

Suckla #1 well - Location ID 399503, API No. 113-06015

Prepared 3/29/2019

FIELD NAME San Miguel County Wildcat
FIELD NUMBER 99999

LOCATION

Basin Paradox
Township, Range, and P.M. 43N, 17 W, NM P.M.
Elevations 5,648' GL, 5,662 KB

Notes:

Spud 6/12/1974
Well plugged as a dry hole on 7/23/1974
No production equipment at the wellsite
Well is leaking water to surface
Be prepared for possible hydrogen sulfide (H2S Drilling Operations Plan required) and water kicks while drilling out plugs
No geophysical logs available for planned work interval from surface to 1,103'

Depth	Formation/Member	Existing Casing and Cement Coverage
0	Mancos @ surface Dakota estimated to be shallow, possibly behind surface casing (likely source of water leak)	343' Surface Casing, 13-3/8", 54.5 ppf cemented w/ 450 sx in 17-1/2" hole (circ to surf) Existing Plugs: 35 sx 10' - surface, 403' - 303', and 1,203' - 1,103' Intermediate Casing cut and pulled at 1,153' top of cement behind 8-5/8" csg unknown
1,500	Entrada 1,697' Navajo 1,863' Wingate 2,205'	Existing Plug 35 sx 2,359' - 2,259' 2,314' Intermediate Casing, 8-5/8", 24-32 ppf cemented w/ 300 sx in 8-5/8" hole
3,000	Moenkopi 3,284' Cutler 3,890'	
4,500		
6,000		
7,500	Paradox (Ismay) 8,010'	No Completions - reported as a Dry Hole Existing Plug 35 sx 8,083' - 7,983' DST #1 Lower Ismay (8,160' - 8,228') DST #2 Desert Creek (8,316' - 8,416')
9,000	Molas 9,002' Mississippian 9,030'	Existing Plug 35 sx 9,089' - 8,989' DST #3 Mississippian (9,030' - 9,272')
10,500		9,272' TMD, estimated as 9,266' TVD drifted 127' laterally from SHL to BHL @ 9,200' MD

Depth	Plug Placement
0	Drill out surface plug (0' - 10') and shoe plug (303' - 403'); wash down and tag existing plug at approximately 1,103'; pump four plugs, totalling 659 sx, as follows: volume assumes capacity of 8-5/8" open hole 1,103' to 343' (760' / 2.4646 lf per cf / 1.15 cf per sk with 25% excess = 335 sx); pump in three jobs, tagging and checking for flow in between each job (WOC time 4 hrs between each job); after reaching the casing shoe, final plug assumes capacity of 13-3/8", 54.5 ppf casing (343' / 1.152 lf per cf / 1.15 cf per sk with 25% excess = 324 sx)
1,500	
3,000	
4,500	
6,000	
7,500	
9,000	
10,500	