

Suggested Dunn-Murdock Well # 1 Re-completion

Tree : 2-1/16" , 5-M
Tree Connection : 2-7/8" 8 rd.
Tubing Head : 7-1/16" 5-M
Casing : 7-5/8" 29.7# P-110 LT&C
Tubing : 2-3/8" , L-80 , 4.7# , EUE 8rd.
Production packer : Weatherford Arrowset-1 packer . Packer ID (2.50")
BHP of the 8070' sand ; 3800 psi

Tubing Pressure : 150 psi
Casing Pressure : 0 psi

Item	ID(in)	Drift(in)	Burst(psi)	Coll(psi)	Tens(M#)	Cap(bbl/ft)
7-5/8" , 29.7# P-110 LT&C	6.875"	6.75"	9470	5340	769	0.0459
2-3/8" , 4.7# , L-80 EUE 8rd.	1.995"	1.901	11,200	11780	104	0.00387

Present Status: Well shut in with 150 # on tubing and 0# on annulus

- (1) Check tubing & casing pressure , Fill backside with field water , Fill tubing & bullhead 52 bbls, of field water down to existing perforations @ 8275' .
- (2) R/up slickline , RIH with 1-11/16"x 40' dummy gauge check fluid level , continue in hole to 8480' , RIH with end of tubing locator , Locate end of tubing @ 8094' , Continue in hole & measure 7-5/8" casing rat hole from end of tubing until you tag fill on top of cement plug .
- (3) Check tubing pressure , Well should be static , R/up electric line , Test lubricator to 5000 psi , RIH with thru tubing bridge plug / Gammy Ray / CCL , Correlate bridge plug on depth , Set Vented bridge plug 15' above excising perforations @ 8258' , POOH .
- (4) P/up 40' dump bailer , Make 4- 40' dump bailer runs dumping 8' of cement on top of vented bridge plug . R/down electric line .
- (5) Wait on cement 18 - 24 hours
- (6) R/up electric line , Test lubricator to 5000 psi , RIH close vent on thru tubing bridge plug & make 6 - 40' dump bailer runs dumping 12 feet of cement . For a total of 20' of cement on top of vented bridge plug , (Top of cement should be @ 8238' .
- (7) Wait on cement 24 hours .
- (8) Fill tubing with field water and test plug to 3000 psi , R/up electric line , Test lubricator to 5000 psi , RIH with 21' of 1-11/16" 8-SPF strip guns , Perforate the upper part of the 8070 sand F/ 8169' to 8148' = 21' , POOH , R/down de-mob electric line .
- (9) Swab well in , **If well is productive , Turn well over to production**

Tree: 2 1/16", 5M
 KB Elevation = 29.3'
 GL =
 Tubing: 2-3/8", 4.7#, L-80, EUE 8rd

16" Conductor @ 75'

10 3/4", 40.5#, J-55, STC Casing @ 2235'
 Cemented to surface w/3217 sxs cement

AS-I Pkr @ 8094'

ETOC @ 8480'
 CIBP @ 8500' w/20' cmt on top

Cement Retainer @ 8588'

TCP Guns auto released

ETOC @ 9590'
 CIBP @ 9610' w/20' cmt on top
 Tubing Jet Cut @ 9705'

5 1/2" Liner Top @ 9855'

CIBP @ 11467'

Tubing Jet Cut @ 11510'
 ETOC @ 12580'
 CIBP @ 12600'

ETOC @ 13580'
 CIBP @ 13600'

8200' Sand Perfs:
 8273'-8275'

8500' Sand Perfs:
 8568'-8572'

8500' Sand Perfs:
 8599'-8608', 8613'-8621', 8623'-8631'
 Sqzd

7 5/8", 29.7#, P-110, LTC @ 10200'
 Cemented w/1260 sxs cement

5 1/2", 20#, P-110, STL liner f/9855'-11585'
 Cemented w/235 sxs cement

King Sand Perfs:
 12670'-12690'

Dunn Murdock Sand Perfs:
 13646'-13658'

3 1/2", 9.3#, P-110 HDL f/9855'-13819'

TD = 13820' MD / TVD

Drawn by	Date	Novus Louisiana LLC Murdock Pass, East (Frio 8200) Dunn Murdock #001 Current Wellbore Schematic	Revised by	Date
RAS	10/21/2003			

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TTBP @ 8258' w/20' cmt on top

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