

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

RECEIVED  
BLM

99 MAR 19 PM 12:32

070 FARMINGTON, NM

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

5. Lease Serial No.

SF 079232

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Bolack C LS #11

9. API Well No.

3004506227

10. Field and Pool, or Exploratory Area  
S Blanco Pictured Cliffs  
Blanco Mesaverde

11. County or Parish, State

Sna Juan NM

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

3b. Phone No. (include area code)

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

1,800' FSL & 1,550' FWL Sec 28. T27N. R08W

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

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity       |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other DHC |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple 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 recompletion 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 Timber Operating Co. is requesting approval to begin the downhole commingling workover as described in the enclosed procedure. This workover will begin as soon as approval can be obtained.

RECEIVED  
APR - 2 1999

OIL CON. DIV.  
DIST. 3

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

Title

Production Engineer

Date

2/19/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Joe Hewitt

Title

Office

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.

NMCO



## **Bolack "C" LS #11**

*DHC the MV & PC WORKOVER PROCEDURE*

WI – 100.0000%
NRI – 67.5000%

**Casing:** Surface: 10-3/4", 32.75# csg @ 173' KB.  
Intermediate: 7 5/8", 26.4#, J-55 csg @ 4,396' KB.  
Liner: 5 1/2", 15.50#, J-55 csg fr/4,301'-4,696' KB.  
PBSD (drillers) 4,672' KB.

**Perforations:** Pictured Cliffs fr/2,222'-38' (2 JSPF).  
Mesaverde fr/4,498'-4,508', 4,532'-42', 4,548'-56', 4,564'-72',  
4,580'-88', 4,620'-28' & 4,644'-52' (2 JSPF).

**Tubing:** Dual Strings:  
SS. 67 jts 1-1/4", 2.4#, J-55, EUE, 10rd siphon string tbg.  
Perforated jt on btm. Perforated jts @ 1,737' & 737'. Tbg  
landed @ 2,233'.  
LS. 136 jts 2-3/8", 4.7#, J-55, EUE tbg, Baker "EGJ"  
retrievable pkr, 9 jts 2-3/8" tbg, SN, 3' x 2-3/8" perf sub & 1 jt  
2-3/8" tbg w/bull plug on btm. Landed @ 4,633'. Baker "EGJ"  
retrievable packer @ 4,343'.

**Current Status:** MV currently flwg @ 10 MCFPD.  
PC currently flwg @ 26 MCFPD.

**Objective:** Remove 1-1/4" siphon string & 2-3/8" tbg & packer. CO well to  
PBSD. RWTP as a DHC.

1. Test anchors on location.
2. MIRU PU, pmp & pit. Fill pit w/2% KCl wtr. MI ±10 jts of inspected and press tstd yellow band 2-3/8" tbg. 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 & LD 1-1/4" siphon string tbg. Return 1-1/4" tbg to CTOC yard for inventory & inspection. Notify Larry Babcock that tbg has come from the Pictured Cliffs reservoir.
6. RU to pull 2-3/8" tbg. The Baker EGJ packer (@ 4,343' KB) is a compression set packer with a straight pull to release.
7. TOH w/tbg. Tally & visually inspect tbg while TIH. If pkr will not release. RU WL unit. RIH w/free point & chemical cutter. Cut tbg above pkr.
8. Fish for packer and remaining tbg if required. TOH & LD packer & bad 2-3/8" tbg. Replace bad tbg as needed. Return bad 2-3/8" tbg to CTOC yard. Notify



## Cross Timbers Operating Company

Larry Babcock that bad tbg is being returned from the Mesaverde side of the well.

9. PU & TIH w/4-3/4" cone bit, SN & 2-3/8" tbg. Tally tbg while TIH. Tag for fill. CO fill (if any) w/pmp bailer to PBTD @ 4,672' KB. Use air/foam unit if absolutely necessary.
10. Circ on bottom for a minimum of 1 hr using air/foam (if air/foam unit is used).
11. TOH. LD BHA.
12. TIH w/mule shoe collar, SN & ±148 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Tally tbg while TIH & tag for fill. Report to CTOC engineering if top of fill is higher than 4,655' KB. Land end of mule shoe @ ±4,575' KB.
13. ND BOP. NU WH. RU swab. Swab well to pit. Gauge production. Once well can produce & stay unloaded, RWTP dwn sales. Sell gas through MV separator & mtr run (mtr #72187). Notify Vern Thomas that RTU & mtr will be used for both MV & PC production. Adjust orifice plate accordingly.
14. RDMO PU. RU SU if necessary.
15. Notify Vern Thomas & EPFS that the PC mtr run (mtr #72187) & RTU (#332) can be removed and returned to CTOC for salvage.
16. Contact Randy Thille w/Weatherford Artificial Lift Systems to put well on plngr lift.

Approvals:

 3/3/99

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\_\_\_\_\_

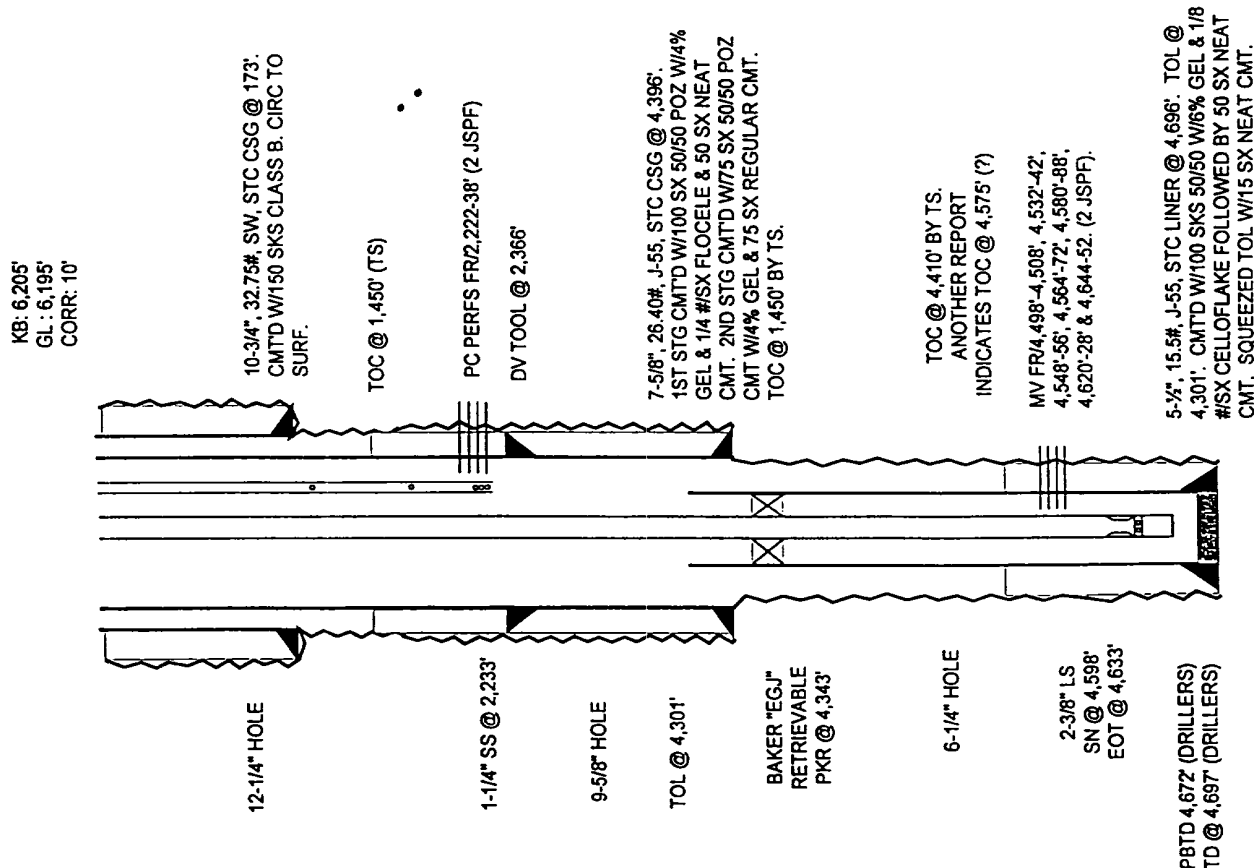
# BOLACK "C" LS #11 WELLBORE DIAGRAM

## DATA

LOCATION: 1,800' FSL & 1,550' FWL, UNIT K, SEC 28, T27N, R8W  
COUNTY/STATE: SAN JUAN COUNTY, NM  
FIELD: BLANCO MESAVERDE / SOUTH BLANCO PICTURED CLIFFS  
FORMATION: MESAVERDE / PICTURED CLIFFS  
NM LEASE#: SF-079232 API#: 30-045-06227 CTOC WELL#: 70084 & 70085  
SPUD DATE: 1/31/58 COMPLETION DATE: 2/16/58  
IP: (MV) 2,271 MCFPD, 3/4" CK, 3 HRS.  
(PC) 815 MCFPD, 3/4" CK, 3 HRS.  
PRODUCTION METHOD: FLWG GAS WELL  
TUBING STRING: (LS) 136 JTS 2-3/8", 4.7", J-55, EUE, 8RD TBG, BAKER "EGJ" PKR & 9 JTS 2-3/8",  
4.7", J-55, EUE, 8RD TBG, SN, 3" PERF SUB & 1 JT 2-3/8" TBG W/BULLPLUG. EOT  
@ 4,633'. SN @ 4,598'.  
(SS) 67 JTS 1-1/4", 2.4", J-55, EUE, 10RD TBG LANDED @ 2,223'. PERFORATED  
JT ON BOTTOM. PERFORATED JTS @ 1,737' & 737'.  
PERFS: MESAVERDE (POINT LOOKOUT) 4,498'-4,508', 4,532'-42', 4,548'-56', 4,564'-72', 4,580'-88',  
4,620'-28' & 4,644'-52' (2 JSPPF).  
PICTURED CLIFFS 2,222'-38' (2 JSPPF).

## HISTORY

01/31/58 SPUNDED 12-1/4" HOLE WITH SAN JUAN DRILLING RIG #10. RAN 10-3/4", 32.75', SW, CSG  
@ 173'. CMT'D W/150 SX REG CMT. CIRC CMT TO SURFACE.  
02/01/58 WORKING STUCK PIPE.  
02/03/58 TIGHT HOLE.  
02/04/58 TWISTED OFF. RECOVERED DP & BHA.  
02/10/58 RIH W/SCHLUMBERGER ES & ML LOG. LOGGED FR/4,404'. RAN 7-5/8", 26.4", J-55 CSG @  
4,396'. DV TOOL @ 2,366'. 1<sup>ST</sup> STAGE CMT'D W/100 SX 50/50 POZ W/4% GEL & 1/4" #1SX  
FLOCELE FOLLOWED BY 50 SX NEAT CMT. 2<sup>ND</sup> STAGE CMT'D W/75 SX 50/50 POZ W/4%  
GEL FOLLOWED BY 75 SX NEAT CMT. TOC @ 1,450' BY TEMP SUR.  
02/14/58 REACHED TD OF 6-1/4" HOLE @ 4,697'. RIH W/SCHLUMBERGER LOGS. TYPE OF LOGS  
UNKNOWN. RAN 5-1/2", 15.5", J-55, STC LINER FR/4,301'-4,696'. CMT LINER W/100 SX  
50/50 POZ W/6% GEL & 1/8" #1SX FLOCELE FOLLOWED BY 50 SX NEAT CMT. TOC @ 4,410'  
BY TS. ANOTHER REPORT INDICATES TOC @ 4,575' BY TS.  
02/16/58 TIH & CO TO PBTD @ 4,672' KB. TOH. RIH W/PERF GUN & PERF'D PT LOOKOUT AS  
FOLLOWS: 4,498'-4,508', 4,532'-42', 4,548'-56', 4,564'-72', 4,580'-88', 4,620'-28' & 4,644'-52' (2  
JSPPF). FRAC'D PT LOOKOUT FR/4,498'-4,652' W/60,000 GALS SLICKWTR & 60,000# SD. BDP  
2,200 PSIG. ATP 2,100 PSIG. AIR 74 BPM. FLUSHED W/9,000 GALS TREATED WTR. ISIP  
800 PSIG. DROPPED 4 SETS OF 23 BS DURING JOB FOR 5 STAGES. RIH W/BP. UNABLE  
TO SET BP (WELL MAKING TOO MUCH SD). TOH. DROPPED 150 BS. TRIED TO BALL OFF  
PT LOOKOUT PERF'S RIH W/PERF GUN & PERF'D THE PICTURED CLIFFS FR/2,222'-2,238'  
(2 JSPPF). FRAC'D THE PICTURED CLIFFS FR/2,222'-38' W/30,000 GALS SLICKWTR & 30,000#  
SD. BDP 1,600 PSIG. ATP 1,800 PSIG. AIR 73 BPM. FLUSHED W/6,200 GALS TREATED  
WTR. ISIP 800 PSIG. STD FLWG WELL BACK TO PIT.  
02/21/58 PU & TIH W/PRODUCTION TBG AS FOLLOWS: (LS) 1 JT 2-3/8" TBG W/BULL PLUG, 3'X2-3/8"  
PERF SUB, SN, 9 JTS 2-3/8", 4.7", J-55, EUE, 8RD TBG, BAKER "EGJ" PRODUCTION PKR &  
136 JTS 2-3/8", 4.7", J-55, EUE, 8RD TBG. EOT @ 4,633' KB. SN @ 4,598' KB. "EGJ" PKR @  
4,343' KB. (SS) 67 JTS 1-1/4", 2.4", J-55, EUE, 10RD TBG LANDED @ 2,423'. PERFORATED  
JT ON BOTTOM. PERFORATED JTS @ 1,737' & 737'.



# BOLACK "C" LS #11 WELLBORE DIAGRAM

2/22/58 RDMO SAN JUAN DRLG RIG #10.  
9/01/85 TENNECO ASSUMED OPERATIONS FR/EL PASO.  
1/01/98 CROSS TIMBERS ASSUMED OPERATIONS.