

N Escavada Unit #330H API #:30-043-21299

SHL: 1587' FSL 231' FWL Sec: 10 Twnshp: 22N Rge: 7W
BHL: 2327' FNL 51' FWL Sec: 14 Twnshp: 22N Rge: 7W

Spud Date: 9/19/17
Completion Date: 1/19/19
Install GLV: 4/24/19

Lat: 36.151189 °N Long: 107.570515 °W
Escavada Mancos W
County: Sandoval NM
Elevation: 6860.01'

Created By: mwarp 10/17/18
Modified By: mwarp 2/6/19
Modified By: Igranillo 2/7/19
Modified By: mwarp 2/21/19
Modified By: Igranillo 4/29/19

Current Wellbore

9 5/8" Surface TD @ 331', 36# J-55
ST&C set @ 326' Cmt 101 sxs type I-II
Lead @ 14.5 ppg. Dropped plug & disp
w/ 23.2 bbls H2O, bump plug @ 200 psi,
circ 10 bbls cmt to surface.

7" Intermediate TD @ 5576', 125
jts 23# L-80 LT&C set @ 5,566'.
Cemented w/ 460 sx 12.3# Lead,
490 sx 13.5# Tail. Did not bump
plug. Circulated 96 bbls cmt to
surface.

4-1/2" Production Liner, TD @ 12088', 151 jts & 2
pup jts 11.6# P-110, LT&C set @ 12083'. PBTD =
12,036'. TOL @ 5416'. Cemented Pumped 10 bbls
tuned spacer @ 11.5 ppg. Pumped **150 bbls (620 sks)**
of 13.3# lead cement, followed by displacement w/
159 bbls (40 bbls MMCR, 99 bbls 2% KCL, 20 bbls fw)
Land plug @ 1375 psi & bump up to 2400 psi, floats
held. 1.5 bbls back on bleed off. **Circulated 25 bbls of**
good cement to surface

13 Stage Completion (11/22/18- 11/29/18):

Perfs: 5,729' – 11,968'
Effective Lateral: 6,239'
Perf Spacing: 17.5'
Ft/Stg: 180
Total Fluid: 132,819 bbls
Fluid/stg: 3495 bbl/stg

30/50: 11,435,560#
20/40 RCS: 1,011,760#
Total Prop: 12,447,320#
Sand/Effect Ft: 1,995#/ft

BHA Detail: (4/24/19)

Install GLV. Land tubing @ 5052' w/ 160 jnts,
2-7/8", 6.5#, L-80, packer set @ 5047', 4 GLV

Formation Top	MD	TVD
OJO ALAMO	797	794
KIRTLAND	976	971
PICTURED CLIFFS	1345	1329
LEWIS	1432	1412
CHACRA	1743	1710
CLIFF HOUSE	2899	2810
MENEFEE	2940	2850
POINT LOOKOUT	3850	3713
MANCOS	4014	3868
GALLUP	4371	4213

Directional Data:

40° @ ~4,960'
50° @ ~5,055'
60° @ ~ 5,119'/ 4,858' TVD
70° @ ~5,214'
80° @ ~ 5,309'
90° @ ~ 5,467'/ 4,934' TVD

12 1/4" Hole

8 3/4" Hole

6 1/8" Hole

KOP~ 4,200'

Top of Fish: 5,907'
Bottom of Fish: 9,036'

Perf'd @ 5730'-11968', 0.35" & .42" diameter w/ 1392 total holes.
Frac'd @ 5730'-11968' w/ 13 stages of 20/40 & 30/50 sand

PBTD: 12,036'
TD: 12,088 MD
TVD: 4,943'