CHACO 2308-16I #148H BASIN MC/NAGEEZI GL Horizontal

(page 1)

Spud: 2/3/14

Completed: 5/27/14

Amended- Correct

PBTD

SHL: 1531' FSL & 281' FEL

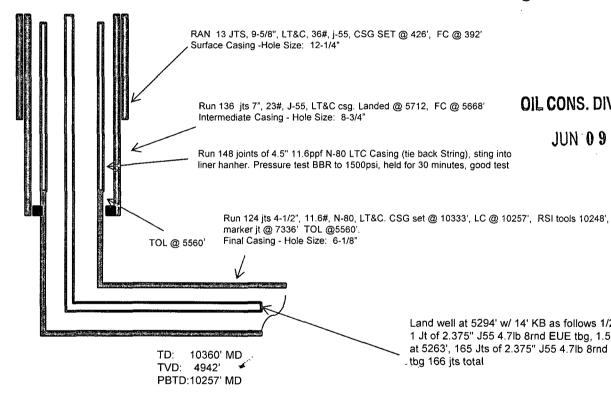
NE/4 NE/4 Section 16 (I), T23N, R8W

BHL: 378' FSL & 231' FWL

SW/4 SW/4 Section 16(M), T23N, R 8W

SAN JUAN NM Elevation: 6866' API: 30-045-35500

Tops MD	TVD
Ojo Alamo 837'	837'
Kirtland 984'	984'
Pictured Cliffs 1440 '	1432
Lewis 1643'	1628′
Chacra 1826'	1802′
Cliff House 2971'	2880 '
Menefee 3018'	2925′
Point Lookout 3951'	3805'
Mancos 4148'	3991'
Gallup 4513'	4337′



CONFIDENTIAL

OIL CONS. DIV DIST. 3

JUN 09 2014

Land well at 5294' w/ 14' KB as follows 1/2 MS, 1 Jt of 2.375" J55 4.7lb 8rnd EUE tbg, 1.50" FN at 5263', 165 Jts of 2.375" J55 4.7lb 8rnd EUE tbg 166 its total

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	250 sx	222 cu.ft.	Surface
8-3/4"	7"	822 s x	1225 cu. ft.	Surface
6-1/8"	4-1/2"	380 s x	1386 cu. ft.	TOL 5560'

Lg 6/9/14/14

CHACO 2308-16I #148H with 24, 0.40" RSI TOOL @ holes. Frac 10251' with 18, BASIN MC/NAGEEZI GL Horizontal Gallup 4th stage 0.40" holes. Gallup 15th: with 203 000#, 10041'-10251'-5728'-5870'- with 20/40 PSA (page 2 – lateral with completion) Gallup 13th: with 200,200 # 24, 0.40" holes. Sand 6254'-6440'- with 20/40 PSA Frac Gallup 15th Gallup 11th: Gallup 6th: 24, 0.40" 6830'-7014' -8372'-8565'-Sand stage with holes.Frac Gallup with 24, 0.40" holes. with 24, 0.40" 240.042# . 20/40 Gallup 9th: Gallup 7th: 13th stage with Frac Gallup 11th stage holes. Frac 7406'-7639'- with PSA Sand 8054'-8260'-239,562# , 20/40 with 265,000#, 20/40 24, 0.40" holes. with 24, 0.40" Gallup 6th stage PSA Sand PSA Sand holes. Frac with 201,300#, Frac Gallup 9th 20/40 PSA stage with Gallup 7th Gallup 3rd: 200,200#, 20/40 Sand stage with 9440'-9640',- with PSA Sand 200,800#, Gallup 10th: Gallup 8th: 24. 0.40" holes. 20/40 PSA 7114'-7298'-7739'-7946'- with Frac Gallup 3rd Gallup 14th: Gallup 12th: Sand stage with with 24, 0.40" 24. 0.40" 5967'-6156'- with 6540'-6723'- with 203,400#, 20/40 holes. Frac holes.Frac Gallup 24, 0.40" holes. 24, 0.40" holes. PSA Sand Gallup 10th 8th stage with Frac Gallup 12th Frac Gallup 14th stage with 201,500# , 20/40 stage with stage with Gallup 2nd: 198,000#, PSA Sand 239.674# . 20/40 239,095#, 20/40 9748'-9940'-20/40 PSA PSA Sand PSA Sand with 24 total. Gallup 5th: Sand 0.40" holes. 8666'-8890'-with 24, 0.40" holes. Frac Gallup 2nd stage with Frac Gallup 5th 199.700 # 20/40 stage with PSA Sand 202,500#, 20/40 PSA Sand

Gallup 4th:

9008'-9280'-

Gallup_1st;

10041'-10175' +