

Rosa Unit # 642H Basin Mancos

(page 1)

Spud: 7/23/15

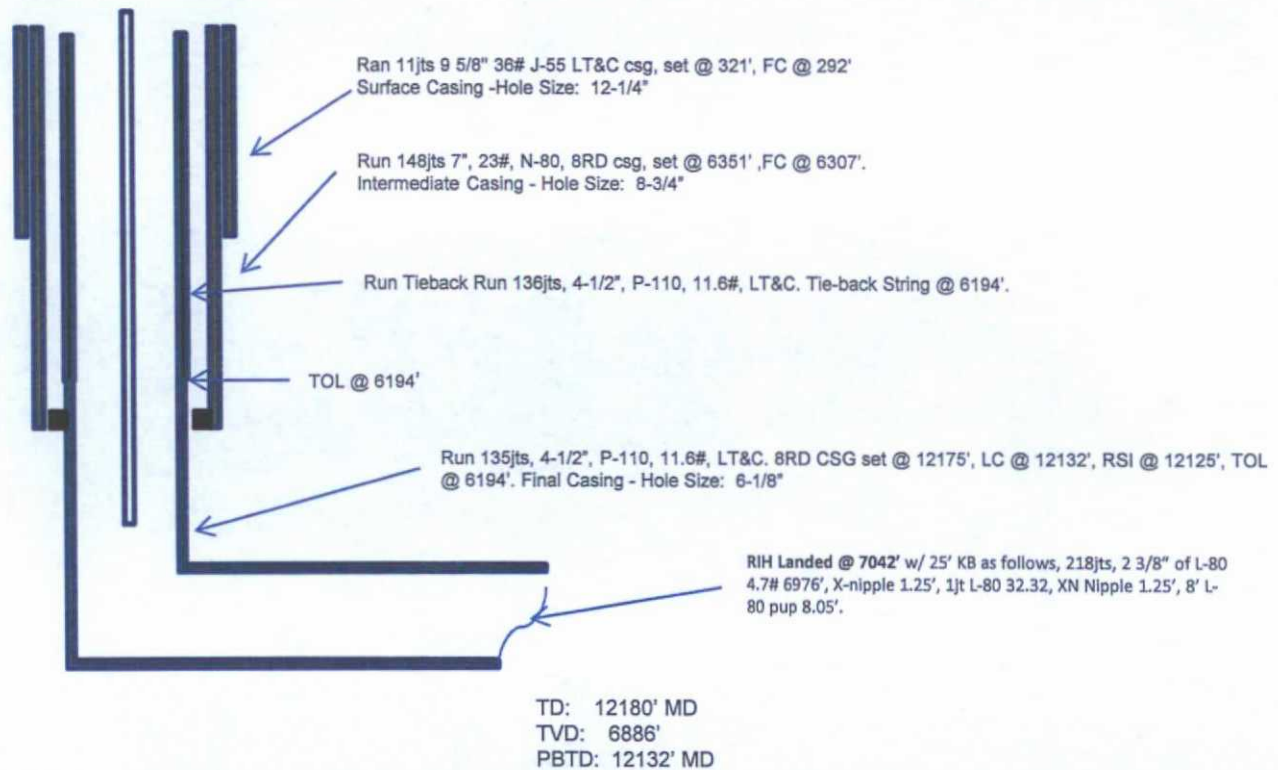
Completed: 3/31/16

SHL: 975' FNL & 524' FWL
NE/4 NW/4 Section 19(C), T31N, R5W

BHL: 1309' FNL & 1' FEL
NE/4 NE/4 Section 23 (A), T31N, R6W

Rio Arriba, NM
Elevation: 6305'
API: 30-039-31315

	MD	TVD
OJO_ALAMO	2424	2418
KIRTLAND	2539	2533
PICTURE_CLIFFS	3349	3341
LEWIS	3561	3552
CHACRA	4580	4566
CLIFF_HOUSE	5388	5371
MENEFEE	5434	5417
PT_LOOKOUT	5662	5644
MANCOS	6130	6111



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	10 lsx	162cu.ft.	Surface
8-3/4"	7"	1469sx	2058cu.ft.	TOC @ 2190 (Includes Sqz)
6-1/8"	4-1/2"	675sx	918cu.ft.	TOL @ 6194'
	4-1/2"	415sx	718cu.ft.	TOC @ 1600'

mj 4/5/16

OIL CONS. DIV DIST. 3

APR 11 2016

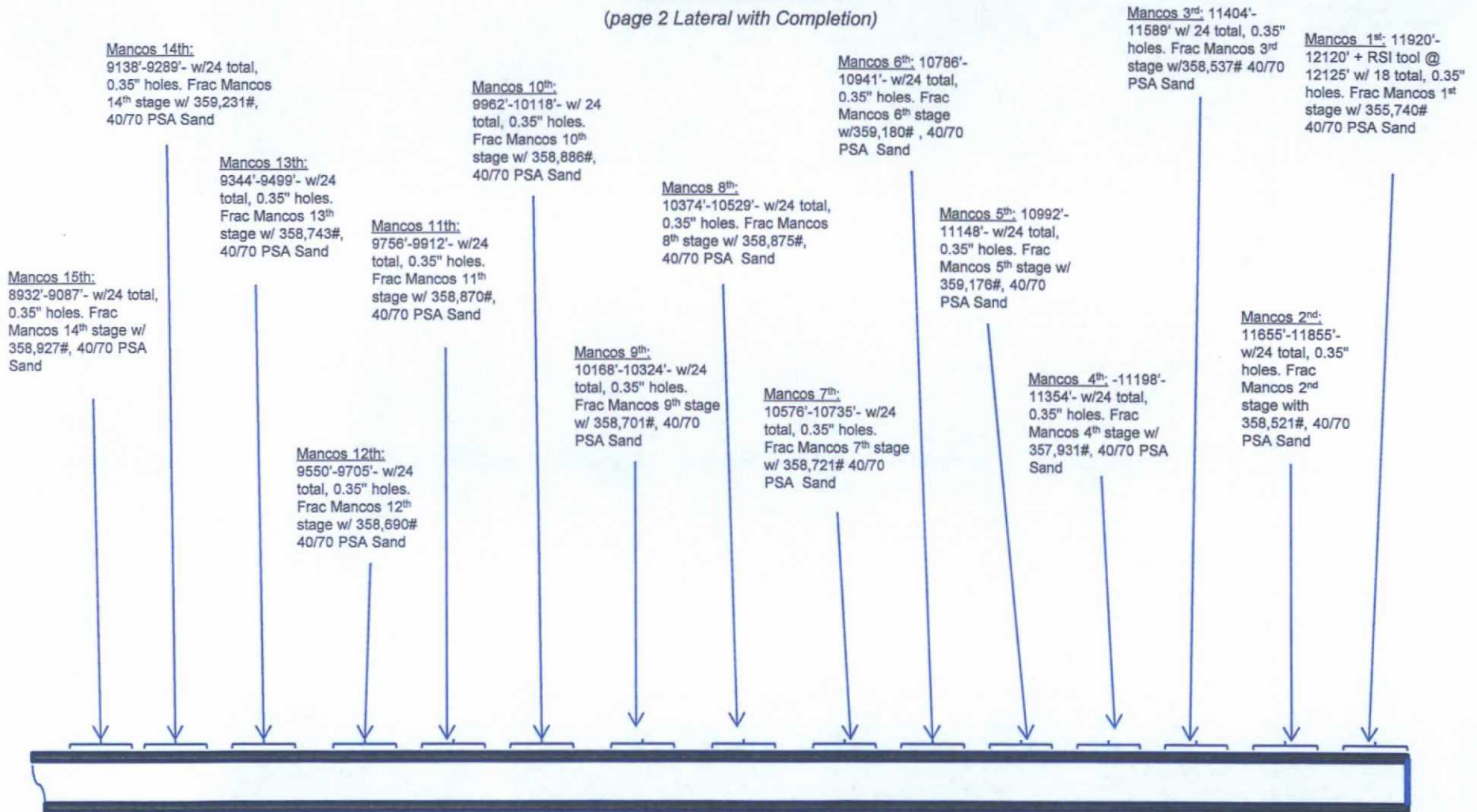
Ar

3

Rosa Unit # 642H

Basin Mancos

(page 2 Lateral with Completion)



See page 1 for upper portion of hole

Rosa Unit # 642H

Basin Mancos

(page 3 Lateral with Completion)

Mancos 21st: 7696'-
7851'- w/24 total,
0.35" holes. Frac
Mancos 21st stage
w/ 358,711# , 40/70
PSA Sand

Mancos 23rd:
7284'-7440'- w/24 total,
0.35" holes. Frac Mancos
23rd stage w/ 368,620#,
40/70 PSA Sand

Mancos 22nd:
7490'-7645'- w/24
total, 0.35" holes.
Frac Mancos 22nd
stage w/ 358,764#
, 40/70 PSA
Sand

Mancos 20th:
7902'-8057'-
w/24 total, 0.35"
holes. Frac
Mancos w/
358,801# , 40/70
PSA Sand

Mancos 19th -
8108'-8263'-
w/24 total, 0.35"
holes. Frac
Mancos 19th
stage w/
358,987# , 40/70
PSA Sand

Mancos 18th: 8314'-
8470' w/24 total, 0.35"
holes. Frac Mancos
18th stage w/
358,874# 40/70 PSA
Sand

Mancos 16th :
8726'-8882'- w/24 total,
0.35" holes. Frac
Mancos 16th stage w/
358,742# , 40/70 PSA
Sand

Mancos 17th:
8520'-8678'- w/24
total, 0.35" holes.
Frac Mancos 17th
stage w/ 358,718# ,
40/70 PSA Sand



See page 1 for upper portion of hole