

TLT SWD,L.L.C.
State 2 # 1
API # 30-015-35678
Unit Letter "G", Section 2, T23S, R31E
1980 FNL X 1980 FEL
Eddy County, NM

Well Data X PA Procedure

Spud 7/25/2007 as Delaware oil well

13 3/8" 48# H40 casing set at 897' in 17 1/2" hole, cemented with 835 sacks cement. Cement circulated to surface.

8 5/8" 32# J55 casing set at ~~4368~~ ⁴⁴³³' in 11" hole, cemented with 1265 sacks of cement. Cement circulated to surface.

5 1/2" 17# L80 casing set at 8407' in 7 7/8" hole, cemented in 2 Stages with DV tool at 6389'

1st Stage - 375 sacks cement x circulate above DV tool per calculations

2nd Stage - 730 sacks cement. Top of cement at 3700' per CBL

Perforations 6910-8238'

Run and set CIBP at 6860'

Spot 50 sks cement of CIBP x WOC x tag cmt plug 6360' or above

Displace well with gelled brine water

Spot 40 sks cmt plug at ~~4438~~ ⁴⁴⁸³' up to ⁴³⁸³'

Lamar Lime x Intermediate casing shoe x base of salt plug

Perforate 1106'

Circulate cement to surface (300 sks)

Top of Salt x Surface casing shoe x surface plug

Leave well full of cement

Cut of well head and install PA marker

Cut off service unit anchors and prep location for release



www.pwllc.net

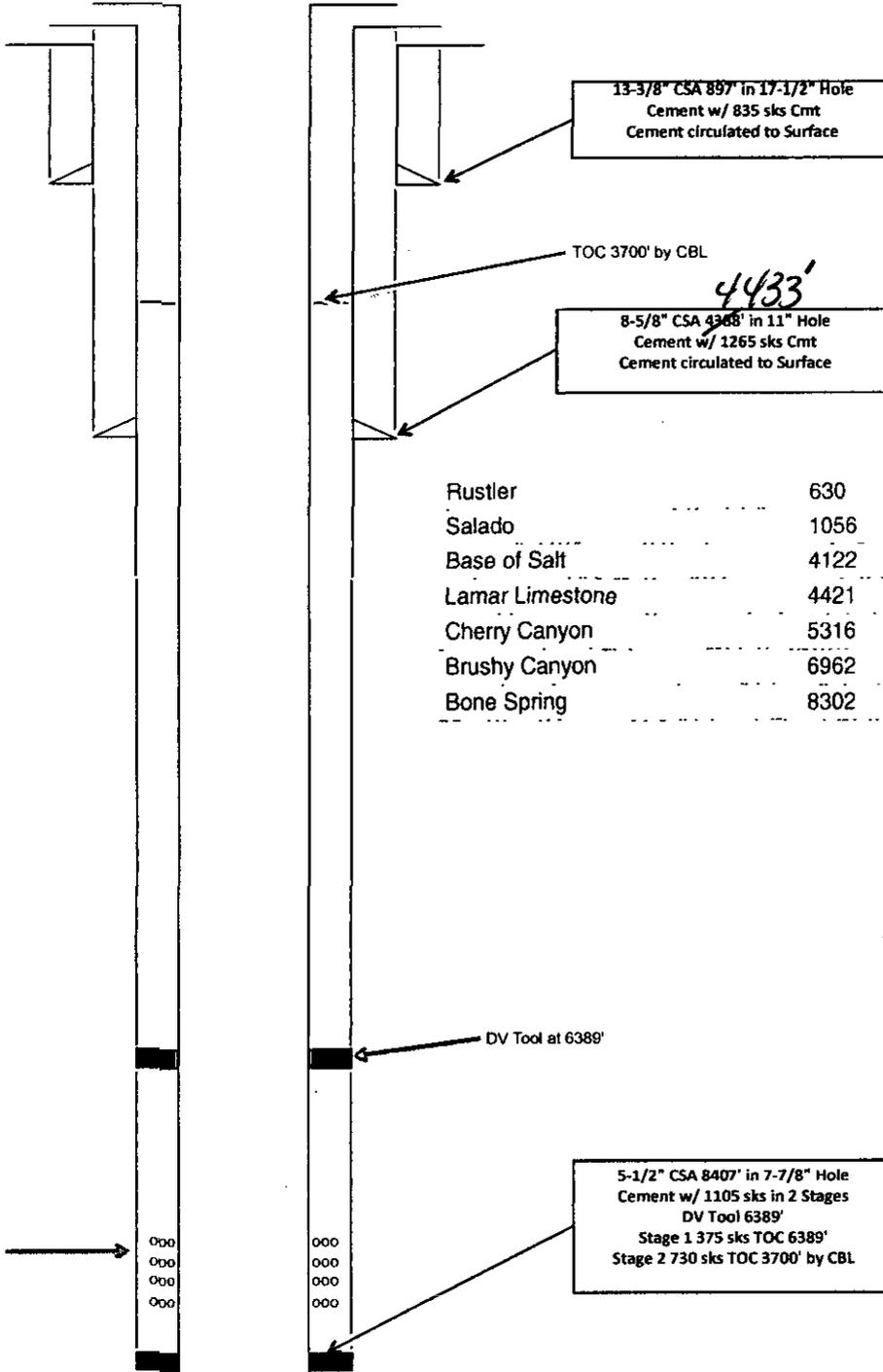
CURRENT WELLBORE DIAGRAM

TLT SWD, L.L.C.

State 2 # 1

API # 30-15-35678

1980 FNL x 1980' FEL, UL 'G' Sec 2, T23S, R31E, Eddy County, NM
SI Oil Producer



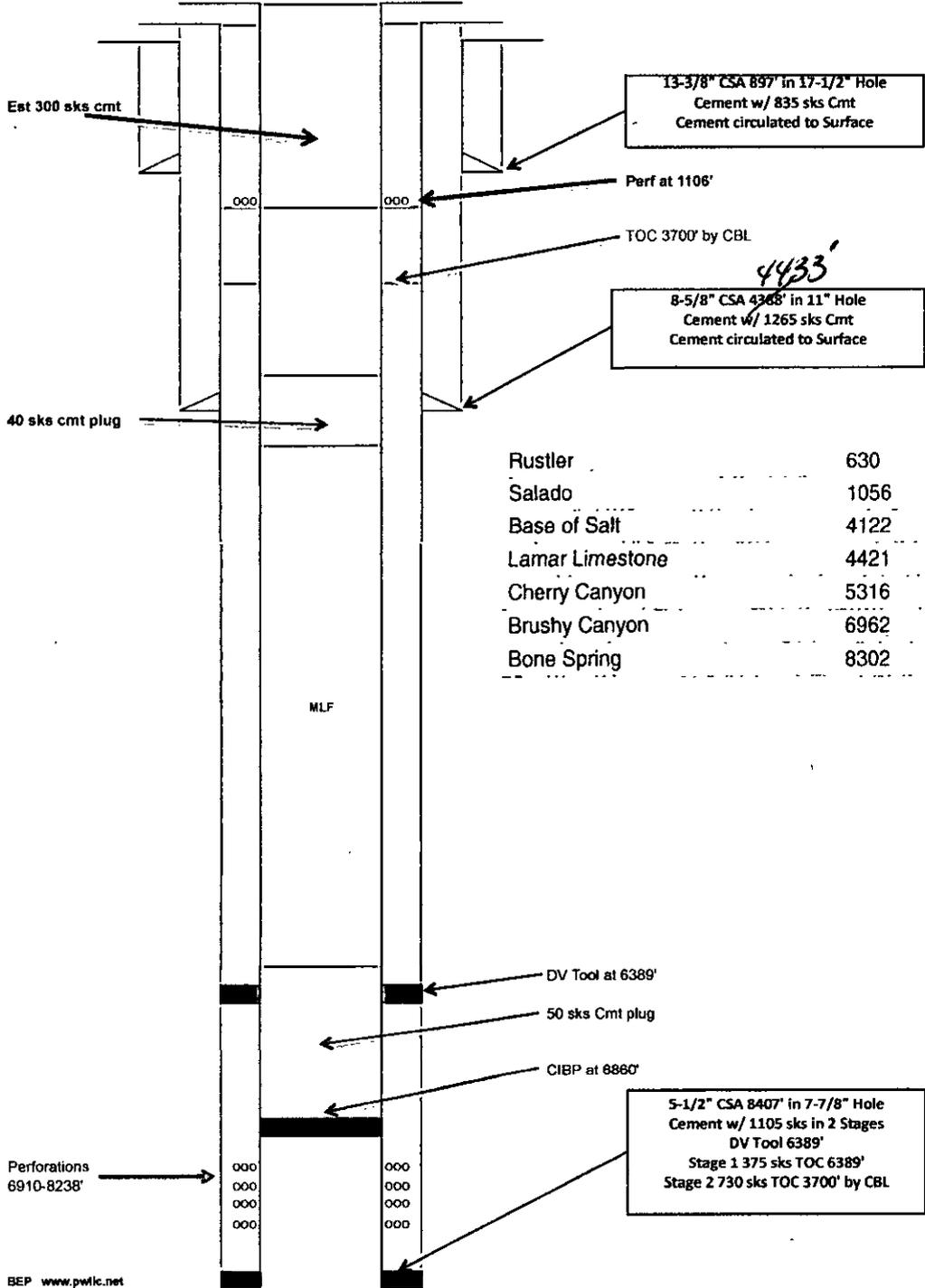
PA WELLBORE DIAGRAM

TLT SWD, L.L.C.

State 2 # 1

API # 30-15-35678

1980 FNL x 1980' FEL, UL 'G' Sec 2, T23S, R31E, Eddy County, NM
SI Oil Producer



Rustler	630
Salado	1056
Base of Salt	4122
Lamar Limestone	4421
Cherry Canyon	5316
Brushy Canyon	6962
Bone Spring	8302

5-1/2" CSA 8407' in 7-7/8" Hole
Cement w/ 1105 sks in 2 Stages
DV Tool 6389'
Stage 1 375 sks TOC 6389'
Stage 2 730 sks TOC 3700' by CBL

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: TLT SWD

Well Name & Number: State 2 #1

API #: 30-015-35678

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged **ONLY**. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perms, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**

ASD

10/15/2015

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.

- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plug is usually at base of salt section)

- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).