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

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-045-10412

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name: Templeton

8. Well Number: 001

2. Name of Operator: EnerVest Operating, LLC

9. OGRID Number: 143199

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

10. Pool name or Wildcat: Basin Dakota (Prorated Gas)

4. Well Location
Unit Letter : C 810 Feet from the North Line and 1760 Feet from the West Line
Section 27 Township 31N Range 13W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 5690' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
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.

EnerVest Operating, LLC respectfully requests authorization to plug and abandon this well.

Please see attached Plug and Abandonment Procedure, Current Wellbore Diagram and Proposed Wellbore Diagram.

OIL CONS. DIV DIST. 3
JUN 29 2017

* Extend plug #1 upto 5730'

Spud Date: 10/25/1961 Rig Release Date:

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

SIGNATURE Shelly Doescher TITLE: Regulatory Agent DATE 06/29/2017

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

For State Use Only

APPROVED BY: TITLE Deputy Oil & Gas Inspector, District #3 DATE 7/3/17

Conditions of Approval (if any):

AV

5

PLUG AND ABANDONMENT PROCEDURE

May 5, 2017

Templeton No. 001
Basin Dakota
810' FNL, 1760' FWL, Section 27, T31N, R13W, San Juan County, New Mexico
API 30-045-10412 Lat 36.8761063 / Long -108.19487 NAD 83

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 __6,463'____.
Packer: Yes____, No__X__, Unknown_____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

4. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**

5. **Plug #1 (Dakota interval and Gallup top, 6360' ~~– 6260'~~ 5730):** Round trip gauge ring or casing scraper to 6360', or as deep as possible. RIH and set 5.5" cement retainer at 6360. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. ***If the casings do not test, then spot or tag subsequent plugs as appropriate.*** Circulate well clean. Mix 77 sxs Class B cement inside casing above CR to isolate the Dakota interval and cover the Gallup top. TOH.

6. **Plug #2 (Mancos top, 4602' - 4502'):** Perforate squeeze holes at 4602'. Attempt to establish rate if the casing pressure tested. TIH and set CR at 4552'. Mix and pump 47 sxs Class B cement, squeeze 30 sxs outside 5.5" casing and leave 17 sxs inside casing to cover the Mancos top. PUH with tubing.

7. **Plug #3 (Mesaverde top, 3622' – 3522'):** Mix and pump 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. TOH.

8. **Plug #4 (Chacra top, 2887' – 2787'):** Perforate squeeze holes at 2887'. Attempt to establish rate if the casing pressure tested. TIH and set CR at 2837'. Mix and pump 47 sxs Class B cement, squeeze 30 sxs outside 5.5" casing and leave 17 sxs inside casing to cover the Chacra top. TOH with tubing.

9. **Plug #5 (Pictured Cliffs and Fruitland tops, 1908' – 1460'):** Perforate squeeze holes at 1908'. Attempt to establish rate if the casing pressure tested. TIH and set CR at 1858'. Mix and pump 189 sxs Class B cement, squeeze 132 sxs outside 5.5" casing and leave 57 sxs inside casing to cover the Pictured Cliffs and Fruitland tops. TOH.

10. **Plug #5 (Kirtland and Ojo Alamo tops, 884' – 710'):** Perforate squeeze holes at 884'. Attempt to establish rate if the casing pressure tested. TIH and set CR at 834'. Mix and pump 78 sxs Class B cement, squeeze 52 sxs outside 5.5" casing and leave 26 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH.

11. **Plug #6 (9.625" surface casing shoe, 315' - Surface)**: Perforate 3 squeeze holes at 315'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 120 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.

12. 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

Templeton No. 001

Current

Basin Dakota

810' FNL, 1760' FWL, Section 27, T-31-N, R-13-W, San Juan County, NM

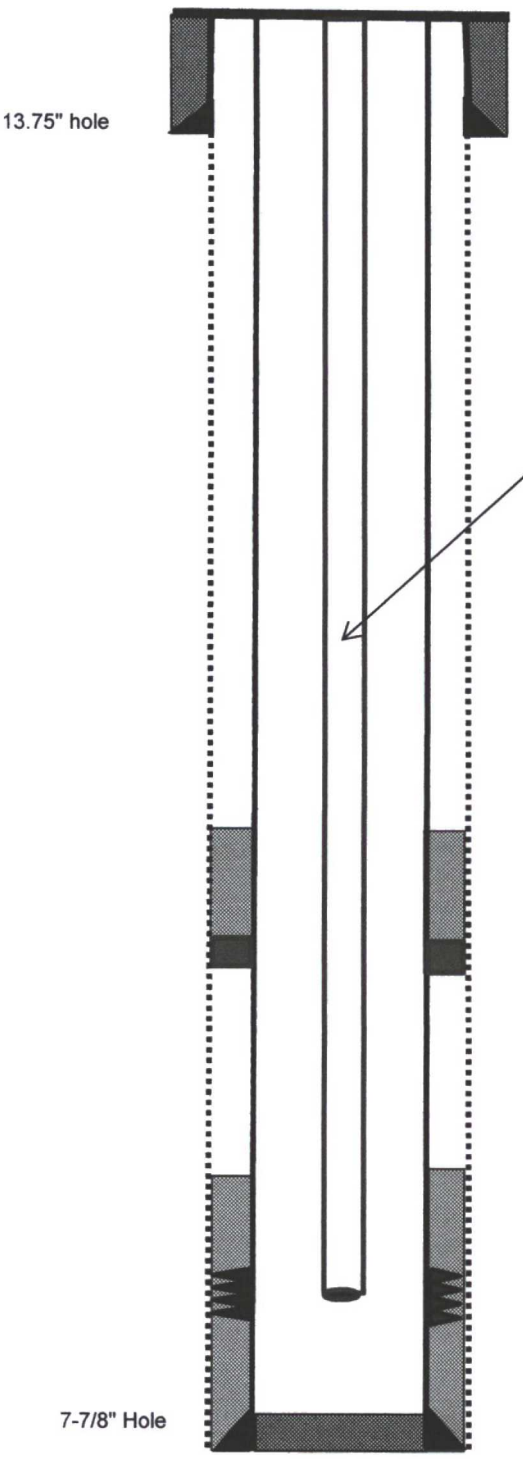
Lat: 36.8761063N / Long: -108.19487 W, API #30-045-10412

Today's Date: **5/5/17**

Spud: 10/25/61

Completion: 11/29/61

Elevation: 5690' Gl
5702' KB



Ojo Alamo @ 760' *est

Kirtland @ 834' *est

Fruitland @ 1510' *est

Pictured Cliffs @ 1858'

Chacra @ 2837'

Mesaverde @ 3572'

Mancos @ 4552'

Gallup @ 5780' *est

Dakota @ 6394'

Templeton No. 001

Proposed P&A

Basin Dakota

810' FNL, 1760' FWL, Section 27, T-31-N, R-13-W, San Juan County, NM

Lat: 36.8761063N / Long: -108.19487 W, API #30-045-10412

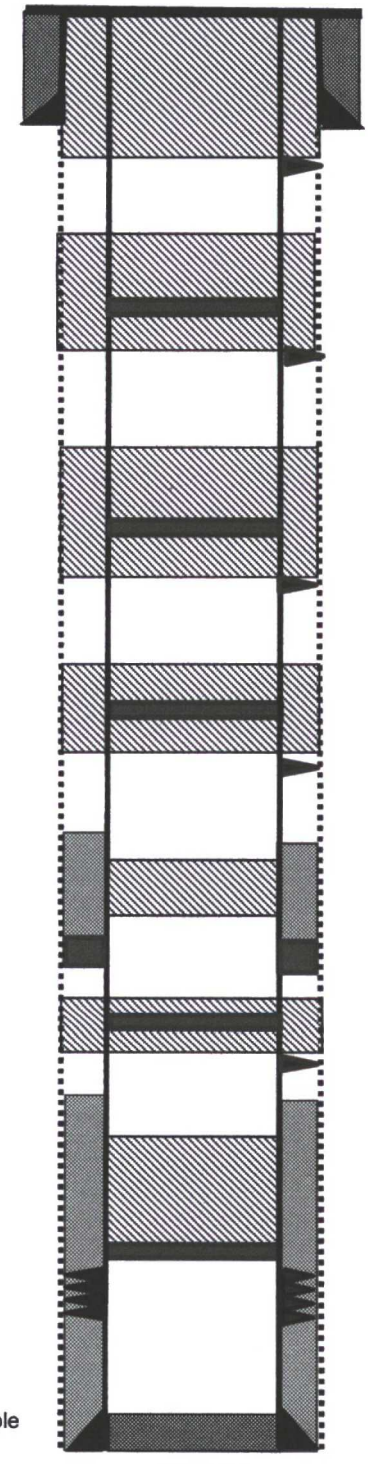
Today's Date: **5/5/17**

Spud: 10/25/61

Completion: 11/29/61

Elevation: 5690' GI
5702' KB

13.75" hole



9.625", 32.3#, HD-40 Casing set @ 265
Cement with 200 sxs, circulate to surface

Plug #7: 315' – 0'
Class B cement, 120 sxs

Perforate @ 315'

Ojo Alamo @ 760'

Kirtland @ 834'

Plug #6: 884' – 710'
Class B cement, 78 sxs
26 inside and 52 outside

Set CR @ 834'

Perforate @ 884'

Fruitland @ 1510'

Pictured Cliffs @ 1858'

Plug #5: 1908' – 1460'
Class B cement, 189 sxs
57 inside and 132 outside

Set CR @ 1858'

Perforate @ 1908'

Chacra @ 2837'

Plug #4: 2887' – 2787'
Class B cement, 47 sxs
17 inside and 30 outside

Set CR @ 2837'

Perforate @ 2887'

TOC unknown, did not circulate

Mesaverde @ 3572'

Plug #3: 3622' – 3522'
Class B cement, 17 sxs

DV Tool @ 4519'
Stage 2: Cemented with 165 sxs (256 cf)

Mancos @ 4552'

Set CR @ 4552'

Plug #2: 4602' – 4502'
Class B cement, 47 sxs:
17 inside and 30 outside

Perforate @ 4602'

TOC unknown, did not circulate

Gallup @ 5780'

Dakota @ 6394'

Set CR @ 6360'

Plug #1: 6360' – 5730'
Class B cement, 77 sxs

Dakota Perforations:
6410' – 6518'

7-7/8" Hole

5.5" 15.5#, J-55 casing set @ 6543'
Cement 115 sxs (179 cf)

TD 6543'
PBTD 6524'