

Logos 10 API # 30-043-21158



OIL CONS. DIV DIST. 3

Location Sec: 6 Twnshp: 22N Rge: 5W Spud Date: 10/4/2013 Elevation: 6984' GR
Footage: 330' FWL Completion: 11/20/2013 County Sandoval
Lat: 36.1646194 Formation: WC 22N5W6; Gallup(o) KB 14.5'
Long: -107.4102097

Rods

1-1/2" X 26' Polish Rod
2', 4', 8' x 3/4" Pony Rods
237-3/4" Plain Rods
8-1 1/2" K Bars
2-4'X7/8" Guided Stabilizers
2-1/2" 1-3/4"X12'X14 RHAC pump
w/ 1' strainer nipple (max stroke
106').

12 1/4"
Hole

7 7/8"
Hole

Ojo Alamo 1363'
Kirtland 1570'

Fruitland
Pictured Cliffs 1910'

Lewis 2020'
Cliffhouse 3420'

Pt. Lookout 4140'

Mancos 4330'

Gallup 5230'

Greenhorn 6125'
Graneros 6173'
Dakota 6195'

Surface: csg set @ 9-5/8" @ 503', 11jts
of J-55, 36# w/ FC @ 456'..
Cmt 254sx of Type III. Circ., 30bbbs cmt

TD @ 510'.

Production: csg set @ 5-1/2" @ 6445',
148jts P-110, 17#. FC @ 6400'. Stage Tool @
4486'
Stg1: Cmt w/ 155sx Premium Lite HS FM.
Tailed w/ 150sx Type III. Circ. 20bbbs of cmt
to surface.
Stg2: Cmt w/ 540sx Premium Lite HS FM,
Tailed w/ 50sx Type III. Circ. 40bbbs of cmt
to surface.

Frac

4998'-5102': Perf'd w/ .385" diam 3SPF =45holes.
Frac'd w/ 55bbbs of 12% HCl; 4847bbbs of slickwater,
6670# of 100 Mesh; 103069# 40/70 Ottawa sand.

5188'-5318': Perf'd w/ .385" diam 3SPF =48holes.
Frac'd w/ 71bbbs of 12% HCl; 2907bbbs of
slickwater 70Q N2, 8878# 100 Mesh; 108694#
40/70 Ottawa sand, 2.5mm scf N2

5352'-5460': Perf'd w/ .385" diam 3SPF =42holes.
Frac'd w/ 53bbbs of 12% HCl; 2743bbbs of
slickwater 70Q N2, 7185# 100 Mesh; 112501#
40/70 Ottawa sand, 2.5mm scf N2

5852'-5966': Perf'd w/ .385" diam 3SPF =48holes.
Frac'd w/ 66bbbs of 12% HCl; 3789bbbs of
slickwater, 10051# 100 Mesh; 30419# 40/70
Ottawa sand.

6082'-6150': Perf'd w/ .385" diam 3SPF
=39holes. Frac'd w/ 57bbbs of 12% HCl; 4087bbbs of
slickwater, 11596# 100 Mesh; 40237# 40/70
Ottawa sand.

Stg Tool @ 4486'.

TAC @ 4901'.

4998' -5102" U. Gallup

5188' -5318' M. Gallup

5352' -5460' L. Gallup

5852' -5966 Sanostee

6082' -6150' Greenhorn

Tubing: Landed @ 6200' w/ 191jts of 2-7/8" tbg 6.5#
J-55. SN @ 6163' TAC @ 4901'.

PBTD @ 6400'.

TD @ 6450'.

Tubing	OD	ID	Lngh (ft)	Dpth (ft)
1jt	2-7/8"	2.441"	32.40'	46.90'
Pup jt	2-7/8"	2.441"	10.00'	56.90'
150jts 2-7/8", 6.5#, J-55 EUE Tbg	2-7/8"	2.441"	4841.75'	4899'
5.5" TAC / 45K Shear	4-7/16"	2.441"	2.75'	4901'
39jts 2-7/8", 6.5#, J-55 EUE Tbg	2-7/8"	2.441"	1260.78'	6162'
SN 2.28	2-7/8"	2.280"	1.10'	6163'
Perforated pup jt	2-7/8"	2.441"	4.20'	6167'
1jt	2-7/8"	2.441"	32.23'	6199.7'
Notched collar	3.668	2.441"	0.44'	6200'