

Office
District I - (575) 393-0000
1625 N. French Dr., Hobbs, NM 88241
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

NM OIL CONSERVATION

Energy, Minerals and Natural Resources

DISTRICT

FEB 17 2015 OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

WELL API NO.

30-015-32715

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

H B 2 STATE

8. Well Number

003

9. OGRID Number

6137

10. Pool name or Wildcat

CEDAR CANYON; BONE SPRING

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

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 M : 660' feet from the South line and 660' feet from the West line
Section 02 Township 24S Range 29E NMPM Eddy County, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3068' KB; 3051' GL; 17' KB to 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: ☐

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.

- MIRU. POOH w/ 2-7/8" production tubing from 8,394'.
- RIH set CIBP @ 7,900'. Dump bail 35' CL H cement on top. PBD @ 7,865'
- TOH to 6,850'. Spot 50 sx (150') CL C balanced plug.
- TOH to 5,000'. Spot 50 sx (150') CL C balanced plug.
- TOH to 3,150'. Spot 100 sx (300') CL C balanced plug. WOC. RIH and tag TOC (CTOC @ 2850'. 9-5/8" shoe @ 3073' Delaware Top @ 3106'. Base of Salt @ 2894'.)
- TOH to 700'. Spot 100 sx (300') CL C balanced plug. WOC. RIH and tag TOC (CTOC @ 400'. 13-3/8" shoe @ 540', Top of Salt @ 615')
- TOH. Spot 25 sx CL C 60' to surface.
- Cut wellhead off and set dry hole marker.
- 9# mud will be circulated between each plug.

CONDITIONS OF APPROVAL ATTACHED

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.cmnrd.state.nm.us/oed.

Approval Granted providing work is
Completed by Feb 18th, 2016

Rig Release Date:

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

SIGNATURE Michael Blad TITLE Operations Technician DATE 2/12/2015Type or print name Michael Blad E-mail address: Michael.Blad@dmv.com PHONE: 405-552-8077

For State Use Only

APPROVED BY: JDade TITLE Dist # Supervisor DATE 2/18/2015Conditions of Approval (if any): * See Attached COA's

Well Name: H B 2 STATE 3		Field: PIERCE CROSSING EAST	
Location: 660' FSL & 660' FWL SEC 2-T24S-R29E		County: EDDY	State: NM
Elevation: 3068' KB; 3051' GL; 17' KB-GL		Spud Date: 4/18/03	Compl Date: 7/24/03
API#: 30-015-32715	Prepared by: Mitchel Doolin	Date: 1/28/15	Rev:

CIBP @ 13,019' Bailer dumped 35' cmt (1/24/2004)

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: H B 2 STATE 3		Field: PIERCE CROSSING EAST	
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Elevation: 3068' KB; 3051' GL; 17' KB-GL		Spud Date: 4/18/03	Compl Date: 7/24/03
API#: 30-015-32715	Prepared by: Mitchel Doolin	Date: 1/28/15	Rev:

CURRENT WELLBORE

17-1/2" hole
13-3/8", 48#, H40, STC, @ 540'
 Cmt'd w/500sx to surf.

12-1/4" hole
9-5/8", 36#, J55, LTC, @ 3,073'
 Cmt'd w/1300 sx. To surface

Bone Springs Perfs
 8,199'-8,208'
 8,124'-8,137'
 8,068'-8,073'
 7,963'-7,971'

Liner hanger @ 10,068

8-3/4" hole
7", 26#, J55, LTC, @ 10,400'
 Cmt'd w/1270 sx. Estimated TOC 2,773

Morrow Perfs
 13,445'-13,560'

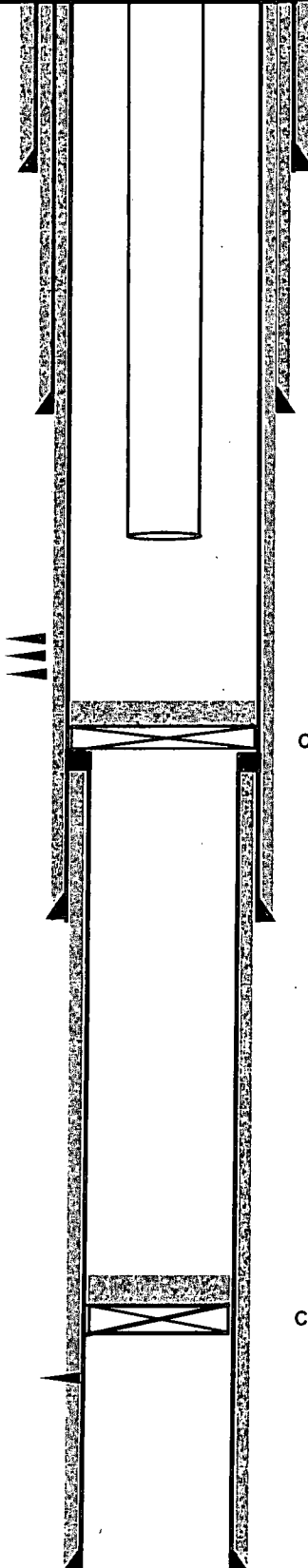
6-1/8" Hole
4-1/2", 13.5#, P-110, LTC, @ 14,085'
 Cmt'd w/510 sx

Tbg Details, 8,394'
 250 jts, 2-7/8", 6.5# L-80 tbg
 1, Tbg Anchor
 14 jts, 2-7/8", 6.5# L-80 tbg
 1, 2-7/8" Blast Jt
 1, Seat Nipple
 1, perforated jt
 1,, 2-7/8", 6.5# L-80 tbg
 Bull Plut

CIBP @ 10,050' Bailer dumped 35' cmt

CIBP @ 13,019' Bailer dumped 35' cmt

14,085' TD



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: H B 2 State # 3

API #: 015 - 32715

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.

DATE: 2/18/2015

APPROVED BY: *RD*

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).