

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

## COGCC Orphaned Well Program

Prepared 3/29/2019 Well Re-Plugged on 6/14/2019

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'

## Existing WBD prior to Orphaned Well Re-Plug Operations

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
9,000	Molas 9,002' Mississippian 9,030'	Existing Plug 35 sx 8,083' - 7,983' DST #1 Lower Ismay (8,160' - 8,228') DST #2 Desert Creek (8,316' - 8,416')
10,500		Existing Plug 35 sx 9,089' - 8,989' DST #3 Mississippian (9,030' - 9,272') 9,272' TMD, estimated as 9,266' TVD drifted 127' laterally from SHL to BHL @ 9,200' MD

## Planned Procedure

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	

## Work Summary:

6/11/2019 to 6/12/2019

No surface plug, tagged at 352', drilled out existing surface casing shoe plug to 425' then tagged next plug at 1118' Pumped 280 sx cement at 1115'

6/13/2019

Tagged plug at 649', pumped 210 sx cement at 645'

Tagged at 301', pumped 220 sx from 297' to surface

6/14/2019, cut off casing at 5', weld plate, and above-grade marker per landowner request