

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 July 18, 2013

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

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. 30-045-33440
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Enduring Resources, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 511 16th Street, Suite 700, Denver, CO 80202		7. Lease Name or Unit Agreement Name Wilmerding 9 [319963]
4. Well Location Unit Letter <u>C</u> : <u>705</u> feet from the <u>North</u> line and <u>1,481</u> feet from the <u>West</u> line Section <u>10</u> Township <u>31N</u> Range <u>13W</u> NMPM County <u>San Juan</u>		8. Well Number #003
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5,806 GR		9. OGRID Number 372286
		10. Pool name or Wildcat Basin Fruitland Coal [71629]

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: Re-Frac ☒

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.

Enduring Resources, LLC proposes to re-perforate and re-stimulate the Fruitland Coal formation. Please see the attached procedure and WBD. Estimated start date is January 1, 2018.

Notify NMOCD 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

DEC 04 2017

Notify NMOCD 24 hrs
prior to beginning
operations

COAs:

Perfs. outside of existing perfs. requires C-104 and
Completion Report.

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 Travis Whitham TITLE Landman DATE 12/1/2017

Type or print name Travis Whitham E-mail address: twhitham@enduringresources.com PHONE: 303-350-5716

For State Use Only

APPROVED BY: Mona Kuehling TITLE Deputy Oil & Gas Inspector,
Conditions of Approval (if any): A District #3 DATE DEC 11 2017

WELL NAME: Wilmerding 9-3

API: 3004533440

PROPOSED WORK: Re-perforate and re-stimulate Fruitland Coal

ESTIMATED START DATE: 1/1/2018

ESTIMATED END DATE: 1/15/2018

LOCATION (SURF): 705' FNL & 1481' FWL, Section 10, T31N, R13W, San Juan Co., New Mexico

LOCATION (BH): same as SHL

KB ELEVATION: 5813'

GL ELEVATION: 5806'

CASING (SURF): 9-5/8", 36#, J55 @ 380'

CEMENT (SURF): 190 sx Class G, circ to surface

CASING (PROD): 7", 23#, N80 @ 2245'

CEMENT (PROD): 440 sx, did not circ to surface, TOC @ 980' by CBL, sqz holes @ 910', circ cmt to surface

PBTD: 2,186' (CIBP)

PERFORATIONS: Fruitland Coal 1782' - 2039' (1.00" diameter, 33 holes)

SPUD DATE: 7/25/2007

1st PRODUCTION: 10/16/2007

PROCEDURE:

1. MIRU PU. TOH w/rods & pump. TOH w/tubing.
2. MIRU WL. Perforate Fruitland Coal as noted below. RDMO WL.

1780 - 1787	1885 - 1888	1892 - 1896
1906 - 1908	1923 - 1925	2013 - 2018
2024 - 2036		

3. RIH w/frac string & packers. Set packers. RDMO PU.
4. MIRU frac equipment. Frac Fruitland Coal in 3 stages. RDMO frac equipment.
Total fluid (bbls): 4,400 Total prop. (lbs): 302,000
5. MIRU PU. TOH w/frac string & packers. TIH w/tbg. Clean out sand to PBTD. Land tbg.
6. TIH w/pump and rods. RDMO PU.
7. RWTP.
8. Submit Form C-105 and FracFocus to NMOCD.

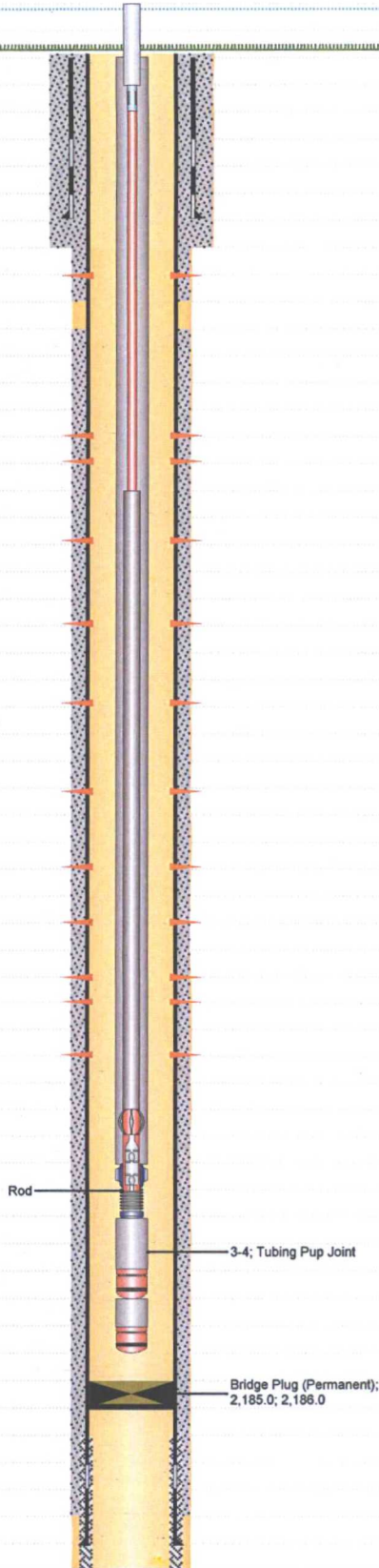
ATTACHMENTS:

1. Wellbore diagram

Well Name: Wilmerding 9-3

API/UWI 3004533440	Surface Legal Location	Field Name Basin(New Mexico)	License # 000000	State/Province New Mexico	Well Configuration Type Land
Original KB Elevation (ft) 5,813.00	KB-Tubing Head Distance (ft)	Spud Date 7/25/2007 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 2,186.0	Total Depth All (TVD) (ftKB)

Land, Original Hole, 12/1/2017 9:38:45 AM
Vertical schematic (actual)



Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	9 5/8	36.00	J-55	EXT-UPSET	374.0
Production Casing	7	23.00	N-80	LT&C	2,243.2

Cement

Description Cement Squeeze	Comment sqz holes @ 910', circ cmt to surface
Description Surface Casing Cement	Comment 190 sx, circ cmt to surface
Description Production Casing Cement	Comment 440 sx, did not circ cmt to surface, TOC @ 980' (CBL)

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	5/7/2009	2,089.68	2,105.0

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Rod	5/8/2009	2,071.00	2,066.0

Perforations

Date	Top Depth (ftKB)	Bottom Depth (ftKB)	Proposed?
	1,780.0	1,787.0	Yes
	1,885.0	1,888.0	Yes
	1,892.0	1,896.0	Yes
	1,906.0	1,908.0	Yes
	1,923.0	1,925.0	Yes
	2,013.0	2,018.0	Yes
	2,024.0	2,036.0	Yes