

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I

P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-045-25510

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
State Gas Com BZ

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Cross Timbers Operating Company

3. Address of Operator
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

4. Well Location
Unit Letter I: 1,850 Feet From The South Line and 1,080 Feet From The East Line

Section 32 Township 29N Range 10W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
5,678' GL

11. 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 ☐
OTHER: Request DHC workover procedure approval ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Cross Timbers is requesting approval to DHC the above mentioned well using the enclosed procedure. As of right now, Cross Timbers has received authorization to DHC this well from the Commissioner of Public Lands but not from the NMOCD office in Santa Fe. The workover to complete the DHC will began as soon as possible once Cross Timbers has received NMOCD approval from Santa Fe and approval to use the enclosed procedure.

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

SIGNATURE Jeffery W. Patton TITLE Production Engineer DATE 5/21/99

TYPE OR PRINT NAME Jeffery W. Patton TELEPHONE NO. 324-1090

(This space for State Use)

SUPERVISOR DISTRICT # 3

MAY 24 1999

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



State Gas Com "BZ" #1

DHC the Gallup & Chacra WORKOVER PROCEDURE

WI – 100.0000%
NRI – 85.0000%

Casing: Surface: 13-3/8", 54.4# STC csg @ 308' KB.
Intermediate: 9-5/8", 47.0#, S-95 csg @ 3,548' KB.
Liner: 7", 23.0#, S-95 liner fr/3,312'-5,385' KB.
Slotted Liner: 4-1/2", 10.5#, J-55, STC liner fr/5,254'-5,830' PBSD 5,861' KB.

Perforations: Chacra fr/2,881'-94' & 2,976'-3,006' (2 JSPF).

Open Hole: Gallup OH fr/5,385'-5,861'.

Tubing: Triple Strings:
SS. 96 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, "F" nipple, 1 jt 2-3/8" tbg & muleshoe. Tbg landed @ 2,986'.
LS's. (Production string?) 1 jt 2-3/8" tbg, 1-4', 2-8' x 2-3/8" pup jts (20' ttl), 92 jts 2-3/8", 4.7#, J-55, EUE 8rd tbg, 2-20' & 1-10' blast jts (50' ttl), 1 jt 2-3/8" tbg, 1-6', 1-4' x 2-3/8" pup jts (10' ttl), 3-20' & 1-10' blast jts (70' ttl), 2-10' x 2-3/8" pup jts (20' ttl), 69 jts 2-3/8", 4.7#. J-55, EUE, 8rd tbg, 1-3.5' x 2-3/8" pup jt, Baker "AL-5" pkr (5,146' KB), 2-3/8" x 2-1/16" XO, 16 jts 2-1/16", 3.2#, J-55, IJ, 10rd tbg, 2-1/16"x1-1/4" XO, 1-1/4" (1.18" ID) "F" nipple & 1-1/4" muleshoe (@ 5,675' KB).
(Vent string?) 2-3/8"x2-1/16" XO, 1 jt 2-1/6" tbg, 2-10' x 2-1/16" pup jts (20' ttl), 84 jts 2-1/16", 3.2#, J-55, IJ, 10rd tbg, blast jts (50' ttl), 1-10' x 2-1/16" pup jt, 1 jt 2-1/16" tbg, blast jts (70' ttl), 1-4' x 2-1/16" pup jt, 62 jts 2-1/16", 3.2#, J-55, IJ, 10rd tbg, 2-1/16" (1.43" ID) "F" nipple, 1 jt 2-1/16" tbg & snap latch seal nipple (stung into top of pkr @ 5,146' KB). Below pkr 1-4' x 2-3/8" pup jt & 2-3/8" (1.78" ID) "R" nipple (@ 5,157' KB).

Current Status: Well currently flwg as surface commingle.
Gallup currently flwg @ 21 MCFPD (25% of ttl vol) & 156 psig.
Chacra currently flwg @ 64 MCFPD (75% of ttl vol) & 156 psig.

Objective: Remove triple tbg string. CO well to PBSD. RWTP as a DHC.

Special Equipment: *Slip grip elevators may be required to trip 2-3/8" tbg. Slip grip elevators will be required for 2-1/16" IJ tbg.*

1. Test anchors on location.
2. MIRU PU. Check and record tubing, casing and bradenhead pressures. Record production & pit tank gauges, if possible.
3. Blow down well and kill w/2% KCl wtr if necessary.



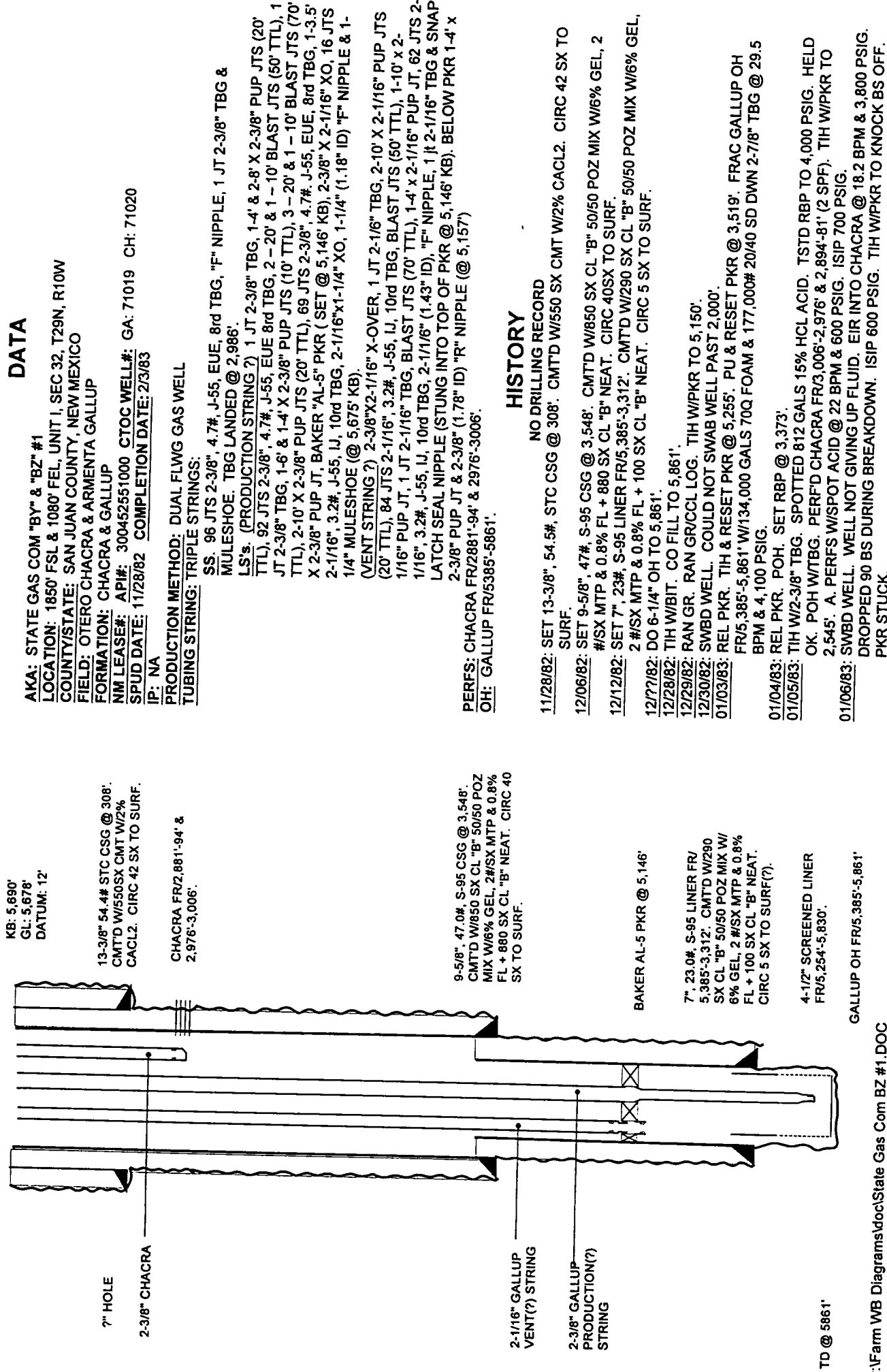
4. ND WH. NU and pressure test BOP's.
5. TOH & stand back 2-3/8" (SS) Chacra tbg. Visually inspect and LD bad tbg while TOH. Return bad 2-3/8" tbg to CTOC yard for salvage. Notify Larry Babcock that tbg has come from the Chacra reservoir.
6. RU 2-1/16" elevators & slips. Sting out of seal bore & TOH w/2-1/16" production tbg (LS). The seal nipple was set w/8,000# compression. LD all 2-1/16" tbg. Return all 2-1/16" tbg to CTOC yard for inspection. Notify Larry Babcock that the 2-1/16" tbg is from the Gallup formation.
7. RU to pull remaining tbg. Switch to 2-3/8" slip grip elevators if required (tbg may have slim hole collars). Shear production pkr loose w/40K over string weight. Contact Baker Oil Tools for help if packer will not release. TOH w/pkr & tbg. Stand back all 2-3/8" tbg. Visually inspect tbg while TOH. LD pkr & bad tbg.
8. ***Switch to 2-1/16" slip grip elevators.*** TOH & LD all 2-1/16" tbg. Return 2-1/16" tbg to CTOC yard for inspection. Notify Larry Babcock that bad tbg is being returned from the Mesaverde side of the well.
9. TIH w/notched collar, SN & 2-3/8" tbg. Tag for fill (op hole to 5,861'). If tbg appears to be dragging while TIH. MIRU hot oil trk. Contact chemical company for recommended paraffin control chemicals. CO paraffin w/hot wtr or lease oil. RD hot oil trk.
10. If fill is found & CO is required, TIH w/pmp bailer & 2-3/8" tbg. CO sd fill to btm of the OH @ 5,861'.
11. TOH. Stand back 2-3/8" tbg. LD all unused 2-3/8" tbg. Load & return tbg to CTOC yard for salvage. Notify Larry Babcock that tbg is being returned from the Gallup formation.
12. TIH w/25'x2-3/8" OPMA, 6'x2-3/8" perf sub, SN & ±189 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Land end of OPMA as deep as possible. Rabbit all tbg while TIH.
13. ND BOP. PU & TIH w/2 (±60') jts 1-1/4" tbg for chemical injection. Use existing wellhead and donut for the production tbg (2-3/8") & chemical injection tbg (1-1/4") if possible. Use XO's as required to land 1-1/4" tbg in donut.
14. NU WH. RU swab. Broach tbg. If tbg appears to have paraffin, RU hot oil trk. CO tbg. RDMO hot oil trk. Swab well to pit. Gauge production. Once well can produce & stay unloaded, RWTP dwn sales.



15. RDMO PU. RU SU if necessary. Upon evaluation of production and the susceptibility of liquid loading, the well will be placed on either plngr lift or rod pmp. The appropriate procedure will follow as required.

Approvals: *ASM* 5/11/99

STATE GAS COM "BZ" #1 WELLBORE DIAGRAM



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01/07/83: POH W/PKR. TIH W/BP & PKR. SET BP @ 2,929'. SET PKR @ 2,863'. BROKE PERFS DOWN W/39 BS @ 13 BPM & 2,600 PSIG. ISIP 900 PSIG. REL PKR. TIH & KO BS. PU BP. POH.
01/08/83: F. CHACRA FR2,881'-3,006' W/107,000 70Q FOAM & 157,000# 20/40 SD. OWU.
01/09/83: SWI FOR PBU.
01/11/83: TIH W/TBG. TAGGED SD @ 3,280'. CO TO RBP @ 3,373'. PU TO 2,692'. WELL FLWG.
01/19/83: CO SD OFF BP @ 3,373'. REL RBP. POH. TIH W/BIT TO 5,360'.
01/20/83: TIH UNLOADING WELL. CO TO 5,540' WN2.
01/21/83: CO TO 5,540'. POH.
01/22-26/83: CO FILL TO PBT.D.
01/27/83: TIH W/4-1/2" SCREENED LINER FR/5,254'-5,830'.
02/01/83: TIH W/2-3/8" LT & PROD PKR. LANDED TBG @ 5,812'. PKR @ 5,135'.
02/02/83: TIH W/ 2-1/6" TBG. LANDED TBG @ 5,140' (IN PKR).
02/03/83: TIH W/SS TO 3,118'.
04/28/83: TIH W/PMP & RODS. GALLUP ON ROD PMP.
04/05/95: STRIPPED OUT RODS ON GALLUP SIDE (PMP STUCK). FOUND RODS PARTED ABOVE PMP.
04/06/95: VENT LINE PLUGGED W/PARAFFIN. PPD HOT OIL DWN GALLUP SIDE & UP VENT STRING.
04/07/95: POH W/SS (CHACRA). POH W/10 STDS OF VENT STRING. FOUND PARAFFIN PLUG 24 JTS DWN.
04/08/95: FIN POH W/VENT STRING.
04/09/95: REL PKR. TIH W/LS (GALLUP) & TAGGED FILL @ 5,832'. POH W/LS.
04/10/95: TIH W/2-3/8" LS. LANDED TBG @ 5,676'. PKR @ 5,146'.
04/11/95: TIH W/VENT STRING. STUNG VENT STRING INTO PKR.
04/13/95: TIH W/SS (CHACRA). LANDED TBG @ 2986'. ALL TBG HAVE PLUGS IN PLACE.
04/17/95: ATTEMPTED TO SWAB GALLUP TBG. TAGGED PARAFFIN PLUG @ 1100'. COULD NOT GET THRU TO RETRIEVE PLUG.
04/18/95: CO GA TBG W/CT. CO TO 5140'. POH. TIH W/SWAB. TAGGED @ 1800'.
04/19/95: CO TBG W/HOT WTR & N2. PPD OUT PLUGS IN CHACRA & GALLUP TBG.
04/24/95: COULD NOT RETRIEVE PLUG IN GALLUP 2-1/16" STRING.
NOTE: LAST INDICATION GALLUP FLWG UP 2-1/16" TBG. HOWEVER, NO INDICATION OF PULLING PLUG.