CHACO 2308-04D #458H Nageezi Gallup / Basin Mancos(page 1)

Spud: 1/14/15

Completed: 4/17/15

SHL: 484' FNL & 755' FWL

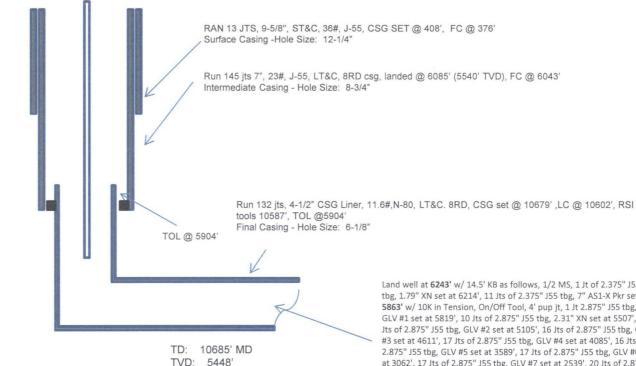
NW/4 NW/4 Section 4 (D), T23N, R8W

BHL: 1300' FNL & 247' FWL

NW/4 NW/4 Section 5 (D), T23N, R 8W

SAN JUAN NM Elevation: 7078 API: 30-045-35615

Tops	MD	TVD	
Ojo Alamo: Kirtland: Picture Cliffs: Lewis: Chacra: Cliff House: Menefee: Point Lookout: Mancos:	1163 1421 1918 2039 2307 3428 3486 4355 4553	1159 140 1889 2007 2268 3355 3411 4529 4453	7
Gallup;	4910	4810)



Land well at 6243' w/ 14.5' KB as follows, 1/2 MS, 1 Jt of 2.375" J55 tbg, 1.79" XN set at 6214', 11 Jts of 2.375" J55 tbg, 7" AS1-X Pkr set at 5863' w/ 10K in Tension, On/Off Tool, 4' pup jt, 1 Jt 2.875" J55 tbg, GLV #1 set at 5819', 10 Jts of 2.875" J55 tbg, 2.31" XN set at 5507', 13 Jts of 2.875" J55 tbg, GLV #2 set at 5105', 16 Jts of 2.875" J55 tbg, GLV #3 set at 4611', 17 Jts of 2.875" J55 tbg, GLV #4 set at 4085', 16 Jts of 2.875" J55 tbg, GLV #5 set at 3589', 17 Jts of 2.875" J55 tbg, GLV #6 set at 3062', 17 Jts of 2.875" J55 tbg, GLV #7 set at 2539', 20 Jts of 2.875" J55 tbg, GLV #8 set at 1922', 25 Jts of 2.875" J55 tbg, GLV #9 set at 1156', 37 Jts of 2.875" J55 tbg, Total 12 Jts of 2.375" J55 tbg, Total 189 Jts of 2.875" J55 tbg in well, lock down tbg hanger

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	245 s x	222 cu.ft.	Surface
8-3/4"	7"	1152 s x	1641 cu. ft.	Surface
6-1/8"	4-1/2"	380 s x	523 cu. ft.	TOL 5904'

PBTD: 10602' MD

OIL CONS. DIV DIST. 3 AUG 1 9 2015

Lg 4/22/15

Gallup 4th: RSI TOOL @ 9481'-9682'-10586' with Nageezi Gallup / Basin Mancos(page 1) 215,767# 20/40 with 24, 0.40" **PSA Sand** (page 2 – lateral with completion) holes. Frac Mancos 15th: Gallup 6th: Gallup 4th stage Mancos 13th: 8866'-9073'-6140'-6356'- with with 217,154#, 6757'-6943'- with 24, 0.40" holes. with 24, 0,40" 20/40 PSA 24. 0.40" holes. Mancos 11th: holes. Frac Frac Gallup 15th Sand Frac Gallup 13th 7326'-7530'- with 24. stage with Gallup 6th stage Mancos 9th: stage with 273,639#, 20/40 0.40" holes. Frac with 215,263#, 7910'-8131'- with 263,023#, 20/40 Gallup 11th stage with PSA Sand 20/40 PSA 24. 0.40" holes. Gallup 8th: **PSA Sand** 266,002#, 20/40 PSA Sand Frac Gallup 9th 8232'-8448'- with Sand stage with 24, 0.40" holes. 216,969#, 20/40 Frac Gallup 8th Gallup 3rd: Mancos 14th: PSA Sand 9782'-9983'- with stage with Gallup 7th: 6456'-6657'-24, 0.40" holes. 215,134#, 20/40 8548'-8764'with 24, 0.40" Mancos 12th: Frac Gallup 3rd .PSA Sand with 24, 0.40" Mancos 10th: holes. Frac 7043'-7229'- with stage with holes. Frac 7630'-7816'-Gallup 14th 24. 0.40" holes. 216,935#, 20/40 with 24, 0,40" Gallup 7th stage with Frac Gallup 12th **PSA Sand** stage with Gallup 5th: holes. Frac 263,384#, 20/40 stage with 262,858# 215,520# 9180'-9386'-with PSA Sand Gallup 10th 20/40 PSA Sand 20/40 PSA 24, 0.40" holes. stage with Sand Frac Gallup 5th 217,511#, stage with 20/40 PSA Gallup 2nd: 217,282#, 20/40 Sand 10080'-**PSA Sand** 10284'- with 24 total, 0.40" holes. Frac Gallup 2nd stage with 214,500#, 20/40 PSA Sand

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Gallup 1st:

10384'-10519' +