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

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

CONFIDENTIAL

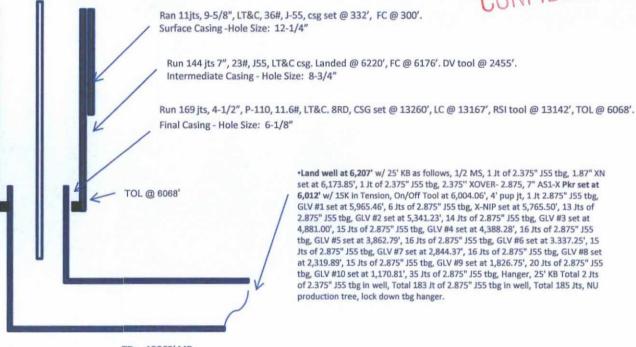
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SHL: 956' FSL & 2223' FWL SE/4 SW/4 Section 7 (N), T23N, R7W

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

## MC Com 8 #410H Basin MC/Lybrook GL

24, 0.35" holes. Frac GL 24 <sup>th</sup> stage	'-7332'- with GL 19 <sup>th</sup> :   .35" holes. 7688'-7903'- with   GL 21 <sup>st</sup> 24, 0.35" holes.   with Frac GL 19 <sup>th</sup> e with Frac GL 19 <sup>th</sup>	Basin (page 2 – 10 <u>GL 15<sup>th</sup>:</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 <sup>th</sup> stage with 287,00   285 000# 287,00	-11947'- 0.35" holes wit 4, 0.35" 214,000# 20/4 Frac MC 5 <sup>th</sup> Mancos 3'd : PSA Sand vith 12303'-12520'-
stage with 285,00   284,500#, 20/40 PSA   PSA Sand PSA   GL 23 <sup>ND</sup> 6584'-6769'- with   6584'-6769'- with 24, 0.35" holes.   Frac GL 23 <sup>rd</sup> stage with   286,000#, 20/40 PSA   PSA Sand   GL 22 <sup>ND</sup> 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 <sup>th</sup> stage	20/40 PSA Sand <u>Mancos 9<sup>th</sup>:</u> 10588'-10804'- with 24, 0.35" holes. Frac MC 9 <sup>th</sup> stage with 285,000#, 20/40 PSA Sand <u>Mancos 8<sup>th</sup>:</u> 10874'-11090'- with 24, 0.35" holes. Frac MC 8 <sup>th</sup> stage with 285,000#, 20/40 PSA Sand <u>Mancos 6<sup>th</sup>:</u> 11446'-11651'- with 24, 0.35" holes. Frac MC 8 <sup>th</sup> stage with 285,000#, 20/40 PSA Sand C	Mancos 4 <sup>th</sup> :   12018'-12237'-   with 24, 0.35"   holes. Frac MC   3 <sup>rd</sup> stage with   285,000#, 20/40   PSA Sand   Mancos 4 <sup>th</sup> :   12018'-12237'-   with 24, 0.35"   holes. Frac MC 4 <sup>th</sup> holes. Frac MC 4 <sup>th</sup> holes. Frac MC 4 <sup>th</sup> stage with   holes. Frac MC 2 <sup>th</sup> 285,100#, 20/40   2 <sup>rd</sup> stage with   PSA Sand   20/40 PSA Sand

See page 1 for upper portion of hole