

State	SP. 141
Well Name & Number	1950 FTL & 1440 FTL - SECTION 14
Drill Rig	Location
Completion	Blanco Mesaverte
Drill Bit	Type completion
Drill Bit	MA-0558139
Drill Bit	Federal, State, or Fee Lease
Drill Bit	Arcachoe
Drill Bit	Contractor & Rig Number
Drill Bit	Pio Arriba County

1-11-70	Building Location.
1-12-70	" "
1-13-70	" "
1-14-70	Moving On.
1-15-70	Waiting On Water To recede in La Jara Wash.
1-16-70	Waiting On Water To Recede In La Jara Wash.
1-17-70	Digging Up & Will Spud Today.
1-18-70	Drlg 320' surface hole. Ran 10 jts 10-3/4" 32.75# H-40 Casing, Total 335.24', set at 318.06 XBM. Cmt'd with 380 sms class "C", 2% CaCl. Plug down @ 1:00 AM. WOC.
1-19-70	Drlg @ 1215'. Dev 1 degree @ 323' & 1 degree @ 1033'.
1-20-70	Drlg @ 2005' w/water. Dev 1-3/4 degree @ 1351'.
1-21-70	Drlg @ 2870' w/water. Dev 1-3/4 degree @ 2623'.
1-22-70	Drlg @ 3485'. Wts 45 Wt 8.8. Dev 1 1/2 degree @ 3360'.
1-23-70	Drlg TO 3510'. Rig Up Relax & logged. Laid down drill pipe. Ran 110 jts 2-5/8" 33.40# casing set @ 3580 XBM w/150 sms 18% gel, 50 sms next. plug down @ 8:00 AM WOC.
1-24-70	Blowing to dry at 3580' w/bit #8.
1-25-70	hole would not dry up. Set Packer @ 3371', cmt'd w/150 sms class "A", 2% CaCl. Squeezed 2000#. WOC.
1-26-70	Drlg w/gas @ 3725'.
1-27-70	Drlg @ 5120'. Dev 1 degree @ 4568' & 1 1/2 degree @ 5060'.

CITY #1

9-28-70 Drig @ 5375'. Dev 2-3/4 degrees @ 5600'.

9-29-70 Drig w/bit #11. Depth 7175'. Dev 4 1/2 degrees @ 8282', 3 1/2 degrees @ 6759', 2 1/2 degrees @ 6956'.

9-30-70 Drig to TD 7743' w/bit #12. Tripped out to log.

10-1-70 Ran Schlumberger Gamma Ind + Density. TD 7746'. Ran 131 fts 5 1/2" (4212') landed at 7650' w/drill pipe. Cmt'd 215 Halco Light wt, 150 sxs Class "C". Plug down @ 3:45 P.M. Now Laying down drill pipe.

10-2-70 Rig down. W.O.C.T.

10-3-70 W.O.C.T.

10-4-70 W.O.C.T.

10-5-70 W.O.C.T.

10-6-70 Moving Comp Rig On.

10-7-70 Rig broke down. Moving in rig up.

10-8-70 Rig Up. Pick up tubing & cleaned out cmt. Stringers to 3431'. Test top of layer @ 3431 to 2500#. Ok. Went in w/4-3/4" bit & drill 125' cmt above float collar. Drill float collar. Drill 32' cmt. Drill shoe & clean out to 7746'. Circulate hole clean. Coming out to log.

10-9-70 Ran Gamma Ray Correlation & Bond Log. Ran 300# Blast Frac. Went off Premature @ 7695'. Went in with bit & tubing. Casing Ok. Cleaning Out to TD 7746'. Waiting on more explosives.

10-10-70 Frac open hole, with 33,600 gals water w/30,000# 20/40 sand. Dropped 500# rock salt. Sanded off. Went in hole. Blowing down.

10-11-70 Casing collapsed at 7631'. Went in with Texas Pattern shoe. Trying to work through. Making 1" stream water. Little show of gas.

10-12-70 Casing Collapsed.

10-13-70 Set Halliburton Cmt Container @ 7390'. Tested back side to 2500# - no back - however Dakota formation w/75 sxs Class "A" cmt, squeezed to 3500#, now blowing. Will test perf hole dry and test natural.

CREEK #1

Blowing down to 7000#. Tripped out tubing. Rig up perf. Perf from 7272-7304, 4 SPF. Gauge 1# on 2" line. Rig up to frac. Could not break. Spotted 150 gals 15% HCl. Broke down to 2200#. Tripped out with tubing. Frac w/18,558 gals water, 20,000# 20/40 Sand. 1600# sand in formation, sanded off. Max Press 4000#, Avg Press 4000#, Min Press 3500#. Blowing down @ 5500'. Small show gas.

10-15-70 Blowing down. Clean out 300' sand to TD 7350'. Making 1 1/2" stream water. Little show of gas.

10-16-70 Blowing off bottom. Making 3/4" stream water. Turned supply gas off. Logged off.

10-17-70 Rigged up Blue Jet re-perf 7272-7304, 4 SPF. Left open 1 hour on 2" line TSTM. Went in. Blew down to cmt retainer @ 7335'. Now making small stream water TSTM.

10-18-70 Blowing at 7335'. Making 1/2" stream water TSTM.

10-19-70 Pumped 500 gals acid into formation, 1 bbl min @ 1200#, displaced acid into formation. SI Pressure after 3 min - 0. SI for 2 hours, now blowing down @ 2450', making water no gas.

10-20-70 Re-perf from 7238-7248, 4 SPF. Blowing off bottom. Gauge 1 1/2# on 1" line.

10-21-70 Perf from 7250-7274, 4 SPF. Ran Halliburton RRTS packer - Acidize 500 gals acid. Acid on Formation 2 hours, pulled packer. now blowing @ 1800 - No Gas.

10-22-70 Blowing down on bottom. Making small amount of water. Gauge 2 1/2# on 1" line - 360 MCF. Prep to squeeze.

10-23-70 Set Cmt retainer @ 7108'. Squeezed w/35 sbs Class "C". Squeeze pressure 3500#. Pulled up to 5570', spotted 150 gals acid. came out of hole, surf from 5572-80. 5584-70, 5580-44, 5508-14, 2 SPF. Frac w/48,746 gals water w/40,000 20/40 Sand. Avg Press 1100#, Avg Rate 56 BPM, Max Press 1300#, Min Press 1000#, Dropped 20 Balls good action, pump failure so did not drop any more balls. On Vacuum. Second Stage. Set Bridge Plug @ 5320'. TEst plug to 3500# - Ok. Perf from 5252-58, 5252-84, 5252-14. 5132-98, 2 SPF. Frac w/54,270 Gals Water, 30,000# 20/40 Sand. Avg Rate 60 BPM. Avg Press 1300#, Max Press 2000#, Min Press 1700#. Dropped 20 Balls with no action. Instant SI 1000#, in 15 min 600#, Total HP 2942, Blowing down.

CREEK #1

10-24-	Blowing down to 5100'. Making 2 1/2" Stream Water.
10-25-	Blowing down to 5900'. Making 1 1/2" stream water. Gauge 14 on 3" line - 1000' 100.
10-26-70	Blow down 2-3/8" tubing, Ran 171 jts 1 1/2" EUE 10 Ft Tubing Graded to 5570' 100' 500.
	down.
10-27-70	
10	Blowing To Clean.
11-4-70	
11-5-70	
10	Shut In For Test.
11-11-70	
11-12-70	Blanco Mesaverde Test - SITP 942 SICP 942
	FTP 100 FCP 631
	3/4 Choke 1282
	AOF 2019