13, 2009

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

WELL API NO. 30-045-07862-00-00
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Hartman
8. Well Number #3
9. OGRID Number
10. Pool name or Wildcat

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
Haynes & VT Drilling Company c/o New Mexico Oil Conservation Division

3. Address of Operator
1220 South St. Francis Dr. Santa Fe, NM 87505

4. Well Location
Unit Letter _____ G : 1650 feet from the North line and 1650 feet from the East line
Section 28 Township 29N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5389' GL

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐ 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plug well per attached procedure.

RCVD MAY 17 '10

OIL CONS. DIV.

DIST. 3

Spud Date:

Rig Release Date:

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

SIGNATURE NMOCD FOR: HAYNES + VT DRILLING TITLE _____ DATE 5-17-2010

Type or print name NMOCD E-mail address: _____ PHONE: 505-334-6178

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE MAY 17 2010

Conditions of Approval (if any):

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PLUG & ABANDONMENT PROCEDURE

April 1, 2010

Hartman #3
30-045-07862
U.L. "G", SEC 28, TWN 29N, RNG 11W
1650' FNL, 1650' FEL
San Juan County
Lat: 36.699554 N / Long: 107.993718 W

Well Information:

Original Operator: Haynes & VT Drilling Company

Spud date:	September 24, 1953.
Surface Casing:	8.625" set at 132'.
Production Casing:	5.5" set at 1565'.
Open Hole TD:	1610'
Stimulation:	Sand/water frac the open hole interval; tested wet.
Well Plugged & Abandoned	November 28, 1953

Plugging Record:

The well was plugged in 1953 by spotting a 10 sack cement plug on the bottom (actual PBTD not reported); perhaps filling the 4 3/4" open hole interval and up into the 5.5" casing shoe. No report of this plug being tagged. Then it is reported that 960' of 5.5" casing was shot off and pulled, leaving 360' in the well (footages are not accurate, they only account for 1320' of the 5.5" casing). Finally, 3 sacks of cement were set at the surface with a 4.5" marker. The Notice of Intent to plug indicates that mud was to be placed between the plugs. The subsequent report of plugging does not report any mud was placed.

Re-Entry Procedure:

Note: All cement volumes use 100% excess outside the pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.33 ppg, sufficient weight to balance all exposed formation pressures. All cement used will be Class B mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires an approved NMOCDC-144 CLEZ Closed-Loop System Permit for the use of a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install suitable wellhead if none present. Install and test rig anchors or use base beam. Rig up daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing, and bradenhead pressures if available. NU BOPE and relief line and blow down well. Kill well with water if necessary.
3. If there is no 5.5" casing is present at surface, then make up a 7.875" /bit and one 3.5" drill collar; rig up drilling equipment and drill out the existing cement plug. Mix a low solids, high viscosity mud as necessary to maintain suitable hole conditions.

PLUG & ABANDONMENT PROCEDURE

April 1, 2010

Hartman #3

Re-Entry Procedure Continued:

4. Continue to pick up a total of four 3.5" drill collars and then 2.375" workstring to drill / clean out the 8.625" casing and then the 7.875" open hole down to 1565' or as deep as possible.
5. After cleaning out as deep as possible run a noise log to determine the zones that have gas present.

Plugging Procedure:

6. **Plug #1 (Pictured Cliffs interval, 1565' – 1300'):** Mix 36 sxs Class B cement and spot a plug from 1565' to 1300' to isolate the Pictured Cliff interval. PUH and WOC minimum of 6 hours; then TIH and tag TOC. May need to adjust this plug volume depending on clean out depth and hole stability.
7. **Plug #2 (Fruitland top and 5.5" casing stub, 1270' – 960'):** Perforate 5.5" casing at approximately 1270' with 3 SPF. Mix and spot 106 sxs Class B cement as deep as possible; PUH above the cement and circulate the well to put a squeeze pressure on the cement. PUH more and then WOC minimum of 6 hours; then TIH and tag TOC.
8. **Plug #3 (Kirtland and Ojo Alamo tops and surface casing shoe, 550' – Surface):** Mix 180 sxs Class B cement and spot a balanced plug inside the 7.85" hole to cover the Kirtland and Ojo Alamo tops, circulate good cement to surface out the 8.625" casing valve. TOH and LD tubing. Shut in well and WOC.
9. ND wellhead equipment and cut off below surface casing flange. Fill the surface casing as necessary. Install P&A marker with cement. RD, MOL and cut off anchors.

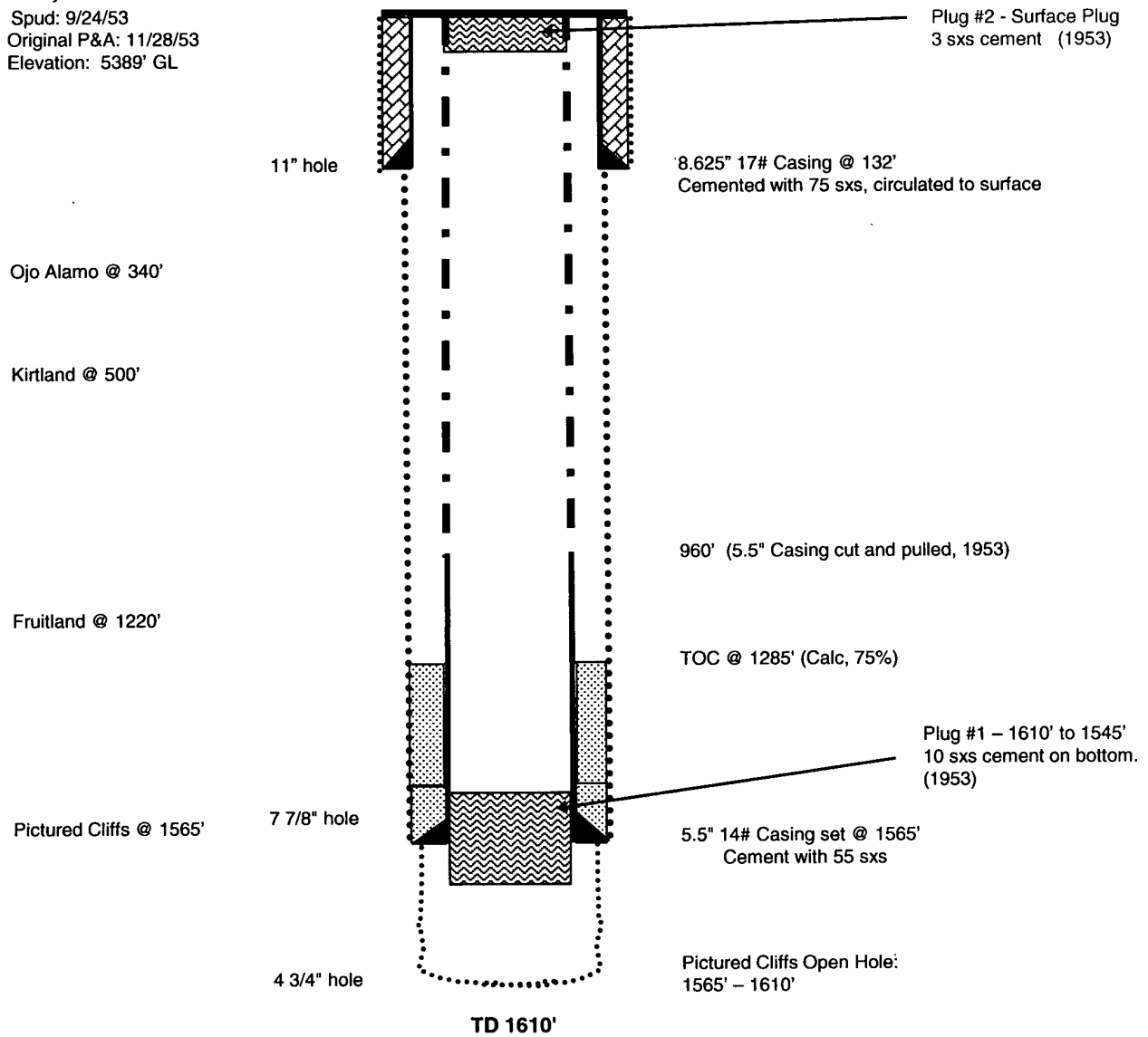
Hartman #3

Current

1650' FNL & 1650' FEL, Section 28, T-29-N, R-11-W

San Juan County, NM / API #30-045-07862

Today's Date: 3/31/10
Spud: 9/24/53
Original P&A: 11/28/53
Elevation: 5389' GL



Hartman #3

Proposed Re-plugging

1650' FNL & 1650' FEL, Section 28, T-29-N, R-11-W

San Juan County, NM / API #30-045-07862

Today's Date: 3/31/10
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