

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-8210
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

Geology, Minerals and Natural Resources

Form C-103

Revised July 18, 2013

RECEIVED
JAN 11 2016
ARTESIA DISTRICT
OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

| |
|---|
| WELL API NO. 30-015-33922 |
| 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 GRANDI 22 |
| 8. Well Number 3 |
| 9. OGRID Number 6137 |
| 10. Pool name or Wildcat CARLSBAD; MORROW SOUTH GAS |

| | |
|---|--|
| 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 | |
| 2. Name of Operator Devon Energy Production Company, LP | |
| 3. Address of Operator 333 W. Sheridan Avenue, Oklahoma City, OK 73102 | |
| 4. Well Location Unit Letter <u>A</u> : <u>660</u> feet from the <u>North</u> line and <u>1210</u> feet from the <u>East</u> line Section <u>22</u> Township <u>22S</u> Range <u>27E</u> NMPM Eddy County, NM | |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3111 KB; 3094' GL; 17' KB to GL | |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|--|--|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input checked="" type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | | | |
| CLOSED-LOOP SYSTEM <input type="checkbox"/> | | | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

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.

1. MIRU. POOH w/2-7/8" production tubing and packer from 11,273'.
2. Set CIBP @ 11,270'. Tag plug. Spot 25 sx (200') Cl H @ 11,270' - 11,070'. (Morrow perms @ 11298-11457)
3. Spot 25 sx (200') Cl H @ 9,050' - 8,850'. (T. Wolfcamp @ 9,032')
4. Spot 50 sx (500') Cl C @ 5,850' - 5,350'. Tag TOC. (3000' spacer depth @ 5,850', T. Bone Spring @ 5,460', 9-5/8" shoe @ 5,438')
5. Perf sqz holes @ 2,350'. Pump 165 sx (550') Cl C in/out @ 2,350' - 1,800'. (3000' spacer depth @ 2,350', T. Delawre @ 2,010', B. Salt @ 1,855')
6. Perf sqz holes @ 455'. Pump 140 sx Cl C in/out @ 455' to surface. (T. Salt @ 426', Surf csg shoe @ 405')
7. Cut wellhead off. Set dry hole marker.
- 9# mud will be circulated between each plug.

Approved for plugging of well bore only.
Liability under bond is retained pending receipt
of C-103 (Subsequent Report of Well Plugging)
which may be found at OCD Web Page under
Forms, www.cmrnd.state.nm.us/oed.

Spud Date:

Rig Release Date:

well bore must be plugged by 1-13-2017

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

SIGNATURE Ronnie Slack TITLE Production Technologist DATE 1-6-16

Type or print name Ronnie Slack E-mail address: Ronnie.Slack@dmv.com PHONE: 405-552-4615

For State Use Only

APPROVED BY: R. Wade TITLE Dr. P. Supervisor DATE 1/13/2016

Conditions of Approval (if any):

★ See Attached COA's

DEVON ENERGY PRODUCTION COMPANY LP

| | | | |
|---|----------------------------------|------------------------------|-----------------------------|
| Well Name: GRANDI 22-3 | | Field: CARLSBAD SOUTH | |
| Location: 660' FNL & 1210' FEL; 22-22S-27E | | County: EDDY | State: NM |
| Elevation: 3111' KB; 3094' GL; 17' KB | | Spud Date: 3/5/2005 | Compl Date: 5/9/2005 |
| API#: 30-015-33922 | Prepared by: Ronnie Slack | Date: 01/06/16 | Rev: |

PROPOSED PLUG & ABANDONMENT

17-1/2" hole
13-3/8", 48#, H40, ST&C, @ 405'
 Cmt'd w/440 sks. Did not circulate. Topped
 out w/125 sks using 1".

12-1/4" hole
9-5/8", 40#, J55, LT&C, @ 5,438'
 Cmt'd w/2650 sks. Cmt circ to surf.

MORROW (5/15/10)
 11298-300; 11352-56; 11374'-78';
 11412'-19'; 11450'-57'

MORROW
 11555-11563; 11574-11581 (4/26/05)

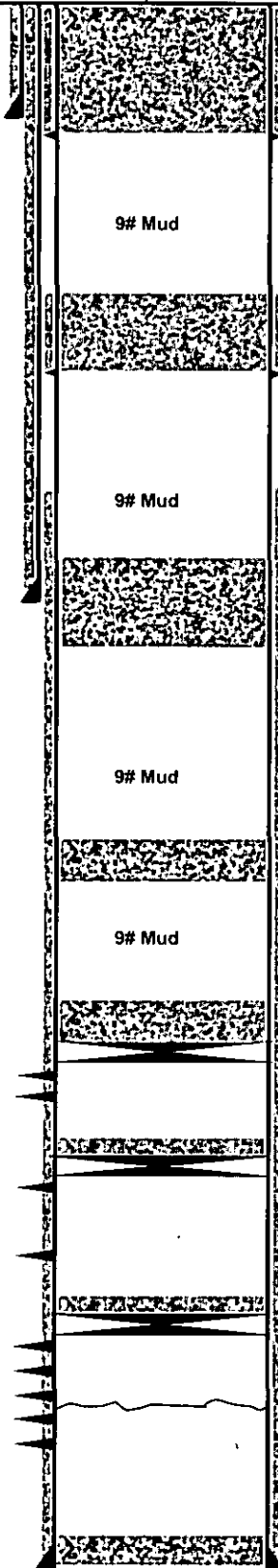
MORROW
 11686' - 11691' (3/25/08)

3/27/08-acidized 11686-11691 w/1000 gals 7.5%

MORROW
 11794-11798; 11806-11810 (4/26/05)
 11825-11837; 11878-11882 (4/26/05)
 11884-11886; 11892-11897 (4/26/05)
 11905-11912; 11916-11924 (4/26/05)
 11928-11940; 11943-11948 (4/26/05)

4/27/05-acidized w/6000 gals 7.5%
 4/30/05-frac'd w/100K#

8-3/4" Hole
5-1/2", 17#, P110EC, LT&C, @ 12,130'
 Cmt'd w/2100 sks. TOC @ 4000' (cbl)



Proposed:

3. Cut wellhead off. Set dry hole marker.
2. Pump 140 sx (455') CI C in/out @ 455' to surface.
1. Perf 5-1/2 csg @ 455'.
 (Covers T.Salt @ 426', shoe @ 405', surface plug)

Proposed:

3. Tag TOC.
2. Pump 165 sx (550') CI C in/out @ 2,350' - 1,800'.
1. Perf 5-1/2 csg @ 2,350'.
 (Covers 3000' spacer depth @ 2,350'; T.Delaware @ 2,010', B.Salt @ 1,855')

Proposed:

1. Spot 50 sx (500') CI C @ 5,850' - 5,350'. Tag TOC.
 (Covers 3000' spacer depth @ 5,850'; T.Bone Spring @ 5,460', 9-5/8" csg shoe @ 5,438')

Proposed:

1. Spot 25 sx (200') CI H @ 9,050' - 8,850'.
 (Wolfcamp top @ 9,032')

Proposed:

2. Spot 25 sx (200') CI H from 11,270' - 11,070'. Tag.
1. Set CIBP @ 11,270'.
 (Morrow top @ 11,270')

35' cement, 11,495' PBD.
 CIBP @ 11,530' (5/15/10)

10' cement, 11,780' PBD
 CIBP @ 11,790' (3/25/08)

10/27/05: Bailed sand to 11887' before sticking tbq

PBTD @ 12,060'

TD @ 12,130'

DEVON ENERGY PRODUCTION COMPANY LP

| | | | |
|--|---------------------------|-----------------------|----------------------|
| Well Name: GRANDI 22-3 | | Field: CARLSBAD SOUTH | |
| Location: 660' FNL & 1210' FEL; 22-22S-27E | | County: EDDY | State: NM |
| Elevation: 3111' KB; 3094' GL; 17' KB | | Spud Date: 3/5/2005 | Compl Date: 5/9/2005 |
| API#: 30-015-33922 | Prepared by: Ronnie Slack | Date: 05/21/10 | Rev: |

CURRENT WELLBORE

17-1/2" hole
13-3/8", 48#, H40, ST&C, @ 405'
 Cmt'd w/440 sks. Did not circulate. Topped
 out w/125 sks using 1".

12-1/4" hole
9-5/8", 40#, J55, LT&C, @ 5,438'
 Cmt'd w/2650 sks. Cmt circ to surf.

MORROW (5/15/10)
 11298-300; 11352-56; 11374'-78';
 11412'-19'; 11450'-57'

MORROW
 11555-11563; 11574-11581 (4/26/05)

MORROW
 11686' - 11691' (3/25/08)
 3/27/08-acidized 11686-11691 w/1000 gals 7.5%

MORROW
 11794-11798; 11806-11810 (4/26/05)
 11825-11837; 11878-11882 (4/26/05)
 11884-11886; 11892-11897 (4/26/05)
 11905-11912; 11916-11924 (4/26/05)
 11928-11940; 11943-11948 (4/26/05)
 4/27/05-acidized w/6000 gals 7.5%
 4/30/05-frac'd w/100K#

8-3/4" Hole
5-1/2", 17#, P110EC, LT&C, @ 12,130'
 Cmt'd w/2100 sks. TOC @ 4000' (cbl)

Salado--426'
 B.Salt--1855'
 Delaware--2010'
 Bone Spring--5460'
 Wolfcamp--9032'
 Strawn--10440'
 Atoka--10690'
 Morrow--11270'

2-7/8", 6.5#, N80 Production tubing

T2 On/Off tool w/2.31 F profile
Arrowset Packer @ 11,273' (5/18/10)
 6' sub, 2.31 R nipple. EOT @ 11,280'.

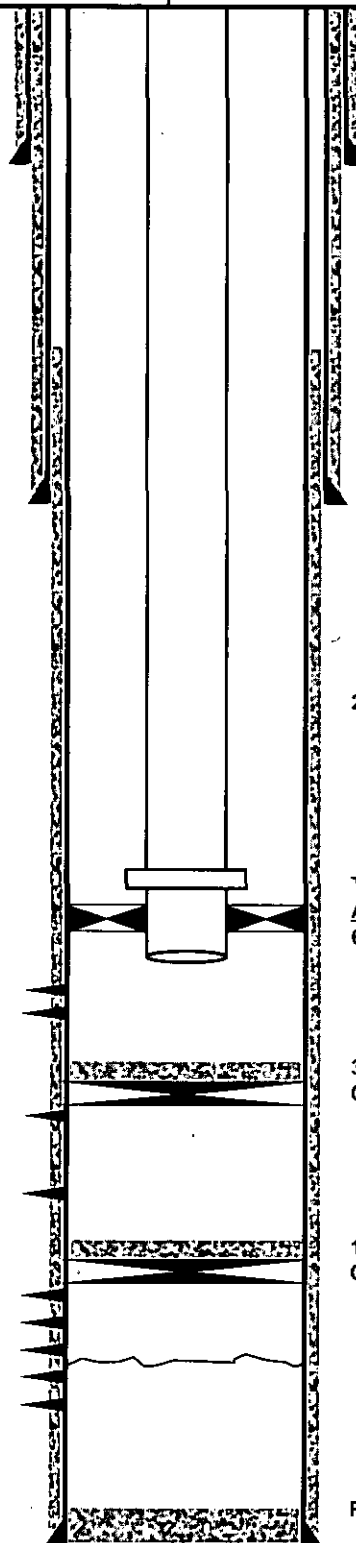
35' cement, 11,495' PBD.
 CIBP @ 11,530' (5/15/10)

10' cement, 11,780' PBD
 CIBP @ 11,790' (3/25/08)

10/27/05: Bailed sand to 11887' before sticking tbq

PBTD @ 12,060'

TD @ 12,139'



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: Devon
Well Name & Number: Brande 22 #3
API #: 30-015-32685

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 perfs, 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.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

DATE: 1/13/2016

APPROVED BY: RED

N.M.O.C.D.- Guidelines For Plugging

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

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- 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 squeezed behind casing at the formation depths.

In the R-111P 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.