

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

HOBBS OCD  
JUL 05 2017

RECEIVED

WELL API NO. 30-025-38162
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> /
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name YO State SWD /
8. Well Number 1 /
9. OGRID Number 370507 /
10. Pool name or Wildcat SWD; Devonian
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3587' 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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD Well	
2. Name of Operator Raz Oil and Gas, LLC /	
3. Address of Operator PO Box 1180, Eunice, NM 88231	
4. Well Location Unit Letter <u>D</u> : <u>660</u> feet from the <u>North</u> line and <u>840</u> feet from the <u>West</u> line Section <u>15</u> Township <u>21S</u> Range <u>35E</u> NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3587' 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 ☐  
CLOSED-LOOP SYSTEM ☒  
OTHER: Deepen well to a new TD of 14490' ☒

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.

Per previous communications with the Engineering Bureau and District 1 Office, Raz Oil and Gas, LLC requests approval to deepen the well as noted below:

Current TD – 13968' (see attached current wellbore diagram).

Propose to deepen well using a 4-1/8" bit to a new TD of 14490' (see attached proposed wellbore diagram). A closed-loop system would be used during this work. The proposed new injection interval would be 13490' – 14490' pending amendment to AO SWD-1594-B per request currently pending with the Engineering Bureau.

3<sup>rd</sup> Re-entry Date:

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 D. Holcomb TITLE Agent DATE 6/2/2017

Type or print name Danny J. Holcomb E-mail address: danny@pwllc.net PHONE: 806-471-5628

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 06/09/17

Conditions of Approval (if any):

# CURRENT WELLBORE

Well Configured for SWD Service

Raz Oil and Gas L.L.C.

YO State SWD #1

API# 30-025-38162

660' FNL X 840' FWL, UL 'D' Sec 15, T21S, R35E, Lea County, NM

All Depths KB

KB 3603'

GL 3587'

17-1/2" Hole

13-3/8" 48# H40 Csg

Set @ 850'

Cement to surface: yes

Anhydrite 1850'

Top Salt 1945'

Base Salt 3490'

Top San Andres 4200'

12-1/4" Hole

9 5/8" 40# HCK55 Csg

Set @ 5420'

Cement to surface: yes

Top Del Sand 5530'

Top Bone Spring 7578'

Top Wolfcamp 10156'

Top Barnett Shale 12510'

8-3/4" Hole

7" 26# J55/HCL80 Csg

Set @ 12536'

Cement to surface: yes

Top Miss 12740'

Top Woodford Shale 13285'

Top Devonian 13490'

6-1/8" Hole

5" 15# L80 Liner

Hung @ 12273'

Set @ 13962'

Cement to TOL: no

DV Tool @ 4166'

ECP @ 4169'

DV Tool @ 5335'

ECP @ 5340'

DV Tool @ 9797'

ECP @ 10002'

Tapered Injection Tubing  
4-1/2" x 2-7/8" IPC/IPL  
Changeover @ 12244'

TOC @ 12662' (4/19/17 CBL)

Injection Packer - Arrowset 1-X  
5" x 2-3/8" Nickel Plated  
Set @ 13495'

Injection Interval - 13518'-13718'

Perfs - 13518'-58' (2SPF)

Perfs - 13558'-658' (4SPF)

Perfs - 13658'-718' (2SPF)

PBTD @ 13959'

TD @ 13968'

Drawing Not to Scale

# PROPOSED WELLBORE

Well Configured for SWD Service

Raz Oil and Gas L.L.C.

YO State SWD #1

API# 30-025-38162

660' FNL X 840' FWL, UL 'D' Sec 15, T21S, R35E, Lea County, NM

All Depths KB  
KB 3603'  
GL 3587'

17-1/2" Hole  
13-3/8" 48# H40 Csg

**Set @ 850'**

Cement to surface: yes

T. Anhydrite 1850'

T. Salt 1945'

Base Salt 3490'

T. San Andres 4200'

12-1/4" Hole  
9 5/8" 40# HCK55 Csg

**Set @ 5420'**

Cement to surface: yes

T. Del Sand 5530'

T. Bone Spring 7578'

T. Wolfcamp 10156'

T. Barnett Shale 12510'

8-3/4" Hole  
7" 26# J55/HCL80 Csg

**Set @ 12536'**

Cement to surface: yes

T. Mississippi 12740'

T. Woodford Shale 13285'

T. Devonian 13490'

6-1/8" Hole  
5" 15# L80 Liner

Hung @ 12273'

**Set @ 13962'**

Cement to TOL: no



[www.pwllc.net](http://www.pwllc.net)

DV Tool @ 4166'

ECP @ 4169'

DV Tool @ 5335'

ECP @ 5340'

Pkr Fluid in Annulus

DV Tool @ 9797'

ECP @ 10002'

Tapered Injection Tubing  
4-1/2" x 2-7/8" IPC/IPL  
Changeover @ 12244'

TOC @ 12662' (4/19/17 CBL)

Injection Packer - Arrowset 1-X  
5" x 2-3/8" Nickel Plated  
Set @ 13495'

Perfs - 13518'-58' (2SPF)

Perfs - 13558'-658' (4SPF)

Perfs - 13658'-718' (2SPF)

Proposed Injection Interval  
13490' - 14490'  
SWD-1594

4-1/8" Open Hole

TD @ 14490'

Drawing Not to Scale