

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION 30-
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 039 -045-32336
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 024048
7. Lease Name or Unit Agreement Name MONTOKA
8. Well Number #1B
9. OGRID Number 143199
10. Pool name or Wildcat Blanco Mesa Verde/Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5879' GL

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
EnerVest Operating, LLC

3. Address of Operator
1001 Fannin St., Suite 800 Houston, TX 77002-6707

4. Well Location

Unit Letter: A: 660' Feet from the North Line and 660' Feet from the East Line

Section 35 Township 32N Range 13W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5879' 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 ☐

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

EnerVest Operating, LLC proposes to plug and abandon this well.

Notify NMOCD 24 hrs
prior to beginning
operations

P&A will commence prior to June 2015. The start and completion of this work is subject to changes due to rig availability, weather and road conditions.

A Closed-Loop System will be used for the operation. Attached are procedure and Wellbore Diagrams.

adjust PC plug 2100'-2200'
adjust chakra plug to 3290'-3390'

Extend MV plug to 3730'

Spud Date: 12-08-2005

Rig Release Date: 03-14-2006 (completion)

RECEIVED

MAR 06 2015

NMOCD
DISTRICT 11

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

SIGNATURE Michelle Doescher TITLE: Regulatory Consultant

DATE: March 04, 2015

Type or print name **Michelle Doescher** E-mail address: sdoescher@enervest.net PHONE: 505-320-5682

For State Use Only

APPROVED BY: Bob Bell TITLE: KC
Conditions of Approval (if any):

DEPUTY OIL & GAS INSPECTOR

DISTRICT #3

DATE 3-24-15

PLUG AND ABANDONMENT PROCEDURE

December 19, 2014

Montoya #1B

Blanco Mesaverde

660' FNL, 660' FEL, Section 35, T32N, R13W, San Juan County, New Mexico

API 30-045-32336 Lat. 36.94888/Long. 108.16517 (Nad 27)

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes____, No X, Unknown____.
Tubing: Yes X, No____, Unknown____, Size 2.375", Length 4736'.
Packer: Yes____, No X, Unknown____, Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
Note: Round trip gauge ring to 4506' or as deep as possible.
4. **Plug #1 (Mesaverde perforations and top, 4506' – 4400')**: RIH and set 4.5" DHS cement retainer at 4506'. Spot 12 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Mesaverde interval. PUH.
5. **Plug #2 (Chacra top, 3724' – 3624')**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Pictured Cliffs top. PUH.
6. **Plug #3 (Pictured Cliffs, top, 2250' – 2150')**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Pictured Cliffs top. PUH.
7. **Plug #4 (Fruitland top, 1540' – 1440')**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Fruitland top. PUH.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 9.625" Surface casing shoe, 646' - Surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 55 sxs cement and spot a balanced plug from 646' 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 perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 646' and the annulus from the squeeze holes to surface. Shut in well and WOC.

9. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Montoya #1B

Current

Blanco Mesaverde

660' FNL, 660' FEL, Section 35, T-32-N, R-13-W, San Juan County, NM

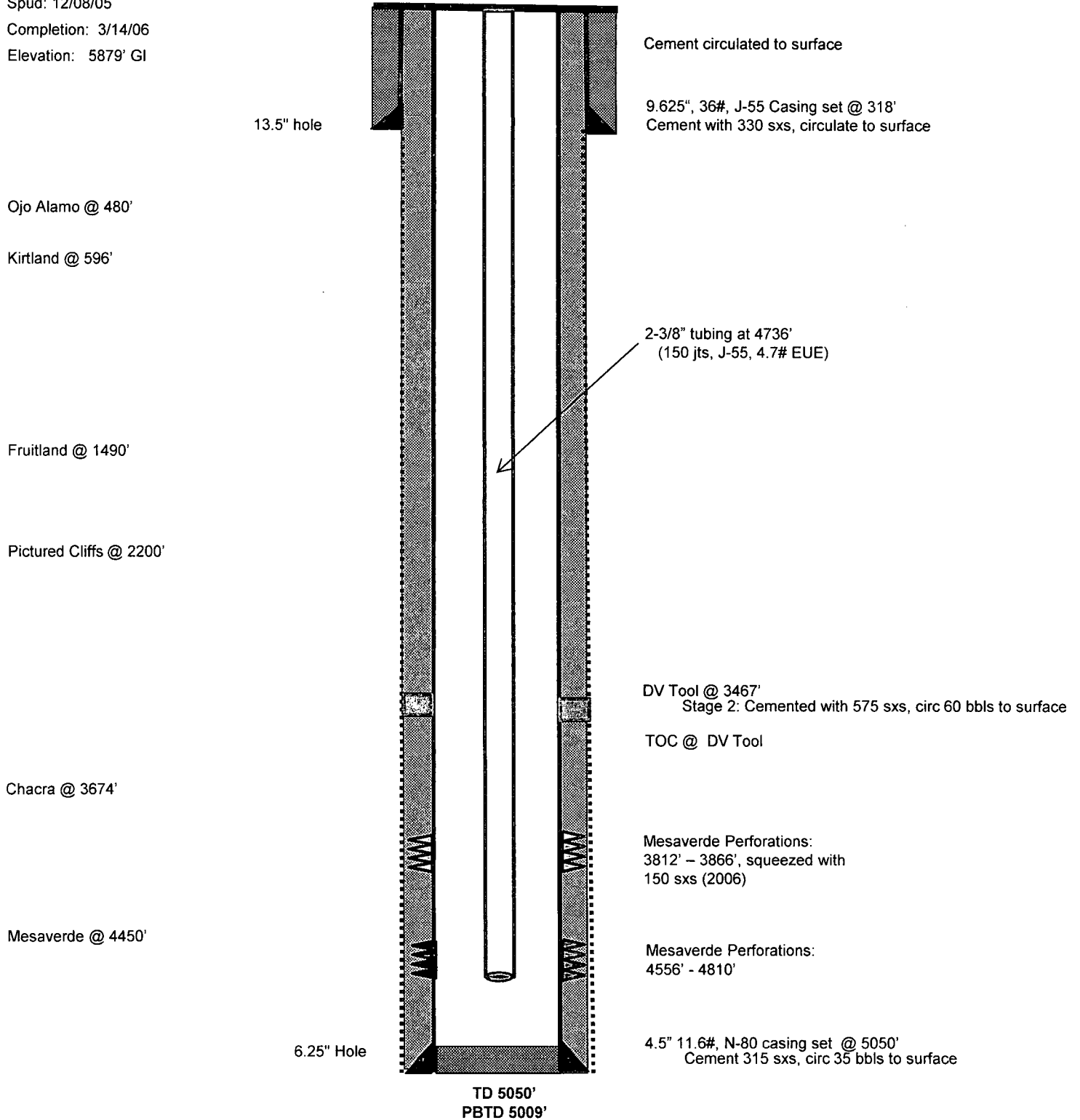
Lat: 36.94888 / Lat: 108.16517 (Nad 27) API #30-045-32336

Today's Date: 12/19/14

Spud: 12/08/05

Completion: 3/14/06

Elevation: 5879' GI



Montoya #1B

Proposed P&A

Blanco Mesaverde

660' FNL, 660' FEL, Section 35, T-32-N, R-13-W, San Juan County, NM

Lat: 36.94888 / Lat: 108.16517 (Nad 27) API #30-045-32336

Today's Date: 12/19/14

Spud: 12/08/05

Completion: 3/14/06

Elevation: 5879' GI

Ojo Alamo @ 480'

Kirtland @ 596'

Fruitland @ 1490'

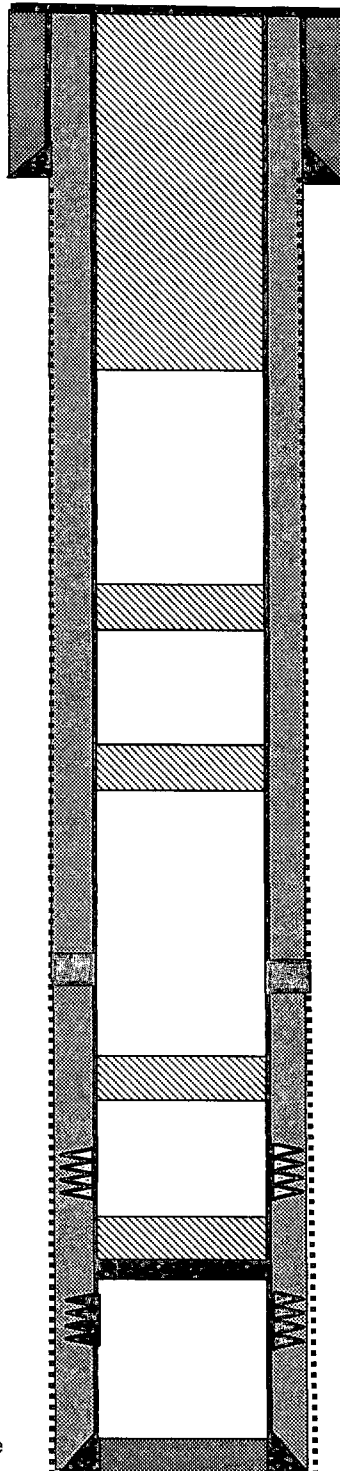
Pictured Cliffs @ 2200'

Chacra @ 3674'

Mesaverde @ 4450'

13.5" hole

6.25" Hole



Cement circulated to surface

9.625", 36#, J-55 Casing set @ 318'
Cement with 330 sxs, circulate to surface

Plug #5: 646' – 0'
Class B cement, 55 sxs

Plug #4: 1540' – 1440'
Class B cement, 12 sxs

Plug #3: 2250' – 2150'
Class B cement, 12 sxs

DV Tool @ 3467'
Stage 2: Cemented with 575 sxs, circ 60 bbls to surface

TOC @ DV Tool

Plug #2: 3724' – 3624'
Class B cement, 12 sxs

Mesaverde Perforations:
3812' – 3866', squeezed with
150 sxs (2006)

Set CR @ 4506'

Mesaverde Perforations:
4556' - 4810'

Plug #1: 4506' – 4400'
Class B cement, 12 sxs

4.5" 11.6#, N-80 casing set @ 5050'
Cement 315 sxs, circ 35 bbls to surface

TD 5050'
PBD 5009'