

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

WELL API NO. 30-025-23100
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 312479
7. Lease Name or Unit Agreement Name NORTH VACUUM ABO UNIT
8. Well Number #129
9. OGRID Number 298299
10. Pool name or Wildcat (61760) VACUUM; ABO, NORTH

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PUMPBACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐ LAZ MAR 21 2014	
2. Name of Operator CROSS TIMBERS ENERGY, LLC	
3. Address of Operator 400 WEST 7th STREET, FORT WORTH, TX 76102	
4. Well Location Unit Letter B : 860 feet from the N line and 1980 feet from the E line Section 23 Township 17S Range 34E NMPM County LEA	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4028 GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		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.

POH w/ 2 3/8" tbg. RBIH 2 3/8" 8rd IPC tbg. Circ hole w/pkr fluid & perform MIT.

Per Underground Injection Control Program Manual

11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

Spud Date:

4/14/1969

Rig Release Date:

5/29/1969

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

SIGNATURE

Robbie A. Grigg

TITLE

Regulatory Compliance

DATE

3/7/2014

Type or print name

Robbie A Grigg

E-mail address:

rgrigg@mspartners.com

PHONE:

817-334-7842

For State Use Only

APPROVED BY:

Malcolm Brown

TITLE

Compliance Officer

DATE

3/27/2014

CONDITION OF APPROVAL: Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.

MAR 27 2014

NVAU #129
(FKA BRIDGES STATE #129)
WELLBORE DIAGRAM

30-025-23100

ELEV: KB 4,039'
 GL 4,028'
 CORR 11'

DATA

LOCATION: 860' FNL, 1,980' FEL, UNIT B, SEC 23, T17S, R34E
 32.8254435293° N, 103.52916321° W
 2.1 MILES NW FROM BUCKEYE, NM

COUNTY/STATE: LEA CO., NM

FIELD: VACUUM

FORMATION: ABO **POOL CODE:** 61760

SPUD DATE: 4/14/69 **COMPLETION DATE:** 5/29/69

IP: P. 61 BO, 6.8 MCF, 2 BW, 24 HRS (6/9/69). $G_{oil}=39.6^\circ$ API.

API#: 30-025-23100

PROP#: 901387 **312479**

PRODUCTION METHOD: WATER INJECTION

TUBING STRING: 28' - 2 3/8" PUP JTS, 277 JTS 2 3/8", 4.7#, J-55, EUE, 8" TBG. PKR @ 8,405'.

PACKER: 5 1/2" LYNES INFLATABLE @ 8,405'.

PERFS: 8,493', 8,500', 02', 08', 16', 17', 19', 23', 26', 27', 29', 30', 31', 32', 33', 34', 35', 36', 37' & 38' (1 JSPF, 20 HOLES), 5/29/69.
 8,499', 8,502', 09', 17', 29', 34', 38', 43', 45', 55', 57' & 58' (1 JSPF, 12 HOLES), 12/8/69.
 8,501', 03', 10', 11', 20', 24', 28', 30', 42', 44', 46', 47', 56' & 60' (JSPF, 28 HOLES), 6/14/86.

HISTORY

04/14/69: NOBLE DRLG CORP SPUDDED 12 1/4" HOLE FOR MOBIL OIL CORP.

04/16/69: TD 12 1/4" HOLE @ 1,641'. SET 8 5/8", 24# CSG @ 1,641'. CMT'D w/800 SX INCOR CMT w/8% GEL & 2% CaCl₂ FOLLOWED BY 200 SX INCOR CMT w/2% CaCl₂. CIRC CMT TO SURF.

05/22/69: TD 7 7/8" HOLE @ 8,600'. SET 5 1/2", 15.5# & 17#, J-55 CSG @ 8,600'. CMT'd w/1,500 SX TLW CMT & 200 SX INCOR NEAT CMT.

05/23/69: RAN TEMP SVY. TOC 2,615'.

05/27/69: SLB RAN GRN/CCL fr/8,537'-4,400'.

05/28/69: BH SQZ'd w/500 SX INCOR w/6% GEL & 100 SX INCOR NEAT CMT.

05/29/69: PERF'd ABO @: 8,493', 8,500', 02', 08', 16', 17', 19', 23', 26', 27', 29', 30', 31', 32', 33', 34', 35', 36', 37' & 38' (1 JSPF, 20 HOLES).

05/30/69: SPOTTED 15% NEFE HCl ACROSS PERFS. A. ABO fr/8,493'-8,538' w/10,000 GALS 15% NE HCl & 20 BS @ 5.1 BPM & 6,400 PSIG. ISIP 4,200 PSIG, 5" SIP 4,000 PSIG. F. & S. 34 BLO, 38 BNO & 31 BAW, 7 HRS.

06/03/69: TIH w/PROD TBG.

06/04/69: TIH w/PMP & RODS.

06/09/69: IP: P. 61 BO, 6.8 MCF, 2 BW, 24 HRS. $G_{oil}=39.6^\circ$ API.

12/08/69: SLB RAN GR/CCL fr/8,571'-8,300'. PERF'd ABO @: 8,499', 8,502', 09', 17', 29', 34', 38', 43', 45', 55', 57' & 58' (1 JSPF, 12 HOLES).

12/09/69: SET PKR @ 8,542'. A. ABO fr/8,543'-58'. COMMUNICATED AFTER 600 GALS 15% HCl. PU & RE-SET PKR @ 8,460'. A. ABO fr/8,493'-8,558' w/10,000 GALS 15% HCl IN 3 STGS DIVERTED w/300# BJ DIVERT II @ 6 BPM & 5,800 PSIG. ISIP 4,000 PSIG, 15" SIP 3,750 PSIG.

12/23/69: P. 27 BO, 4 BAW, 24 HRS. PRIOR TST: 12 BO, 2 BW (10/23/69).

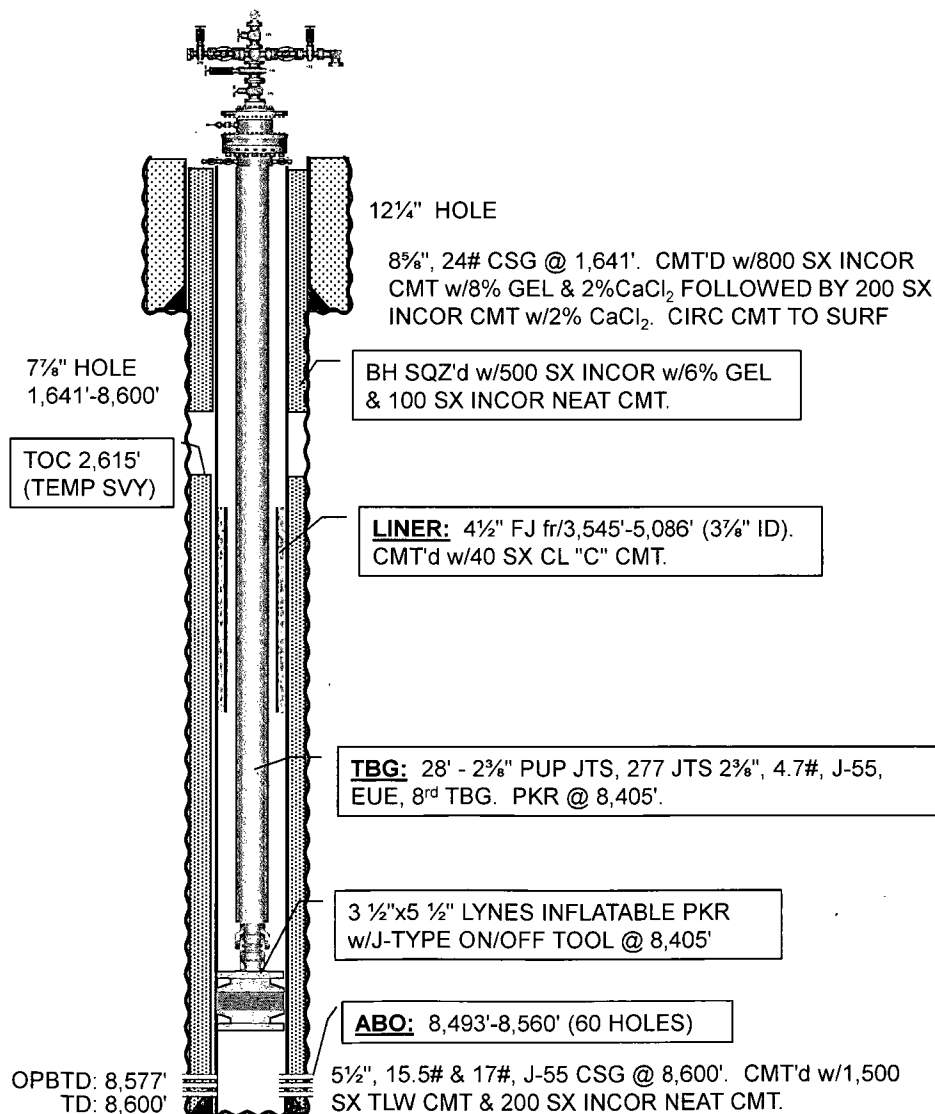
11/14/70: SWF: 20,000 GALS MY-T-FRAC & 42,000# 20/40 SD @ 10 BPM & 6,100 PSIG DWN 3 1/2" FRAC STRING. ISIP 5,000 PSIG, 15" SIP 4,800 PSIG. RAN AFTER FRAC TEMP SVY. TRT'd 8,464'-8,562'.

12/28/70: P. 36 BO, 4 BW, 24 HRS. PRIOR TST: 12 BO, 0 BW, 24 HRS, 11/13/70.

11/12/74: TIGHT SPOT IN CSG fr/4,547'-48'.

11/15/74: TIH w/4 1/4" MILL. MILLED OUT TIGHT SPOTS @ 3,200' & 4,555'-56'.

11/19/74: SET RBP @ 7,400'.



NVAU #129
(FKA BRIDGES STATE #129)
WELLBORE DIAGRAM

11/20/74: SET PKR @ 4,013'. ATTEMPTED TO EIR INTO CSG LK. PRESS UP TO 5,000 PSIG. SPOTTED 500 GALS 15% HCl @ 4,550'. EIR @ 3 BPM & 3,000 PSIG. SQZ'd CSG LK w/500 SX CL "C" CMT w/18% SALT TO 2,800 PSIG.

11/22/74: DO CMT fr/4,205'-4,550'.

11/23/74: SITP 1,300 PSIG. F. ½" STREAM OF WTR. PT CSG BELOW 4,012'. BLED fr/5,000 PSIG-3,000 PSIG, 10". SPOTTED 300 GALS 15% HCl @ 4,550'.

11/25/74: SPOTTED 500 GALS 15% HCl @ 4,550'. DISPL ACID @ 2 BPM & 3,800 PSIG. SQZ'd CSG LK w/500 SX CL "C" CMT w/18% SALT TO 4,100 PSIG.

11/27/74: DO CMT fr/4,142'-4,434'.

11/28/74: DO SOFT CMT fr/4,434'-4,550'. FLW'd ½" STREAM OF WTR.

11/30/74: POH w/RBP. SPOTTED SD OVER PERFS. SET ALBP @ 5,102'.

12/04/74: SET 4½" FJ LINER fr/3,545'-5,086'. CMT'd w/40 SX CL "C" CMT.

12/05/74: TIH w/4¾" BIT TO TOL @ 3,545'. NO CMT ON TOL. CIRC OUT 16 PPG MUD. FLW'g WTR.

12/06/74: JARRED LINER LOOSE. POH w/LINER.

12/09/74: LOADED HOLE w/16 PPG MUD. SET 4½" FJ LINER fr/3,545'-5,086'. CMT'd w/40 SX CL "C" CMT.

12/10/74: DO CMT fr/3,390'-3,545'. DISPL HOLE w/WTR. NO FLOW.

12/11/74: TIH w/3¾" BIT. DO 2' CMT IN LINER TOP, CO TO 8,575' w/3¾" BIT.

12/16/74: RWTP.

12/31/74: A. ABO fr/8,493'-8,558' w/3,500 GALS 7½% MCA w/1 GAL/MGAL MORFLO II @ ½ BPM & 1,000 PSIG. ISIP 600 PSIG, 10" SIP 0 PSIG.

04/15/81: TIH w/3¾" OD LYNES INFLATABLE PKR. SET PKR @ 8,400'. A. ABO fr/8,493'-8,558' w/10,000 GALS 15% DS-30 HCl IN 3 STGS DIVERTED w/30 BS @ 1.4 BPM & 3,000 PSIG (MAX). ISIP 2,800 PSIG, 10" SIP 2,400 PSIG.

04/16/81: POH w/TBG & PKR. LEFT PKG ELEMENT IN HOLE (4½' RUBBER SLEEVE). TIH w/PROD TBG.

04/17/81: TIH w/PMP & RODS.

04/28/81: P. 40 BO, 16 BLW, 24 HRS. 208 BLWTR. PRIOR TST: 25 BOPD, 1 BWPD.

06/11/86: POH w/RODS, PMP & TBG.

06/12/86: GO RAN GR/CCL fr/8,537'-8,000'. **NOTE: GO GR/CCL IS 40' OFF FROM SLB GR/CCL.**

06/13/86: TIH w/3¾" BIT. CO TO 8,580'.

06/14/86: PERF'd ABO @: 8,501', 03', 10', 11', 20', 24', 28', 30', 42', 44', 46', 47', 56' & 60' (2 JSPF, 28 HOLES). TIH w/3½" LYNES SINGLE SET PKR, J TYPE ON/OFF TOOL (1/4 TURN TO LEFT TO REL), 278 JTS 2¾", 4.7#, J-55, EUE, 8" TBG. SET PKR @ 8,431'.

06/15/86: A. ABO fr/8,493'-8,560' w/6,000 GALS 15% NEFE HCl & 110 BS @ 4 BPM & 4,000 PSIG. COMMUNICATED AFTER 3,400 GALS PPD.

06/17/86: POH w/PKR. TIH w/EXCHG LYNES INFLATABLE PKR, ON/OFF TOOL & 2¾" TBG. SET PKR @ 8,400'.

06/18/86: STTD INJECTING. INJ 317 BWPD @ 0 PSIG.

06/20/86: INJ 268 BW, TP 1,750 PSIG, 24 HRS.

05/25/88: RAN STEP-RATE TEST. PARTING PRESS 4,160 PSIG @ 800 BWPD.

06/22/88: AUTHORIZED INJ PRESS INCR TO 4,110 PSIG.

05/31/89: RAN STEP-RATE TEST. PARTING PRESS 4,390 PSIG @ 350 BWPD.

08/01/89: AUTHORIZED INJ PRESS INCR TO 4,340 PSIG.

09/25/89: REPL PKR.

01/12/90: AUTHORIZED INJ PRESS INCR TO 4,370 PSIG.