

W Lybrook UT 747H Lybrook Mancos W

(page 1)

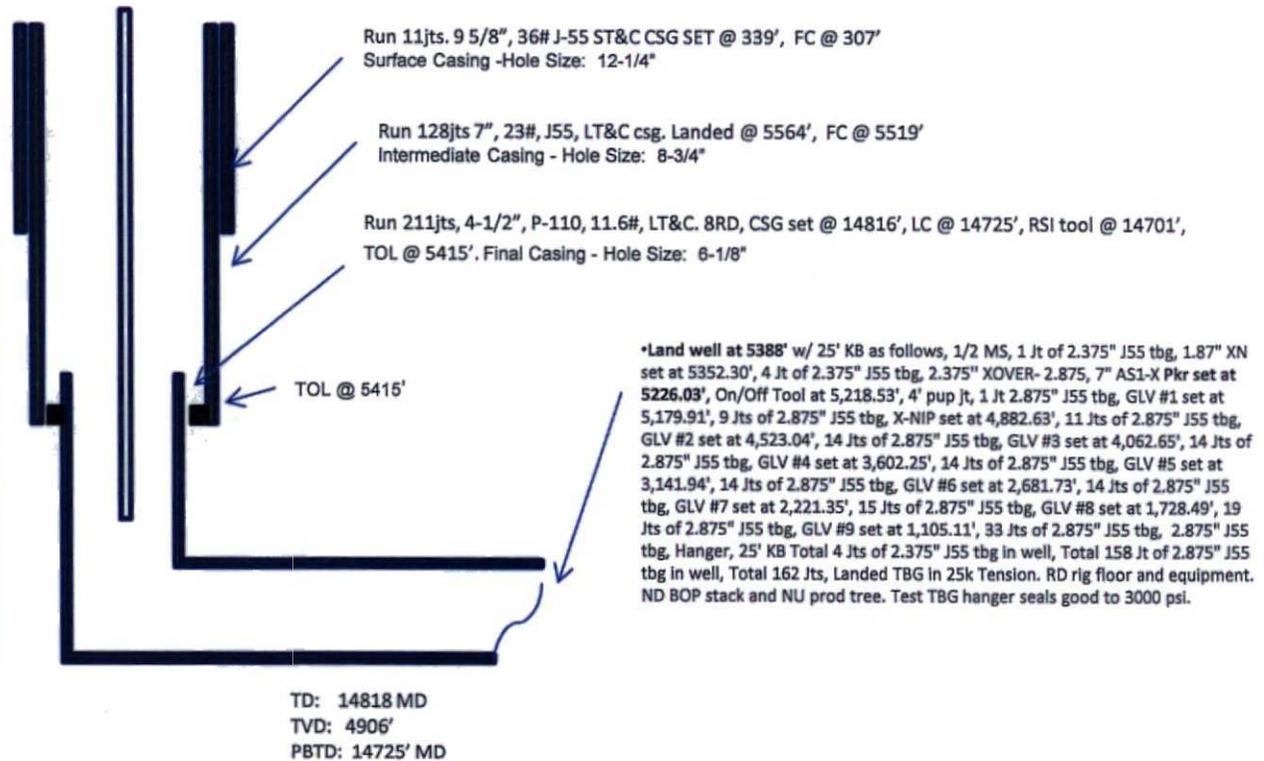
Spud: 2/18/16
Completed: 7/1/16

SHL: 869' FSL & 385' FEL
SE/4 SE/4 Section 12 (P), T23N, R9W

BHL: 334' FSL & 1759' FWL
SW/4 SW/4 Section 17 (N), T23N, R8W

San Juan NM
Elevation: 6733'
API: 30-045-35742

Formation Top	MD	TVD
OJO ALAMO	617	616
KIRTLAND	765	763
PICTURE CLIFFS	1282	1270
LEWIS	1429	1412
CHACRA	1654	1627
CLIFF HOUSE	2854	2745
MENEFEE	2874	2764
PT LOOKOUT	3866	3695
MANCOS	4050	3869
GALLUP	4404	4213



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	10 lxx	162 cuft	Surface
8-3/4"	7"	9 10sx	1514 cuft	Surface
6-1/8"	4-1/2"	8 55sx	1163 cuft	TOL 5415'

OIL CONS. DIV DIST. 3

JUL 1 3 2016

CONFIDENTIAL

**W Lybrook UT 747H
Lybrook Mancos W
(page 2 – lateral w/ completion)**

Mancos 24th
9748'-9904'- w/ 24,
0.35" holes. Frac
Mancos 24th stage
w/ 210,439#, 20/40
PSA Sand

Mancos 21st
10366'-10520'- w/
24, 0.35" holes.
Frac Mancos 21st
stage w/ 212,980#,
20/40 PSA Sand

Mancos 19th
10778'-10934'- w/
24, 0.35" holes.
Frac Mancos 19th
stage w/ 214,660#,
20/40 PSA Sand

Mancos 17th
11190'-11346'- w/
24, 0.35" holes.
Frac Mancos 17th
stage w/
224,500#, 20/40
PSA Sand

Mancos 15th
11602'-11758'-
w/ 24, 0.35"
holes. Frac
Mancos 15th
stage w/
215,260#, 20/40
PSA Sand

Mancos 13th
12016'-12170'-
w/ 24, 0.35"
holes. Frac
Mancos 13th
stage w/
212,580#, 20/40
PSA Sand

Mancos 11th
12426'-12582'-
w/ 24, 0.35"
holes. Frac
Mancos 11th
stage w/
217,390#, 20/40
PSA Sand

Mancos 9th
12838'-12992'- w/
24, 0.35" holes.
Frac Mancos 9th
stage w/ 215,140#,
20/40 PSA Sand

Mancos 8th
13046'-13172'-
w/ 24, 0.35"
holes. Frac
Mancos 8th
stage w/
214,620#,
20/40 PSA Sand

Mancos 6th
13456'-13612'-
w/ 24, 0.35"
holes. Frac
Mancos 6th
stage w/
209,780#,
20/40 PSA Sand

Mancos 4th
13868'-14024'-
w/ 24, 0.35"
holes. Frac
Mancos 4th stage
w/ 211,760#,
20/40 PSA Sand

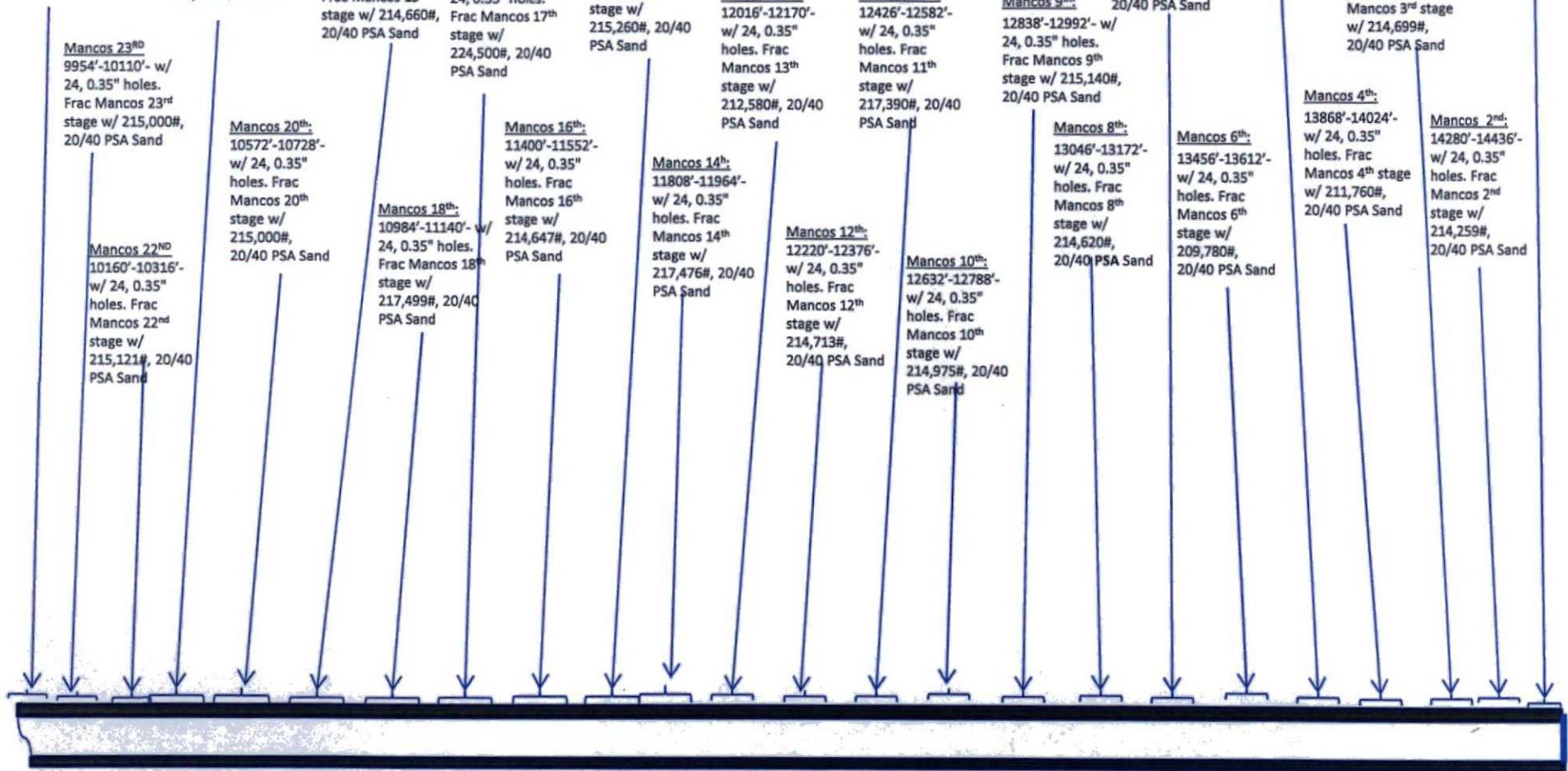
Mancos 2nd
14280'-14436'-
w/ 24, 0.35"
holes. Frac
Mancos 2nd
stage w/
214,259#,
20/40 PSA Sand

Mancos 7th
13250'-13406'-
w/ 24, 0.35"
holes. Frac
Mancos 7th
stage w/
215,280#,
20/40 PSA Sand

Mancos 5th
13662'-13818'-w/
24, 0.35" holes.
Frac Mancos 5th
stage w/
216,880#, 20/40
PSA Sand

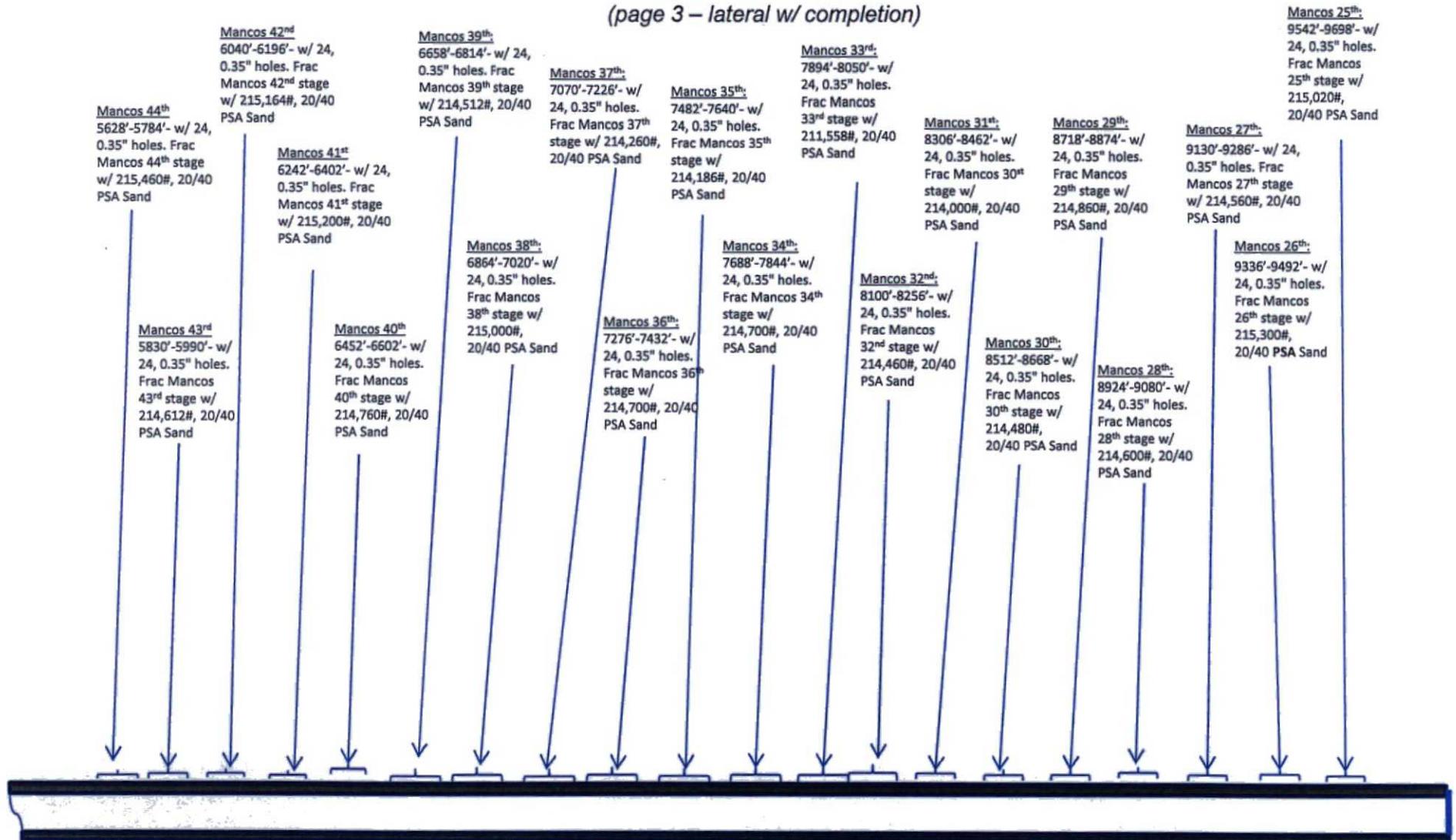
Mancos 3rd
14074'-14230'-
w/ 24, 0.35"
holes. Frac
Mancos 3rd stage
w/ 214,699#,
20/40 PSA Sand

Mancos 1st
14496'-14620' +
RSI TOOL @
14701', w/ 18,
0.35" holes. Frac
Mancos 2nd stage
w/214,462#,
20/40 PSA Sand



See page 1 for upper portion of hole

W Lybrook UT 747H
 Lybrook Mancos W
 (page 3 – lateral w/ completion)



See page 1 for upper portion of hole