CHACO 2308-08A #285H Nageezi Gallup / Basin Mancos(page 1)

Spud: 3/10/15

Completed: 5/4/15

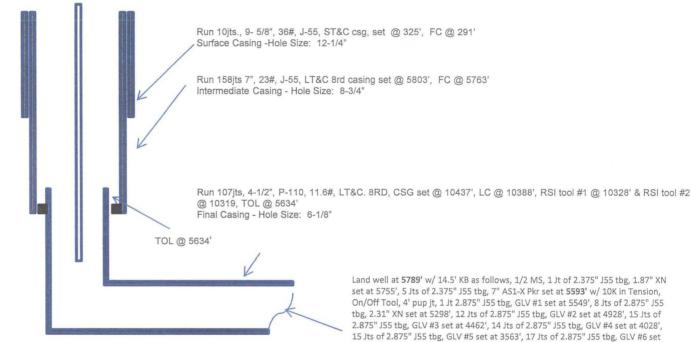
SHL: 328' FNL & 334' FEL NE/4 NE/4 Section 8 (A), T23N, R8W

BHL: 377' FSL & 230' FWL

SW/4 SW/4 Section 5 (M), T23N, R 8W

SAN JUAN NM Elevation: 6846 API: 30-045-35643

Tops	MD	TVD
Ojo Alamo: Kirtland: Picture Cliffs: Lewis: Chacra: Cliff House: Menefee: Point Lookout: Mancos: Gallup;	1005 1182 1584 1708 1980 3124 3181 4112 4229 4655	1003 1177 1567 1686 1947 3040 3094 3989 4104 4529



Land well at 5789' w/ 14.5' KB as follows, 1/2 MS, 1 Jt of 2.375" J55 tbg, 1.87" XN set at 5755', 5 Jts of 2.375" J55 tbg, 7" AS1-X Pkr set at 5593' w/ 10K in Tension, On/Off Tool, 4' pup jt, 1 Jt 2.875" J55 tbg, GLV #1 set at 5549', 8 Jts of 2.875" J55 tbg, 2.31" XN set at 5298', 12 Jts of 2.875" J55 tbg, GLV #2 set at 4928', 15 Jts of 2.875" J55 tbg, GLV #3 set at 4462', 14 Jts of 2.875" J55 tbg, GLV #4 set at 4028', 15 Jts of 2.875" J55 tbg, GLV #5 set at 3563', 17 Jts of 2.875" J55 tbg, GLV #6 set at 3038', 19 Jts of 2.875" J55 tbg, GLV #7 set at 2452', 20 Jts of 2.875" J55 tbg, GLV #8 set at 1832', 22 Jts of 2.875" J55 tbg, GLV #9 set at 1151', 37 Jts of 2.875" J55 tbg, Total 6 Jts of 2.375" J55 tbg in well, Total 180 Jts of 2.875" J55 tbg in well, 186 Total Jts, lock down tbg hanger.

TD:	10437' MD
TVD:	5160'
PBTD	: 10388' MD

6-1/8"	4-1/2"	374 sx	505 cu. ft.	TOC 112'
8-3/4"	7"	1114 s x	1587 cu. ft.	Surface
12-1/4"	9-5/8"	10 1 s x	162 cu.ft.	Surface
HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP

OIL CONS. DIV DIST. 3 MAY 1 1 2015

La 5/6/15

RSI TOOL #1 Gallup 4th: 9207'-9408'-@ 10319' & Nageezi Gallup / Basin Mancos(page 1) with 24, 0,40" 10328' with 211,535# 20/40 holes. Frac (page 2 – lateral with completion) Gallup 6th: Gallup 4th stage PSA Sand 8635'-8821'with 220,452#, with 24, 0,40" 20/40 PSA Mancos 15th: Mancos 13th: Gallup 8th: holes, Frac Sand 5851'-6082'- with 6513'-6744'- with 8063'-8249'- with 24. Gallup 6th stage 24, 0.40" holes. 24. 0.40" holes. 0.40" holes. Frac Gallup Mancos 11th: with 225,770#. Frac Mancos 15th Frac Mancos 13th 7145'-7361'- with 24. 8th stage with 213.097#. 20/40 PSA stage with stage with 20/40 PSA Sand Sand 0.40" holes. Frac 277.543#, 20/40 263.814#, 20/40 Gallup 11th stage with PSA Sand PSA Sand 253.079#, 20/40 PSA Mancos 9th: Gallup 3rd: Sand 7777'-7963'- with 9508'-9754'- with 24, 0.40" holes. Gallup 7th: 24. 0.40" holes. Frac Mancos 9th Frac Gallup 3rd 8349'-8535'stage with stage with with 24, 0,40" 222,660#, 20/40 218,301#, 20/40 holes. Frac Mancos 12th: PSA Sand PSA Sand Gallup 7th Mancos 14th: 6844'-7045'- with stage with Mancos 10th: 6182'-6413'-24. 0.40" holes. Gallup 5th; 7461'-7677'-223,022# with 24, 0,40" Frac Mancos 12th 8921'-9107'-with with 24, 0.40" 20/40 PSA holes. Frac stage with 264,824# 24, 0.40" holes. holes, Frac Sand Mancos 14th 20/40 PSA Sand Gallup 2nd: Frac Gallup 5th Mancos10th stage with 9854'-10040'stage with stage with 268,235#, 20/40 with 24 total, 224,913#, 20/40 214,115#, PSA Sand 0.40" holes. PSA Sand 20/40 PSA Frac Gallup Sand 2nd stage with 215.542#. 20/40 PSA Sand

CHACO 2308-08A #285H

Gallup 1st:

10140'-10265' +