

Chaco 2308-24I #155H

Basin Mancos *page 1)*

Spud: 11/3/14

Completed: 5/1915

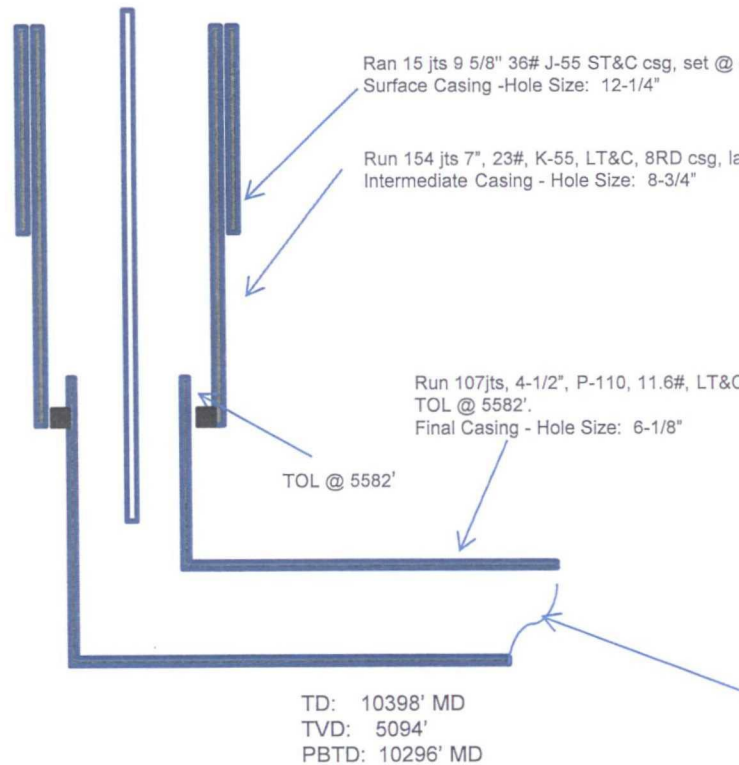
SHL: 1524' FSL & 255' FEL
NE/4 SE/4 Section 24(I), T23N, R8W

BHL: 2400' FSL & 246' FWL
NW/4 SW/4 Section 24 (L), T23N, R8W

San Juan NM
Elevation: 6884'
API: 30-045-35551

Tops	MD	TVD
Ojo Alamo	876	875
Kirtland	1094	1091
Picture Cliffs	1537	1528
Lewis	1678	1667
Chacra	1920	1905
Cliff House	3021	2990
Menefee	3067	3036
Point Lookout	3930	3885
Mancos	4131	4084
Gallup	4466	4418

CONFIDENTIAL



Landed well @ 5507' w/ 14.5' KB as follows, 1/2 MS, 1 jt of 2.875" J-55tbg, 2.25" RN set at 5476', 2jts of 2.875" J-55 tbg, 7" AS1-X Pkr st at 5413' w/ 12K in Tension, on/off tool, 4' pup jt, 1jt 2.875" J-55 tbg, GLV#1 set at 5369', 5jts of 2.875" J-55 tbg, 2.31" XN set at 5211', 13jts of 2.875" J-55 tbg, GLV#2 set at 4811', 15jts of 2.875" J-55 tbg, GLV#3 set at 4346', 15jts of 2.875" J-55 tbg, GLV #4 set at 3881', 14jts of 2.875" J-55 tbg, GLV #5 set at 3446', 15jts of 2.875" J-55 tbg, GLV #6 set at 2981', 16jts of 2.875" J-55tbg, GLV #7 set at 2485', 18jts of 2.875" J-55, GLV #8 set at 1928', 25jts of 2.875" J-55tbg, GLV #9 set at 1155', 37jts of 2.875" J-55 tbg. Total 177jts of 2.875" J-55 tbg in well. Locked down tbg hanger. RD and LD handling tools. RD rig floor.

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 sx	222 cu.ft.	Surface
8-3/4"	7"	1089sx	1557cu. ft.	Surface
6-1/8"	4-1/2"	440 sx	598cu. ft.	TOL @ 5582'

OIL CONS. DIV DIST. 3

MAY 27 2015

mj 5/21/15

RV

2

Chaco 2308-24I #155H

Basin Mancos

(page 2 – lateral with completion)

Mancos 15th:
5784'-6015'-
with 24, 0.40"
holes. Frac
Mancos 14th
stage with
259,440#, 20/40
PSA Sand

Mancos 12th:
6762'-6978'- with
24, 0.40" holes.
Frac Mancos 12th
stage with 275,460#
20/40 PSA Sand

Mancos 13th:
6446'-6659'- with
24, 0.40" holes.
Frac Mancos 13th
stage with
258,840#, 20/40
PSA Sand

Mancos 14th:
6115'-6341'-
with 24, 0.40"
holes. Frac
Mancos 14th
stage with
272,240#, 20/40
PSA Sand

Mancos 11th:
7072'-7279'- with 24,
0.40" holes. Frac
Mancos 11th stage
with 272,135#, 20/40
PSA Sand

Mancos 10th:
7379'-7580'-
with 24, 0.40"
holes. Frac
Mancos 10th
stage with
219,692#,
20/40 PSA
Sand

Mancos 9th:
7680'-7881'- with
24, 0.40"
holes. Frac
Mancos p 9th
stage with
208,192#, 20/40
PSA Sand

Mancos 8th:
7981'-8182'- with 24,
0.40" holes. Frac Mancos
8th stage with 213,237#,
20/40 PSA Sand

Mancos 7th:
8282'-8483'-
with 24, 0.40"
holes. Frac
Mancos 7th
stage with
216,434# ,
20/40 PSA
Sand

Mancos 6th:
8583'-8784'-
with 24, 0.40"
holes. Frac
Mancos 6th
stage with
214,732# ,
20/40 PSA
Sand

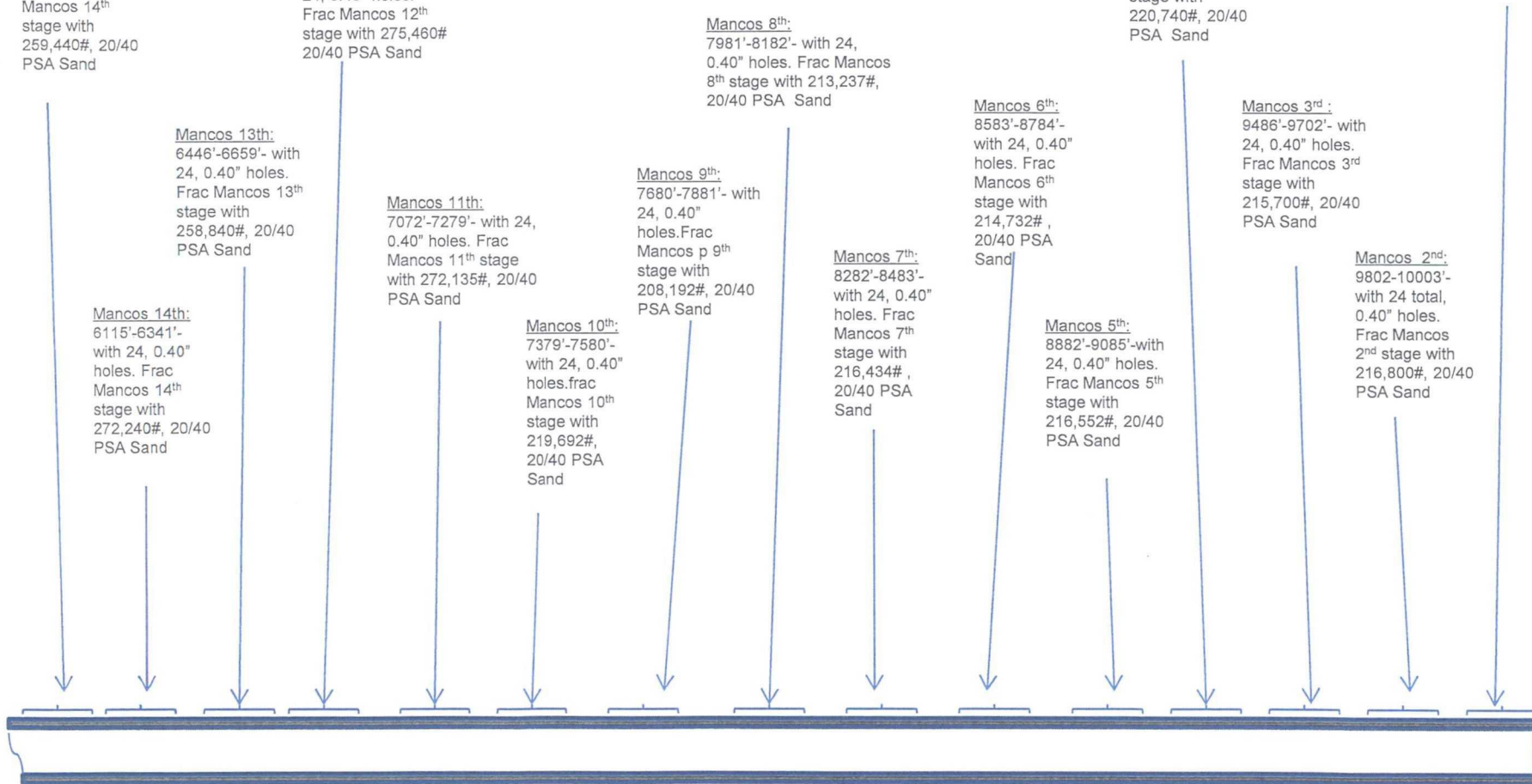
Mancos 5th:
8882'-9085'-with
24, 0.40" holes.
Frac Mancos 5th
stage with
216,552#, 20/40
PSA Sand

Mancos 4th:
9185'-9383-
with 24, 0.40"
holes. Frac
Mancos 4th
stage with
220,740#, 20/40
PSA Sand

Mancos 3rd :
9486'-9702'- with
24, 0.40" holes.
Frac Mancos 3rd
stage with
215,700#, 20/40
PSA Sand

Mancos 2nd:
9802'-10003'-
with 24 total,
0.40" holes.
Frac Mancos
2nd stage with
216,800#, 20/40
PSA Sand

Mancos 1st: 10103'-
10228' + RSI TOOL
@10291' Frac
Mancos stage with
215,357# 20/40 PSA
Sand



See page 1 for upper portion of hole