

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3a. Address

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,480' FNL & 1,150' FWL Sec 28, T28N, R10W

FORM APPROVED

Budget Bureau No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NMSF - 0077383A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No

JC Davidson #2

9. API Well No.

30-045-21054

10. Field and Pool, or Exploratory Area

Filcher Kutz PC

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

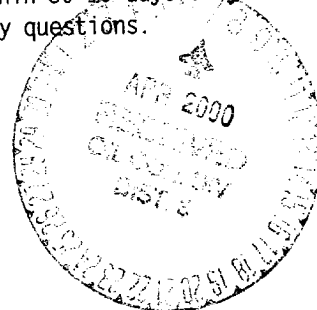
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☐ Other |
| ☐ Change Plans | ☒ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers request your approval to Plug and Abandon the above mentioned well. A copy of the procedure is enclosed for you review. Cross Timbers will plug the well within 30-90 days of your approval. Feel free to contact Cross Timbers Operating Co. if there are any questions.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jeffrey W. Patton

Title

Operations Engineer

Date

3/09/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

by Carla Baecham

Title

Office

Date

APR - 5 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



J.C. Davidson #2

Plug to Abandon

Casing: Surface: 8-5/8", 23#, X-42 @ 219' KB. Circ 50 sx cmt to surface.
Long string: 4-1/2", 9.5#, K-55, STC csg @ 2,285' KB. PBTD
2,231' KB. Circ 10 sx cmt to surface.

Perforations: **Pictured Cliffs** fr/2,155'-2,182' KB.

Tubing: OPMA, 2-3/8" x 4' perf sub, SN, 69 jts 2-3/8", 4.7#, J-55, EUE,
8rd tbg, 1 - 6', 1 - 4' & 1 - 3' tbg sub. EOT @ 2,209' KB.

Pump & rods: 10' GAC, 2" x 1-1/4" x 8' RWBC pmp (SN CT044) & 87 - 3/4"
rods.

Current Status: SI gas well.

Objective: Plug and Abandon.

1. Test anchors on location, if required.
2. MIRU PU. Use pole rig if possible
3. Blow dwn well. Kill well w/wtr as required. ND WH. NU BOP. TOH & LD rods & pmp. TOH & LD tbg subs, 2-3/8" tbg & OPMA. Return pmp, rods & tbg to CTOC yard.
4. Check bradenhead for pressure or blow.
5. ND BOP. NU WH. RDMO PU or pole rig.
6. Have roustabout crew remove all surface equipment, tnks & mtr run. Also have roustabout crew dig small wash-up pit for plugging operation if needed.
7. Call & notify BLM (or as instructed) prior to beginning the plugging operation.
8. Blow dwn well. Kill well as required. ND WH. NU flange or swedge and valve as required.
9. MI & RU cmt pmp trk. Load csg & EIR into Pictured Cliffs w/wtr. Record rates & pressures. Notify CTOC engineer with rates & pressure. Obtain approval to continue P&A operations.
10. Pump the 1st plug dwn the 4-1/2" csg fr/surface to 2,182' w/200 sx (20% excess) neat class "B" cmt @ 15.6 ppg. Mix 2% CaCl₂ in the cmt mix wtr. Attempt to pmp 10 sx cmt into formation. Squeeze cmt to 500 psig if possible. Displace w/1 bbl wtr if necessary. **Note:** Have the cmt service company load an additional 50-100 sx neat class "B" cmt for back-up.
11. WOC.



12. PT 1st plug to 500 psig for 5". Consult with BLM for additional PT specifications.
13. ND valve & flange or swedge. Cut off csg as required.
14. Top out the 4-1/2" csg if necessary. Consult w/BLM for top out procedure. RDMO cmt trk. Return unused cmt to service company for credit.
15. Reclaim location as specified by the BLM and/or original APD.
16. Install abandonment marker as required by BLM.

Approvals: _____

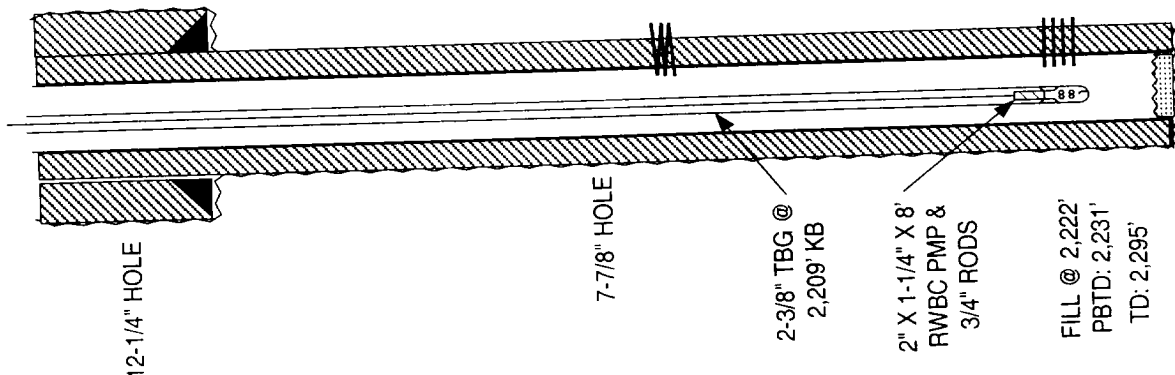
J. C. DAVIDSON #2

WELLBORE DIAGRAM

CURRENT

KB: 6,151'
GL: 6,142'
KB: 9'

8-5/8" 23# X-42 STC CSG @ 219'.
CMT'D W/200 SX IDEAL TYPE "A"
CMT W/2% CACL2. CIRC 50 SX CMT.



DATA:

LOCATION: 1,480' FNL & 1,150' FWL, UNIT E SEC 28 T28N R10W
COUNTY/STATE: SAN JUAN, NM
FIELD: FULCHER KUTZ PICTURED CLIFF
API #: 30-045-21054
CTOC ACCTG #: 70180
OGRIID#: 167067
LEASE NO: SF-077383-A
PROPERTY CODE:
FORMATION: PICTURED CLIFFS
SPUD DATE: 11/7/72
COMPLETION DATE: 11/27/72
IP: F. 0 BO, 0 BW, 487 MCF, FTP 29 PSIG, SICP 212 PSIG, 3/4" CK, 24 HRS. (3 HR TEST)
PRODUCTION METHOD: FLOWING
TUBING STRING: OPMA, PERF SUB, SN & 69 JTS 2-3/8", 4.7#, J-55, EUE, 8RD, TBG EOT @ 2,209' KB.
PUMP & RODS: 10' GAC, 2" X 1-1/4" X 8' RWBC PMP & 87 - 3/4" RODS
PERFS: 2,155'-66' & 2,172'-82' (2 SPF).

HISTORY:

11/07/72: AMOCO SPURRED WELL W/CIRCLE A DRLG CO. RIG #20.
11/08/72: RAN 5 JTS 8-5/8" 23# X-42 STC CSG & SET @ 219' IN 12-1/4" HOLE. CMT'D W/200 SX IDEAL TYPE "A" W/2% CACL2. CIRC 50 SX CMT.
11/10/72: MUDDUP WELL FR/FW-SPUD MUD TO 9.3 PPG GEL MUD. 1,600' DP GOT STUCK W/GOOD CIRC.
11/11/72: TD'D 7-7/8" HOLE. COND HOLE TO LOG. WELEX RAN IND & CDNL LOGS. RAN 70 JTS 4-1/2" 9.5# K-55 STC CSG & SET @ 2,285'. CMT'D W/525 SX CLASS "C" 50/50 POZMIX W/6% GEL & 2#/SX TUF PLUG TAILED W/75 SX CLASS "C" NEAT. CIRC 10 SX TO SURF.
11/14/72: RAN CORR LOGS. PERFD FR/2,182'-72' & 2,166'-55' W/2 JSPF (42 HOLES, 0.41" DIA). SPOTTED 500 GALS OF 15% HCL. FRAC'D W/35,000 GALS TRT WTR (1% KCL & 10#/1,000 GALS GEL) W/5,000# 20/40, 20,000# 10/20 & 10,000# 8/12 SD. MP 2,200 PSIG, AIR 62.5 BPM. ISIP 500 PSIG, 10' SIP VAC. RIH W/1-1/4" TBG. LANDED @ 2,178'.
11/18-22/72: TSTD WELL, FLWD W/HEAVY STREAM OF WTR. GAUGED @ 470 MCFPD. AOF 947 MCFPD, 3/4" CK.
04/05/91: BRADENHEAD TST: TBG 159 PSIG, CSG 159 PSIG, BH 0 PSIG. WELL SI.
05/08/92: BRADENHEAD TST: TBG 127 PSIG, CSG 155 PSIG, BH 0 PSIG. WELL SI.
01/01/98: CTOC ASSUMED OPERATIONS FROM AMOCO.
03/11/99: SITP 0 PSIG, SICP 134 PSIG. BFL 800' FS. S. 0 BO & 0 BW IN 2 HRS (2 RUNS). FFL 900' FS. STACKED OUT @ 1,000' FS ON BOTH RUNS. RDMO SU.
04/09/99: FIRST REPORT TO REPAIR CSG LK. SITP 0 PSIG, SICP 0 PSIG. MIRU PU. ND WH. NU BOP. PU 2 JTS 1 1/4" TBG. TAGGED FILL @ 2,225' KB (6' FILL). PERFS FR/2,155'-2,182'. TOH & LD 2 JTS 1 1/4" TBG. TALLIED OUT OF HOLE W/67 JTS 1 1/4" TBG (2,166.49'). TBG WAS LANDED @ 2,175' KB. LD LAST 7 JTS 1 1/4" TBG (HOLES FR/CORROSION). TIH W/RBP. RETRIEVING HEAD, 2' SUB, PKR, UNLOADER, 64 JTS 2-3/8" TBG & 18' OF THE 65TH JT. SET RBP @ 2,094' KB. TOH & LD 65TH JT 2-3/8" TBG. SET PKR @ 2,062' KB. RU PMP. LOADED TBG W/5 BBLs 2% KCL WTR & TSTD TO RBP TO 1,000 PSIG. HELD OK. LOADED CSG W/21 BBLs 2% KCL WTR & TSTD TO 500 PSIG. DID NOT HOLD. PRESS DROPPED TO 200 PSIG IN 10". RELEASED PKR. TOH W/28 JTS 2-3/8" TBG TO 1,170' KB. TSTD TO 500 PSIG. PRESS HELD. MOVED PKR UP & DOWN HOLE. ISOLATED LK BETWEEN 27TH JT (879' KB) AND 33RD JT

TWD UPDATED 05/11/99

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(1,072' KB) (193' TTL). TOH W/8 JTS 2-3/8" TBG. SET PKR @ 847' KB. SWI. SDFN. 26 BLWTR.

04/10/99: SITP 0 PSIG, SICP 0 PSIG. RU TO SWB. BFL 500' FS. S. 2 BLW, 3 RUNS (PKR @ 847' KB). 4TH RUN DRY. SD FOR 40". FL @ 500' FS. S. 1.5 BLW IN 2 RUNS. 7TH RUN DRY. RD SWB. RU PMP. TSTD ANNULUS TO 500 PSIG. LOST 250 PSIG IN 20". RU TO EQUALIZE W/1,000 PSIG ON TBG & CSG. PRESS UP TBG & PRESS WENT TO 2,300 PSIG. PRESS DROPPED TO 0 PSIG. TSTD ANNULUS TO 1,000 PSIG. SLOWLY BLEDED OFF. RD PMP. REL PKR & TOH W/22 JTS 2-3/8" TBG. TBG & TOOLS. TIH W/RE-DRESSED 3.750" TENSION PKR & 28 JTS 2-3/8" TBG. SET PKR & PRESS TSTD. DID NOT HOLD. REL'D PKR. PU & LD 1 JT TBG. SET PKR (879'). TSTD TBG/CSG ANNULUS TO 500 PSIG. HELD FOR 10". REL PKR. TIH W/4 JTS TBG. SET PKR. TSTD TBG/CSG ANNULUS TO 500 PSIG. DID NOT HOLD. REL PKR & TIH W/1 JT TBG TO 1,072". PRESS TSTD CSG BELOW PKR TO 500 PSIG FOR 10". HELD OK. REL PKR & TOH W/6 JTS TBG TO 808". SET PKR. EST INJ RATE @ 2 BPM & 950 PSIG. SD. PRESS BLEDED FROM 900 PSIG TO 0 PSIG IN 3.5". SWI.

04/13/99: SITP 0 PSIG, SICP 0 PSIG. MIRU DOWELL. TSTD LINES TO 2,000 PSIG. SET PKR @ 654' KB. PPD 3.2 BW @ 0.25 BPM & 1,042 PSIG TO ESTABLISHED INJECTION RATE INTO LEAK. TOH W/2-3/8" TBG & TOOLS. TIH OPEN ENDED W/33 JTS 2-3/8" TBG TO 1,062' KB. SPOTTED 50 SX CLASS "B" CMT W/2% CACL (10.5 BBS). DISPLACED W/1 BW. TOH W/33 JTS 2-3/8" TBG. LOADED HOLE W/1 BW. SHUT RAMS ON BOP. SQUEEZED TO 1,001 PSIG W/0.75 BW. PRESSURE DROPPED TO 973.5 PSIG IN 10". SWI. RD DOWELL. WOC 4 HRS. TIH W/3-7/8" CONE BIT, BIT SUB, 6 DC'S & 9 JTS 2-3/8" TBG. TGD CMT @ 471' KB. ESTABLISHED CIRC & DRILLED OUT CMT W/10 JTS TBG & 18' OF 11TH JT TO 780' KB. CIRC HOLE CLEAN. PU & LD 1 JT 2-3/8" TBG. TOH W/2 JTS 2-3/8" TBG TO 696' KB. SWI. SDFN. WOC. MI, SET & INSTALLED CSI RENTAL SCREW COMP. UNIT #4134, MODEL #VRG 330 "B", SIZE 3.875 X 4.665 & SN G49413-58. SD WAITING ON CSI START UP. COMP SET IN LATERAL POSITION ON WILLIAMS LINE TO SERVICE JC DAVIDSON #1 & #2.

04/14/99: SITP 0 PSIG, SICP 0 PSIG. TIH W/2 JTS 2-3/8" TBG TO 696' KB. ESTABLISHED CIRC & DRILLED OUT TO 865' KB (169'). CEMENT STILL SOFT. TOH W/8 JTS 2-3/8" TBG TO 613' KB. SWI. SDFN. WOC.

04/15/99: SITP 0 PSIG, SICP 0 PSIG. TIH W/8 JTS 2-3/8" TBG TO 865' KB. ESTABLISHED CIRC. DRLD CMT TO 986' KB. TSTD CSG TO 500 PSIG. HELD FOR 10". DRLD CMT TO 1,051' KB. TSTD CSG TO 500 PSIG. DROPPED 80 PSIG IN 5". FINISH DRLG OUT CMT. BTM OF CMT @ 1,071' KB. PU & TIH W/2 JTS 2-3/8" TBG TO 1,135' KB. NO CMT. CIRCULATED HOLE CLEAN. TOH & LD 2 JTS 2-3/8" TBG. LD PWR SWVL. TIH W/6 JTS 2-3/8" TBG TO 1,275' KB (END 2-3/8" TBG @ 1,097' KB). TSTD CSG TO 500 PSIG. DROPPED 25 PSIG IN 30". FOUND SMALL LEAK ON BOP. BLEDED DWN PRESS & REPAIRED LEAK. TSTD CSG TO 500 PSIG. DROPPED 3 PSIG IN 20". TOH & LD 8 JTS 2-3/8" TBG. TOH W/26 JTS 2-3/8" TBG. LEFT 2 JTS TBG & DC'S (245') IN HOLE. SWI. SDFN. 32.5 BLWTR.

04/16/99: SITP 0 PSIG, SICP 0 PSIG. TOH & LD 2 JTS 2-3/8" TBG. 6 DC'S, BIT SUB & CONE BIT. TIH W/RETRIEVING HEAD, 1 JT 2-3/8" TBG, SN & 64 JTS 2-3/8" TBG. RU PMP. CIRC SD OFF RBP. RD PMP. RU SWB. BFL @ SURF. S. 26 BLW IN 19 RUNS (2 HRS). FFL 2,000' FS. RD SWB. LATCHED ONTO & RELEASED RBP (2,094' KB). TOH & LD 64 JTS 2-3/8" TBG, SN, 1 JT 2-3/8" TBG, RETRIEVING HEAD & RBP. TIH W/60 JTS 1-1/4" TBG. TOH & LD 40 JTS 1-1/4" TBG. LEFT 20 JTS (640') IN HOLE AS POSSIBLE KILL STRING. SWI. SDFN. 6.5 BLWTR.

04/17/99: SITP 0 PSIG, SICP 0 PSIG. TOH & LD 20 JTS 1-1/4" TBG. TIH W/NC, SN & 69 JTS 2-3/8", 4.7#, J-55, EUE, 8RD, BLUE BAND TBG (38 TURNED DOWN COLLARS & 31 REG COLLARS). EOT @ 2,181' KB. SN @ 2,180' KB. ND BOP. NU WH. RU TO SWB. BFL 1,300' FS. S. 6.5 BLW & 16.5 BW IN 7 HRS (30 RUNS). FFL 1,900' FS. RD SWB. SWIFBPU.

04/20/99: SITP 0 PSIG, SICP 0 PSIG. RU SWB. TIH TO CHECK FL. FL @ 1,500' FS. TOH W/SWB. RDMO PU. MIRU SU. BFL 1,500' FS. S. 18 BW, 5-1/2 HRS (28 RUNS). FFL 1,800' FS. FTP 0 PSIG, SICP 0 PSIG. SWI. SDFN.

04/21/99: SITP 0 PSIG, SICP 0 PSIG. RU TO SWB. BFL 1,400' FS. S. 32 BW IN 10 HRS (57 RUNS). FFL 1,900' FS. FTP VAC, SICP 0 PSIG. SWI. SDFN.

04/22/99: SITP 0 PSIG, SICP 0 PSIG. RU TO SWB. BFL 1,600' FS. S. 12 BW IN 5.5 HRS (30 RUNS). FFL 1,900' FS. RDMO SU. SWIFBPU

05/05/99: SITP 0 PSIG, SICP 0 PSIG. MIRU SU. BFL 1,500' FS. S. 29 BW IN 9 HRS (60 RUNS). FFL 1,900' FS. SWI. SDFN.

05/06/99: SITP 0 PSIG, SICP 0 PSIG. BFL 1,600' FS. S. 32 BW IN 10 HRS (65 RUNS). FFL 1,950' FS. SWI. SDFN.

05/07/99: SITP 0 PSIG, SICP 0 PSIG. BFL 1,600' FS. S. 32 BW IN 10 HRS (60 RUNS). FFL 1,900' FS. SWI. SDFN.

05/10/99: SITP 0 PSIG, SICP 0 PSIG. FL @ 1,600' FS. RDMO SU. SWIFBPU.

05/18/99: MIRU PU. TIH W/2 JTS TBG. TGD FILL @ 2,222' KB. TOH W/TBG, SN & NC. TIH W/OPMA, PERF SUB, SN & 69 JTS 2-3/8" TBG. LANDED EOT 2,209' KB. TIH W/10" GAC, 2" X 1-1/4" X 8' RWBC PMP & 87 - 3/4" RODS. SPACED OUT PMP. SET USED OILWELL 57 PPG UT W/ARROW C-66 GAS ENGINE. HWO. RWTP ON ROD PMP.

05/19/99: RDMO PU. PPG OK.

10/08/99: DISCONNECTED & REMOVED CSI RENTAL WH SCREW COMP.

12/03/99: DISCONNECTED & REMOVED OILWELL 57 PPG UT W/ARROW C-66 GAS ENGINE.