

CHACO 2206-16A #221H

LYBROOK GALLUP Horizontal

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Surface Location: 738' FNL & 270' FEL
NE/4 NE/4 Section 16 (A), T22N, R6W

BHL: 363' FNL & 291' FWL
NW/4 NW/4 Section 16 (D), T22N, R 6W

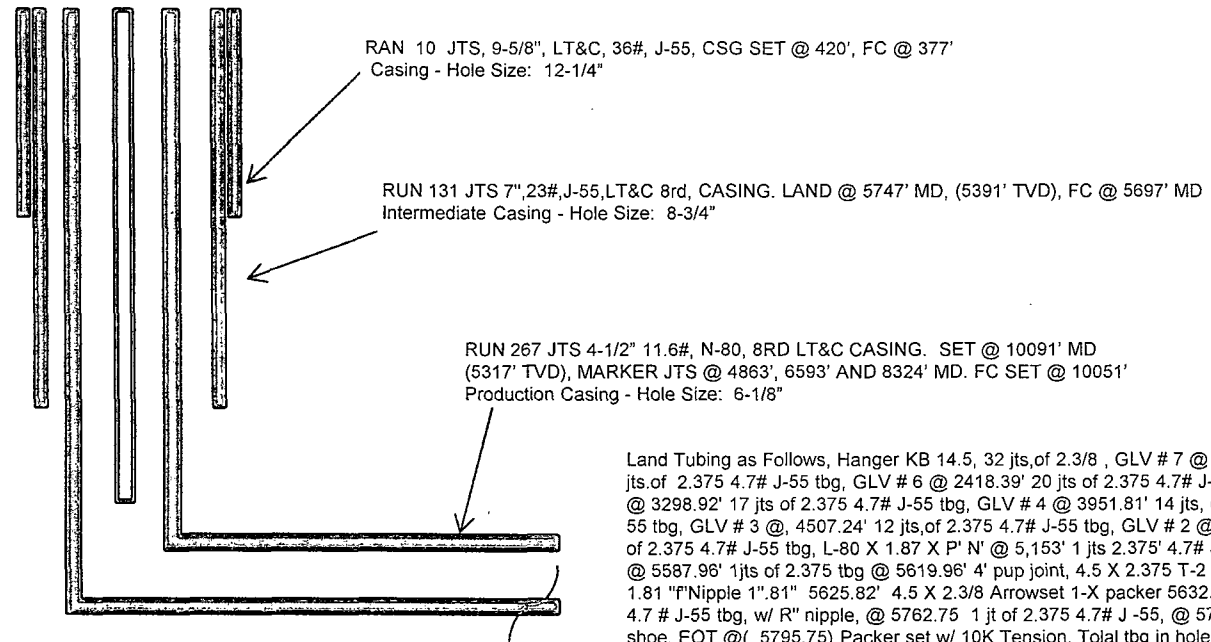
SANDOVAL Co., NM
Elevation: 7148' GR
API: 30-043-21148

Spud: 7/23/13

Completed: 10/4/13

GAS LIFT: 3/5/15

Tops	MD	TVD
Ojo Alamo	1291'	1291'
Kirtland	1481'	1481'
Pictured Cliffs	1831'	1830'
Lewis	1948'	1946'
Chacra	2236'	2230'
Cliff House	3343'	3305'
Menefee	3393'	3350'
Point Lookout	4184'	4140'
Mancos	4305'	4261'
Gallup	4695'	4651'

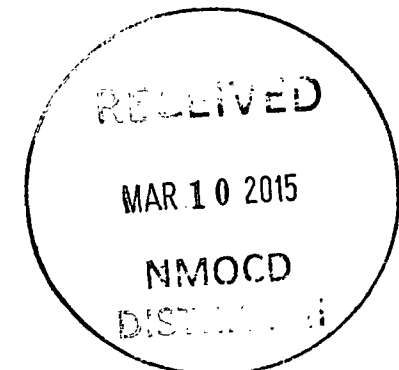


TD: 10093' MD
TVD: 5317'
PBTD: 10050' MD

Land Tubing as Follows, Hanger KB 14.5, 32 jts, of 2.3/8, GLV # 7 @ 1375.64' 27 jts, of 2.375 4.7# J-55 tbg, GLV # 6 @ 2418.39' 20 jts of 2.375 4.7# J-55 tbg, GLV # 5 @ 3298.92' 17 jts of 2.375 4.7# J-55 tbg, GLV # 4 @ 3951.81' 14 jts, of 2.375 4.7 # J-55 tbg, GLV # 3 @. 4507.24' 12 jts, of 2.375 4.7# J-55 tbg, GLV # 2 @ 5354.99' 7 jts of 2.375 4.7# J-55 tbg, L-80 X 1.87 X P' N' @ 5,153' 1 jts 2.375' 4.7# J-55 jts, GLV # 1 @ 5587.96' 1jts of 2.375 tbg @ 5619.96' 4' pup joint, 4.5 X 2.375 T-2 On/ Off tool, w/ 1.81 "Nipple 1".81" 5625.82' 4.5 X 2.3/8 Arrowset 1-X packer 5632.02' 4 jts, 2.375 4.7 # J-55 tbg, w/ R" nipple, @ 5762.75 1 jt of 2.375 4.7# J -55, @ 5795.25 Half mule shoe, EOT @ (5795.75) Packer set w/ 10K Tension, Total tbg in hole 170 jts 2.375 4.7# J-55,

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8"	260 sx	304 cu.ft.	Surface
8-3/4"	7"	795 sx	1005 cu. ft.	Surface
6-1/8"	4-1/2"	440 sx	597 cu. ft.	4070' TOC

Lg 3/9/15



W