

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 87401
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OGD

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

SEP 17 2018

RECEIVED

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> INJ	WELL API NO. 30-025-23695 <input checked="" type="checkbox"/>
2. Name of Operator CROSS TIMBERS ENERGY, LLC	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 400 WEST 7TH ST, FORT WORTH, TX 76102	6. State Oil & Gas Lease No. 312479
4. Well Location Unit Letter D : 560 feet from the N line and 560 feet from the W line Section 23 Township 17S Range 34-E NMPM County LEA	7. Lease Name or Unit Agreement Name NORTH VAC ABO UNIT <input checked="" type="checkbox"/>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4034 GL	8. Well Number 155 <input checked="" type="checkbox"/>
	9. OGRID Number 298299 <input checked="" type="checkbox"/>
	10. Pool name or Wildcat VACUUM; ABO, NORTH <input checked="" type="checkbox"/>

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.

- CLASSIC cmt
- 1) Set CIBP @ 8492' w/ 25 sx Class H Cement
 - 2) Circulate Mud Laden Fluid
 - 3) Spot 25sx Class H cmt @ 5,600'
 - 4) Spot 25 sx Class H cmt @ 4,700', WOC & tag
 - 5) Spot 25 sx Class H cmt @ 2,850' (B. SAT)
 - 6) Spot 25 sx Class H cmt @ 1,750', WOC & tag. (SHOE)
 - 7) Spot 25 sx Class H cmt @ from 150' to surface
 - 8) Cut off wellhead. Verify cmt to sfc on all strings.

Attempt to sqz cmt into holes in CSG
Pressure test CSG after tag.

Spud Date:

03/21/1971

Rig Release Date:

04/22/1971

See Attached
Conditions of Approval

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

SIGNATURE

Samanntha Angeles

TITLE Regulatory Tech

DATE 09/12/2018

Type or print name Samanntha Angeles

E-mail address: sangeles@mspartners.com

PHONE: 817-334-7747

For State Use Only

APPROVED BY:

Mark White

TITLE P.E.S.

DATE 09/17/2018

Conditions of Approval (if any):

Well Name: North Vacuum Abo Unit #155
 Location: 560' FNL & 560' FWL Sec: 23
 County: Lea State: NM

Township: 17S Range: 34E
 API: 30-025-23695

Surface Csg

Size: 8-5/8"
 Wt & Thrd: 23#
 Grade: J-55, Foster
 Set @: 1,700'
 Sx Cmt: 1,000
 Circ: Yes
 TOC: sfc

07/08/1982: Cemented down 5-1/2" x 8-5/8" annulus w/ 375 sx Class C + 2% CC. Prior RA Svy indicates depth to 1,775'

06/13/2002: Ran in w/ 1" pipe between 5-1/2" x 8-5/8" annulus to 72'. Pumped 20 sx Class C cmt. Filled annulus to surface.

Production Casing

Size: 5-1/2"
 Wt & Thrd: 17# & 15.5#
 Grade: N-80 & J-55 STC & LTC
 Set @: 8,700'
 Sx Cmt: 3,100
 Circ: No
 TOC: 2,592' by T.S.

CURRENT

KB: 4,047'
 GL: 4,034'
 Spud Date: 3/21/1971

Casing leak between surface & 76' (300 psi in 30 mins)

Casing leak between 4,614' - 4,646' (120 psi in 5 minutes)

Guiberson Model "AN" Perm Packer w/ 2.812" Seal Bore @ 8,496'

Guiberson Model "AN" Perm Packer w/ 2.812" Seal Bore @ 8,542'

Abo Perfs: (1 JSPF) (14 holes) 8593, 8594, 8602, 8604, 8621, 8626, 8629, 8630, 8639, 8648, 8651, 8654
 Additional Perfs (2 SPF) (52 holes) 8592, 95, 97, 98, 8601, 03, 05, 09, 10, 12, 13, 14, 22, 25, 27, 29, 31, 32,

PBTD: 8,692'
 TD: 8,700'

UPDATED: 9/12/2018

Well Name: North Vacuum Abo Unit #155
 Location: 560' FNL & 560' FWL Sec: 23 Township: 17S Range: 34E
 County: Lea State: NM API: 30-025-23695

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 Set @: 1,700'
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 TOC: sfc

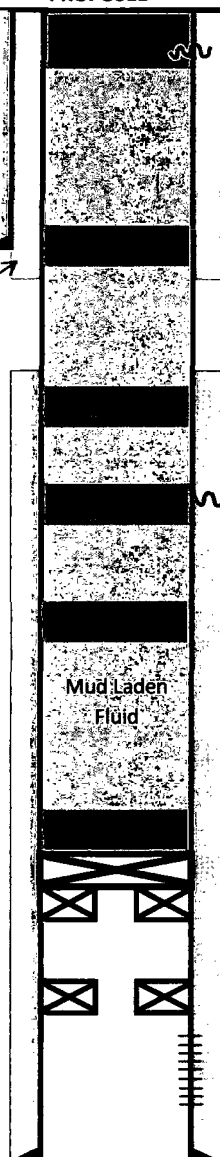
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 Wt & Thrd: 17# & 15.5#
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 Set @: 8,700'
 Sx Cmt: 3,100
 Circ: No
 TOC: 2,592' by T.S.

PROPOSED



KB: 4,047'
 GL: 4,034'
 Spud Date: 3/21/1971

25 sx cmt plug @ 150'

25 sx cmt plug @ 1,750'

25 sx cmt plug @ 2,850'

25 sx cmt plug @ 4,700'

25 sx cmt plug @ 5,600'

CIBP @ 8492' w/ 25 sx cmt

Guiberson Model "AN" Perm Packer w/ 2.812" Seal Bore @ 8,496'

Guiberson Model "AN" Perm Packer w/ 2.812" Seal Bore @ 8,542'

Abo Perfs: (1 JSPF) (14 holes) 8593, 8594, 8602, 8604, 8621, 8626, 8629, 8630, 8639, 8648, 8651, 8654
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PBTD: 8,692'
 TD: 8,700'

GENERAL CONDITIONS OF APPROVAL:

- 1) Insure all bradenheads have been exposed, identified, and valves are operational prior to rigging up on well.
- 2) Contact the appropriate NMOCD District Office no later than 24 hours prior to moving in and rigging up.
- 3) A copy of the approved C103 intent to P&A should be distributed to the onsite company and plugging representatives. Approved procedures are good for a period of one year from approved date, unless otherwise specified on the C103 intent. Approvals past this date will require the submission and approval of a new C103 intent.
- 4) A company representative is required to be present to witness all operations including setting CIBP's, circulation of mud laden fluids, perforating, squeezing or spotting cement plugs, tags, or any other operations approved on the C103 intent to P&A. Company representative should contact the NMOCD and report all operations.
- 5) Any changes that may be required during plugging operations should be approved by the NMOCD before proceeding.
- 6) A closed loop system is to be used for all plugging operations. Contents of the steel pits to be hauled to a NMOCD permitted disposal facility.
- 7) Mud laden fluids must be placed between all cement plugs mixed at 25 sacks of salt gel per 100 barrels of brine.
- 8) All cement plugs will be 100' or 25 sacks cement, whichever is greater. Class 'C' cement will be used above 7500' and Class 'H' below 7500'.