MC Com 8 #410H Basin MC/Lybrook GL (page 1)

Spud: 1/5/16 Completed: 3/21/16

CONFIDENTIAL

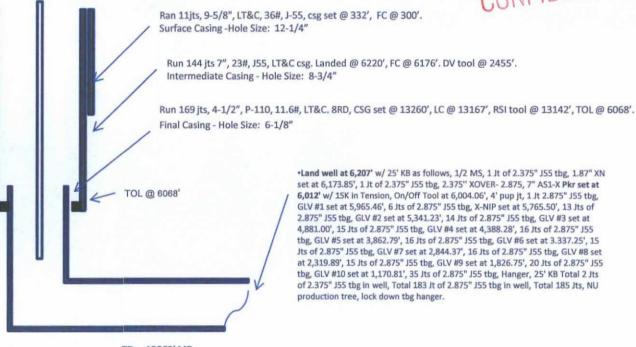
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SHL: 956' FSL & 2223' FWL SE/4 SW/4 Section 7 (N), T23N, R7W

BHL: 1166' FSL & 333' FWL SW/4 SW/4 Section 12 (M), T23N, R8W

Rio Arriba/San Juan NM Elevation: 7307' API: 30-039-31340

Formation	MD	TVD
OJO ALAMO	1458	1446
KIRTLAND	1811	1791
PICTURE CLIFFS	2155	2127
LEWIS	2275	2244
CHACRA	2582	2545
CLIFF HOUSE	3666	3607
MENEFEE	3719	3659
PT LOOKOUT	4547	4470
MANCOS	4784	4702
GALLUP	5132	5047



TD: 13265' MD TVD: 5685' PBTD: 13167' MD

set at 6,173.85', 1 Jt of 2.375" J55 tbg, 2.375" XOVER- 2.875, 7" AS1-X Pkr set at 6,012' w/ 15K in Tension, On/Off Tool at 6,004.06', 4' pup jt, 1 Jt 2.875" J55 tbg, GLV #1 set at 5,965.46', 6 Jts of 2.875" J55 tbg, X-NIP set at 5,765.50', 13 Jts of 2.875" J55 tbg, GLV #2 set at 5,341.23', 14 Jts of 2.875" J55 tbg, GLV #3 set at 4,881.00', 15 Jts of 2.875" J55 tbg, GLV #4 set at 4,388.28', 16 Jts of 2.875" J55 tbg, GLV #5 set at 3,862.79', 16 Jts of 2.875" J55 tbg, GLV #6 set at 3.337.25', 15 Jts of 2.875" J55 tbg, GLV #7 set at 2,844.37', 16 Jts of 2.875" J55 tbg, GLV #8 set at 2,319.89', 15 Jts of 2.875" J55 tbg, GLV #9 set at 1,826.75', 20 Jts of 2.875" J55 tbg, GLV #10 set at 1,170.81', 35 Jts of 2.875" J55 tbg, Hanger, 25' KB Total 2 Jts of 2.375" J55 tbg in well, Total 183 Jt of 2.875" J55 tbg in well, Total 185 Jts, NU production tree, lock down tbg hanger.

HOLE SIZE CASING CEMENT VOLUME CMT TOP 12-1/4" 9-5/8" 10 ls x 163cu.ft. Surface 8-3/4" 7" 885 sx 1479 cu.ft Surface 6-1/8" 4-1/2" TOL 6068' 650sx 884 cu.ft.

N

Lg 3/21/16

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24, 0.35" holes. Frac GL 24 th stage	'-7332'- with GL 19 th : .35" holes. 7688'-7903'- with GL 21 st 24, 0.35" holes. with Frac GL 19 th e with Frac GL 19 th	Basin (page 2 – 10 <u>GL 15th:</u> 8866'-9088'- with 24, 0.35"	Com 8 #410H MC/Lybrook GL ateral w/ completion)	11160-11375'- with 24, with 24, 0.35" holes. Frac MC 7 th stage with 287,00 285 000# 287,00	-11947'- 0.35" holes wit 4, 0.35" 214,000# 20/4 Frac MC 5 th Mancos 3'd : PSA Sand vith 12303'-12520'-
stage with 285,00 284,500#, 20/40 PSA PSA Sand PSA GL 23 ND 6584'-6769'- with 6584'-6769'- with 24, 0.35" holes. Frac GL 23 rd stage with 286,000#, 20/40 PSA PSA Sand GL 22 ND 6830'-7046'- with	000#, 20/40 stage with 24, 0.35	17th 15th stage with Mancos th 285,100#, 9444'-9 #, 20/40 20/40 PSA with 24,	359'- 10016'- 0.35" 10231'- with rac MC 24, 0.35" ge with holes. Frac #, MC 11 th stage	20/40 PSA Sand <u>Mancos 9th:</u> 10588'-10804'- with 24, 0.35" holes. Frac MC 9 th stage with 285,000#, 20/40 PSA Sand <u>Mancos 8th:</u> 10874'-11090'- with 24, 0.35" holes. Frac MC 8 th stage with 285,000#, 20/40 PSA Sand <u>Mancos 6th:</u> 11446'-11651'- with 24, 0.35" holes. Frac MC 8 th stage with 285,000#, 20/40 PSA Sand C	Mancos 4 th : 12018'-12237'- with 24, 0.35" holes. Frac MC 3 rd stage with 285,000#, 20/40 PSA Sand Mancos 4 th : 12018'-12237'- with 24, 0.35" holes. Frac MC 4 th holes. Frac MC 4 th holes. Frac MC 4 th stage with holes. Frac MC 2 th 285,100#, 20/40 2 rd stage with PSA Sand 20/40 PSA Sand

See page 1 for upper portion of hole