

Logos 5 Basin Mancos / Basin Dakota

SHL: 671' FSL & 973' FEL
SE/SE Section 4(P), T23N, R8W

San Juan, NM
Elevation: 6867'
API: 30-045-35423

Spud: 1/30/13

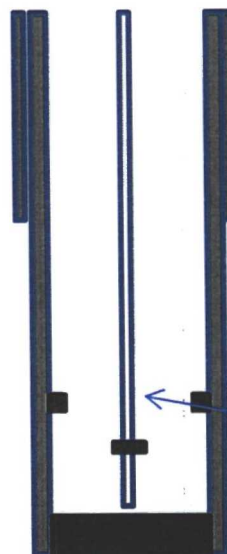
Completed: 3/12/13

Install Gas Lift: 2/27/15

Recomplete: 12/23/16

Formation	MD
Ojo Alamo	950
Kirtland	1164
Fruitland Coal	1685
Pictured Cliffs	1690
Cliffhouse	3100
Menefee	3150
Point Lookout	4040
Mancos	4150
Gallup	5040
Greenhorn	5972
Dakota	6100

Mancos:
Perf'd MC stg: 4815'-4943',
w/28, 0.32" holes. Frac'd w/
180,294, 20/40 PSA sand



TD: 6443' MD
PBTD: 6390' MD

Spud well at 09:30. Drilled a 12-1/4" surface hole to 343' KB. Ran in hole with 11 joints of 9-5/8" 36# J-5_5 casing. Set at 343'. Cemented with 162 cu.ft. of Type 1-2 cement with 20% flyash @ 14.5 lb. Dropped plug and displaced 24 bbls of fresh water. Well locked up with full circulation - no cement to surface. Ran 1" pipe down the backside of the casing and tagged cement top at 54'. Mixed and pumped 23 sacks (3.5 bbls) of cement down the 1" pipe and circulated 0.5 bbls of cement to surface.
Surface Casing - Hole Size: 12-1/4"

Drilled a 7-7/8" hole to 6443'. Set 152 joints of 5-1/2", 17#, L-80 at 6435'. DV Tool set at 4267'
TOC at surface Stage 1: Cemented with 160 sacks Premium Lite HS FM, tailed with 168 sacks Type III cement; circulated 30 bbls of cement to surface. Stage 2: Cemented with 512 sacks Premium Lite HS FM, tailed with 50 sacks Type III cement; circulated 30 bbls of cement to surface.
Final Casing - Hole Size: 6-1/8"

Landed @ 4910' w/ 11' kb as follows: 2 3/8' MS, 1jt of 2.375" J55tbg, 1.787" RN @ 4979', 3jt of 2.375" J55tbg, 7" AS1-X pkr @ 4779', On/Off Tool @ 4777', 4.2' pup jt, 1jt 2.375" J55tbg, 1jt 2.375" J55tbg, GLV #1 @ 4738', 6jts of 2.375" J55tbg, X-NIP @ 4707', 13jts of 2.375" J55tbg, GLV #2 @ 4295', 19jts of 2.375 J55, GLV #3 @ 3709', 22jts of 2.375" J55tbg, GLV #4 @ 3007', 25jts of 2.375" J55tbg, GLV # 5 @ 2200', 31jts of 2.375" J55tbg, GLV #6 @ 1205', 37jts of 2.375" J55tbg, Hanger, 11' KB total 152jts of 2.375" 4.7# J55tbg in well. Landed tbg in 25K tension. ND BOP, NU production tree. RD rig 23.

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	113 sx	182 cu.ft.	Surface
7-7/8"	5-1/2"	890 sx	1344 cu. ft.	Surface

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