

Rodeo Unit 500H API # 30-045-35796



Location					Spud Date: 5/31/2017	Elevation: 6896' GR
SHL: 271' FSL	410' FEL	Sec: 18	Twnshp: 23N	Rge: 8W	Unit: P	Lat: 36.220413
BHL: 697' FSL	337' FEL	Sec: 20	Twnshp: 23N	Rge: 8W	Unit: P	Long: -107.715566
					Completion: 8/10/2017	County: San Juan
					Pool Name: Basin Mancos	KB: 21'

Wellbore Update: 11/9/2017

	MD	TVD
Ojo Alamo	718	718
Kirtland	865	863
Pictured Cliffs	1335	1328
Lewis	1568	1556
Chacra	1761	1744
Cliffhouse	2891	2846
Menefee	2918	2872
Pt. Lookout	3861	3793
Mancos	4036	3964
Gallup	4397	4317

Tubing :Landed @ 5489' w/ 168jts of 2-7/8", 6.5#, N-80 EUE tubing, 9 Gas Lift Valves, X-nipple @ 5079', F-profile on/off tool @ 5380, 7" AS1-X packer top @ 5382', set w/ 12k tension, R-

Tubing Depth

Tubing	Depth
2- 7/8" X 7- 1/16 tbg hanger	21'
32jts 2-7/8" w/ #9 GLV	1094'
19jts 2-7/8" w/ #8 GLV	1712'
17jts 2-7/8" w/ #7 GLV	2269'
16jts 2-7/8" w/ #6 GLV	2793'
16jts 2-7/8" w/ #5 GLV	3316'
14jts 2-7/8" w/ #4 GLV	3775'
14jts 2-7/8" w/ #3 GLV	4332'
14jts 2-7/8" w/ #2 GLV	4689'
14jts 2-7/8" w/ #1 GLV	5376'
F-Profile	5380'
7" AS1-X packer	5389'
R-Nipple	5454'
Muleshoe	5489'

12 1/4" Hole

8 3/4" Hole

6 1/8"

Surface: 9-5/8" csg set @ 327', 10js of J-55, 36#, FC @ 291'.
Cmt'd 101sx of Type I-II. Circ., 10bbls of cmt to surface.

TD @ 332'.

Intermediate: 7" csg set @ 5656', 134jts of J-55, 23#, FC @ 5613'.

Cmt'd w/ Lead 310sx of Halcem & w/ Tail 500sx of Vericem. Circ., 0bbls of cmt to

7" TOC @ 400'. CBL ran

TOL @ 5510'.

TD @ 5665'.

Prod Liner: 4 1/2" csg set @ 11587', 134jts of P-110, 11.6#, LC @ 11539, RSI @ 11518'.

Cmt'd 575sx of Extendacem. Circ., 35bbls of cmt to surface.

TD @ 11590'.

PBTD @ 11539'.

Perf'd w/ @ 5658' - 11518 w/ 4SPF, 0.35" diameter w/ 588 total holes.

Frac'd w/ @ 5658' - 11518' w/ 30 stages of 20/40 sand of 5,998,590 total.

OIL CONS. DIV DIST. 3

NOV 13 2017

RODEO UNIT #500H Basin Mancos

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Spud: 5/31/17

Completed: 8/10/17

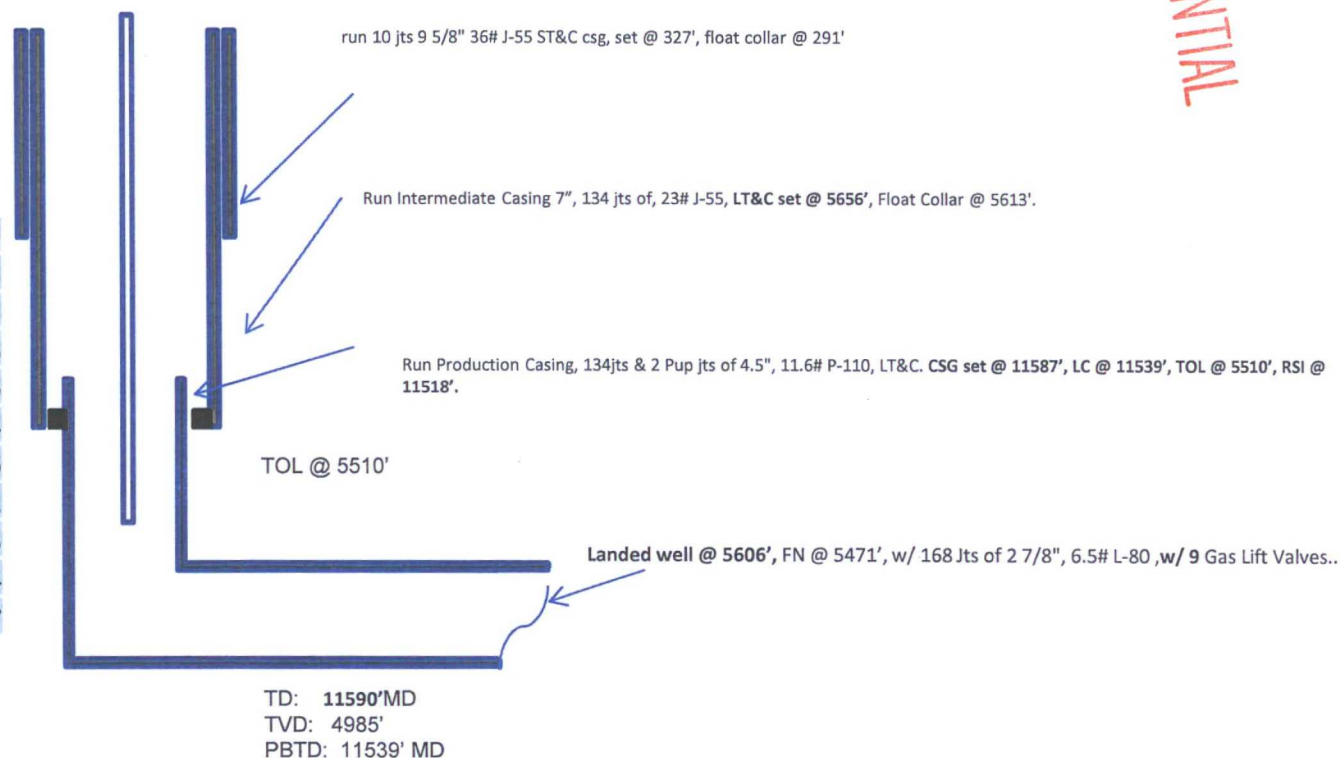
CONFIDENTIAL

271' FSL & 410' FEL
SE/4 SE/4 Section 18 (P), T23N, R8W

697' FSL & 337' FEL
SE/4 SE/4 Section 20 (P), T23N, R8W

San Juan, NM
Elevation: 6896
API: 30-045-35796

Formation Top	MD	TVD
OJO ALAMO	718	718
KIRTLAND	865	863
PICTURED CLIFFS	1335	1328
LEWIS	1568	1556
CHACRA	1761	1744
CLIFF HOUSE	2891	2846
MENEFEE	2918	2872
POINT LOOKOUT	3861	3793
MANCOS	4036	3964
GALLUP	4397	4317



Mancos Frac-

5658'-11518' 'w .32" diameter- 4 spf total

of 588 holes. w/ 30 stages 20/40 sand

total of 5,998,590#

LG 8/23/17

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	101 sx	162 cu.ft.	Surface
8-3/4"	7"	800 sx	1368 cu. ft.	TOC 400'
6-1/8"	4-1/2"	575 sx	780 cu. ft.	5510' TOL