

# PLUG AND ABANDONMENT PROCEDURE

January 11, 2022

## Southern Ute 32-11 #10-1

Ignacio Blanco

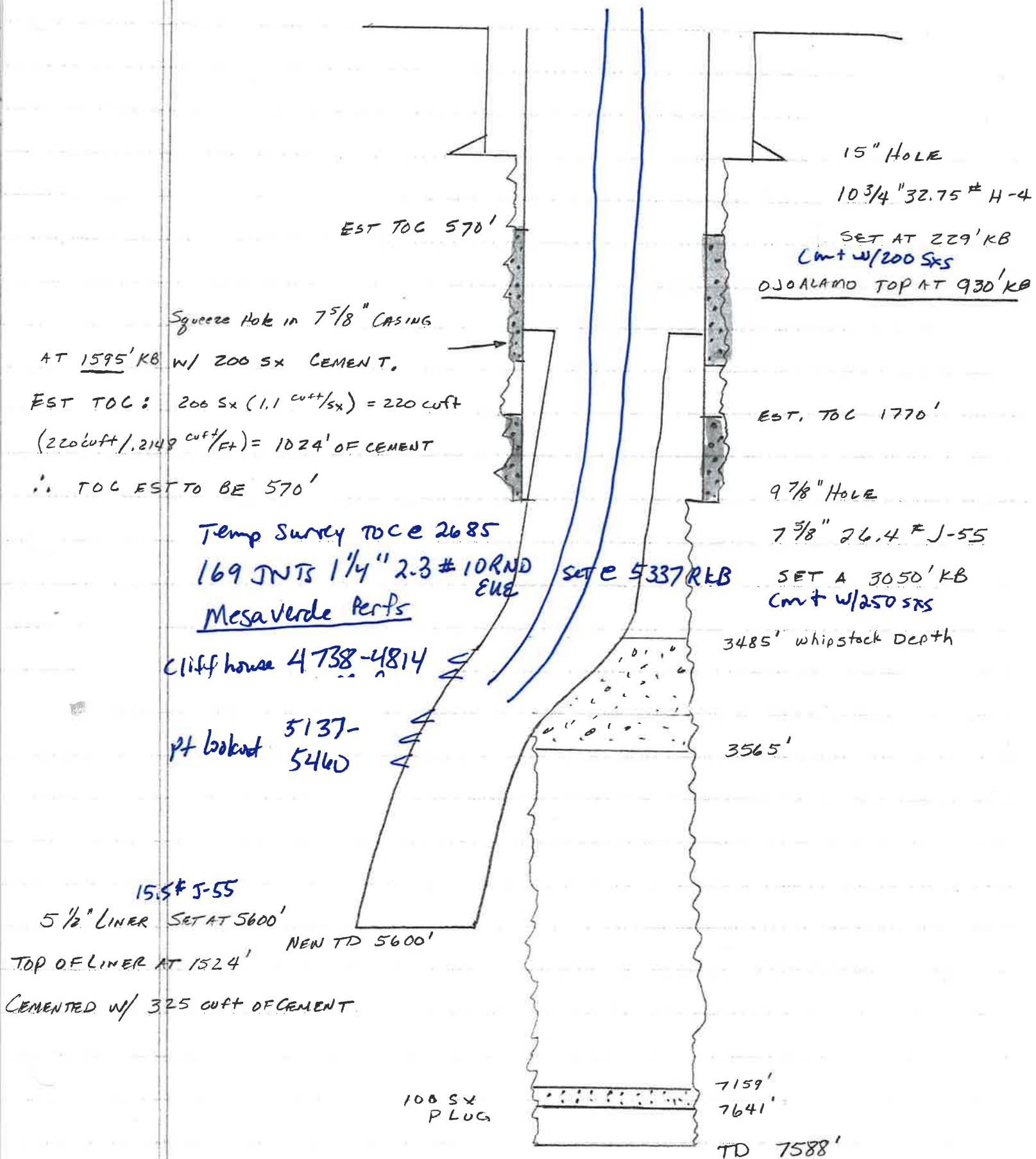
1090' FSL, 1090' FWL, Section 10, T32N, R11W, La Plata County, Colorado

API 05-067-05107

All cement volumes use 10% excess per 1000 foot of depth or 100% excess outside pipe and 50' excess inside pipe, whichever is greater. The stabilizing wellbore fluid will be 8.3 ppg, and Corrosion Inhibitor sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Comply with all COGCC, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. **Plug #1 (Mesaverde Interval, 4700' - 4600')**: Round trip 5.5" gauge ring or mill 4700'. Set 5.5" Hydroset CIBP @ 4700'. Pressure test tubing to 1000#. *Attempt to pressure test casing to 500#. If casing does not test then spot or tag subsequent plugs as appropriate.* Mix and pump 18 sxs Class G cement and spot a balanced plug inside casing to isolate the Mesaverde interval. TOH.
4. **Plug #2 (7-5/8" casing shoe; 3100' - 3000')**: Perforate @ 3100'. Establish rate. Set CR @ 3050'. Mix and pump 38 sxs Class G cement; squeeze 20 sxs outside casing and leave 18 sxs inside. TOH.
5. **Plug #3 (Fruitland interval 3100' - 3000')**: Perforate @ 3100'. Establish rate. Set CR @ 3050'. Mix and pump 38 sxs Class G cement; squeeze 20 sxs outside casing (increased due to open hole) and leave 18 sxs inside. TOH.
6. **Plug #4 (Kirtland and Ojo Alamo tops; 1200' - 880')**: Spot 86 sxs inside casing to isolate the Kirtland and Ojo Alamo tops. TOH and LD tubing.
7. **Plug #5 (10-3/4" Surface casing shoe and Surface, 279' - Surface)**: Perforate squeeze holes at 279'. Establish injection rate. Mix and pump 120 sxs down 7-5/8" casing and circulate good cement out casing valves and bradenhead. SI Well and WOC.
8. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

S. UTE 1-10



# LADD PETROLEUM CORPORATION



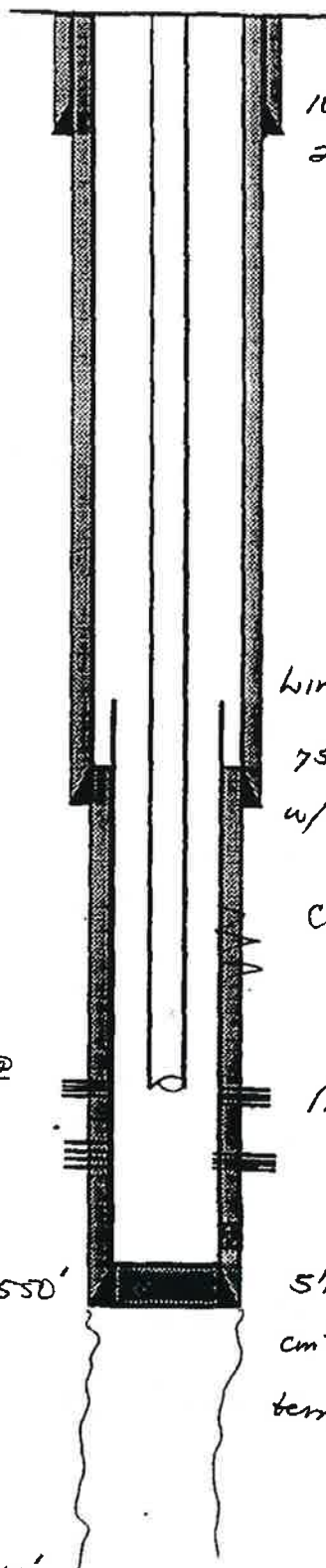
Southern Ute # 1-10  
1090' Fsh, 1090' Fwh  
Sec. 10-T32N-R11W  
La Plata County, Co.

Drilled & completed by  
Compars Exp in 1959.

DO NOT use  
well was lost  
has fish & Dk  
& whipsack @  
3565'

## Geological Markers:

Pictured Cliffs	2765'
MV Transition	4375
Menefee	4820
Point Lookout	5127
Manco	5460
Greenhorn	7288
Graneros	7340
Dakota	7435



10 3/4" csg set @ 229', cmt w/  
200 sxs.

Liner Hanger @ 1524' (1526' overlap)  
7 5/8" 26.4# csg set @ 3050', cmt.  
w/ 250 sxs.

Cliff House:  
4738' - 4814' gross

1 1/4" tbg @  
5337'

Mesaverde Pkts: Pt. Lookout  
5137' - 5460' gross

PBTD 5550'

5 1/2" 14# + 15.5# set @ 5600',  
cmt w/ 325 ft<sup>3</sup> slurry. TOC per  
temp survey @ 2685'

RECEIVED

JUN 10 1991

COLO. OIL & GAS CONS. COM'Y

TD 7641'

## Southern Ute 32-11 #10-1 MV

Proposed P&A  
Ignacio Blanco

1090' FSL & 1090' FWL, Section 10, T32N, R11W  
La Plata County, CO, API# 05-067-05107

