

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
DEC 26 2018
RECEIVED

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.)		WELL API NO. 30-025-38304
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No. B-1519-2
3. Address of Operator 400 W 7TH STREET FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name ENCORE 22 STATE COM
4. Well Location Unit Letter H : 1730 feet from the FNL line and 1000 feet from the FEL line Section 22 Township 17S Range 34E NMPM County LEA		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM

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/ packer & tubing.
- RIH w/ bit & scraper. POOH.
- Set 5-1/2" CIBP @ 12,200'. Dumb bail 35' cmt on top.
- Pressure test to 500 psi.
- Circulate hole w/ packer fluid.
- Perform MIT witnessed by NMOCD.

**Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart**

Spud Date:

3/31/2008

Rig Release Date:

5/2/2008

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

SIGNATURE Samanntha Angeles TITLE Regulatory Technician DATE 12/19/2018

Type or print name Samanntha Angeles E-mail address: sangeles@mspartners.com PHONE: 817-334-7747

For State Use Only

APPROVED BY: George Brown TITLE Compliance Supervisor DATE 11/17/19

Conditions of Approval (if any):

Well Name: North Vacuum Abo Unit #229
 Location: 2000' FSL & 660' FWL Sec: 10 Township: 17S Range: 34E
 County: Lea State: NM API: 30-025-24090

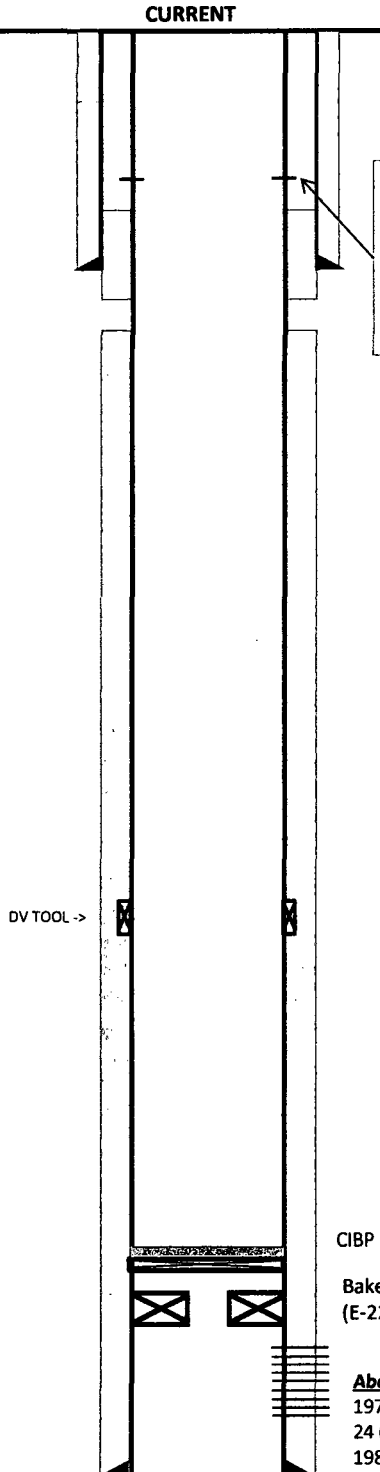
Surface Csg

Size: 8-5/8"
 Wt & Thrd: 24#
 Grade: K-55
 Set @: 1,635'
 Sx Cmt: 1,100
 Circ: Yes
 TOC: sfc

KB: 4,064'
 GL: 4,054'
 Spud Date: 4/7/1972

08/1981: Perf 5-1/2" casing w/ 2 shots @ 800'. Cmt 5-1/2"x8-5/8" Annulus w/ 400 sx Class C cmt.

(Pulled a CBL from 1,700' to surface. Log showed a bridge from 850'-1,175')



Production Casing

Size: 5-1/2"
 Wt & Thrd: 15.5# & 17#
 Grade: SEE NOTE BELOW
 DV TOOL @ 6,097'
 Set @: 8,987'
 Sx Cmt: 1,250
 Circ: No
 TOC: Est'd 1,000'

CIBP @ 8,690' w/ 35' cmt on top

Baker Model 'D' Perm Packer w/ Model (40-26) Anchor Latch Seal Assembly (E-22) @ 8,700'

Abo Perfs

1972 (1 SPF): 8745, 55, 75, 80, 92, 8800, 03, 8901, 06, 24 (10 holes)
 1986(2 SPF): 8774, 78, 79, 82, 83, 90, 94, 98, 8806, 07,

PBTD: 8,951'
 TD: 8,987'

UPDATED: 9/13/2018

From daily drilling report: Ran casing as follows...

81 jts (2621') 17#, N-80 LTC
 58 jts (1894') 17#, K-55 8RD STC
 114 jts (3711') 50#, K-55 8RD STC
 23 jts, (761') J-55, 8RD LTC (might be 15.5# csg)

Cemented w/ 250 sx Class H neat.
 Opened DV Tool. Cemented w/ 1,000 sx Class C neat. No Circ.

Well Name: North Vacuum Abo Unit #229
Location: 2000' FSL & 660' FWL Sec: 10
County: Lea State: NM

Township: 17S Range: 34E
API: 30-025-24090

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Well Name: Encore 22 State Com #1

Location: 1730' FNL & 1000' FEL

Sec: 22

Township: 17S

Range: 34E

County: Lea

State: NM

API: 30-025-38304

Surface Csg

Size: 13-3/8"

Wt & Thrd: 48#

Grade: H-55

Set @: 481'

Sx Cmt: 500 sx

Circ: Yes

TOC: Sfc

KB: 4,059'

GL: 4,041'

Spud Date: 3/31/2008

Intermediate Csg

Size: 9-5/8"

Wt & Thrd: 40#

Grade: J-55 & HC K-55

Set @: 4,770'

Sx Cmt: 1458 sx

Circ: Yes

TOC: Sfc

Production Casing

Size: 5-1/2"

Wt & Thrd: 20#

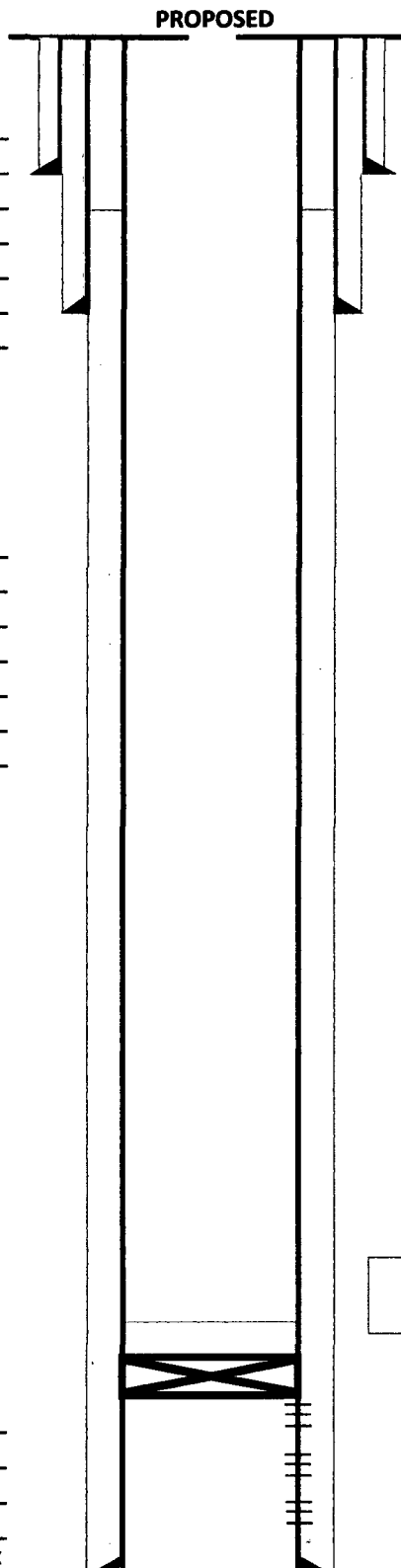
Grade: P-110

Set @: 12,450'

Sx Cmt: 1100 sx & 800 sx

Circ: Yes

TOC: 2957' by TS



CIBP @ 12,200' topped w/ 35' cmt

Morrow Perfs (102 holes):
12,232' - 12,249' (6 spf)

Well Name: Encore 22 State Com #1

Location: 1730' FNL & 1000' FEL

Sec: 22

Township: 17S

Range: 34E

County: Lea

State: NM

API: 30-025-38304

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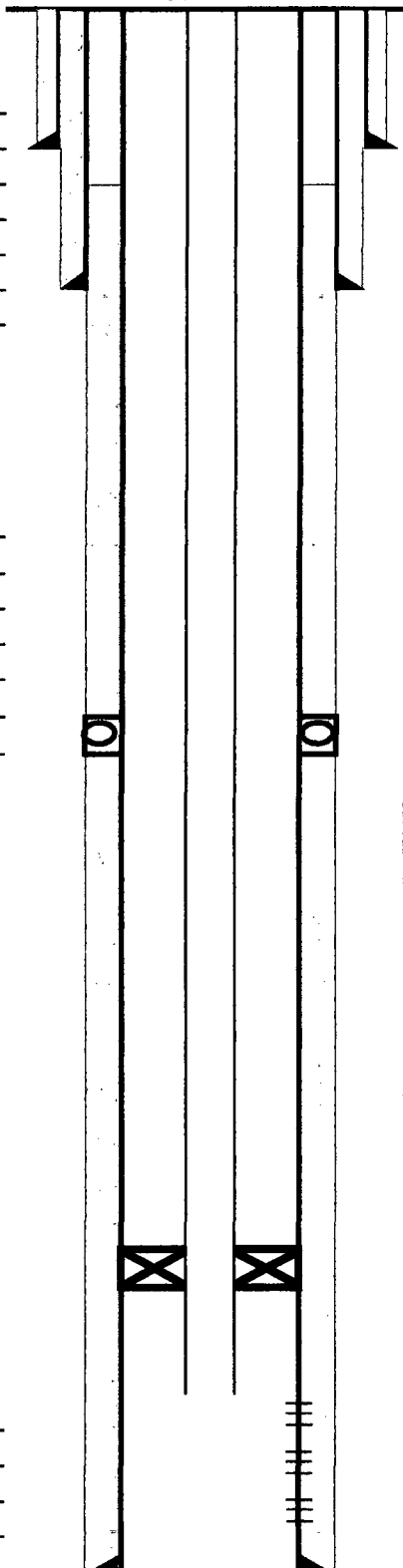
Set @: 12,450'

DV Tool @: 7,992'

Sx Cmt: 1100 sx & 800 sx

Circ: Yes

CURRENT



KB: 4,059'

GL: 4,041'

Spud Date: 3/31/2008

TUBING:

1 jt 2-3/8" tbg

3 pup jts - 2-3/8"x10'x10'x3'

385 jts 2-3/8", 4.7#, L-80 8rd EUE tbg

1 correlation pup jt - 2-3/8" x 6'

2 jts 2-3/8" tbg

on/off tool

Versa-Set Packer w/ 1.875 profile @ 12,115'

1 jt 2-3/8" tbg

X-N nipple

1 jt 2-3/8" tbg

Mechanical gun release

1 jt 2-3/8" tbg

Bar Activated Vent Sub

1 pup jt - 2-3/8" x 8'

Drop Bar Firing Head

Blank gun

3-3/8" x 17' Perf gun

Morrow Perfs (102 holes):

12,232' - 12,249' (6 spf)