

Well: Callow Federal #1
 Location: 1,841' FSL & 790' FEL
 Sec 33 T29N R13W NMPM
 San Juan County, New Mexico
 API: 30-045-07663

Operator: Great Western Drilling Company
 Spud date: 9/29/1959
 Elevations: KB 5,509'
 KB-GL 9'
 GL 5,500'

TOPS	NOTES	HOLE SIZE	CASING & CEMENT
		14 3/4"	
	289'		10 3/4" 32.75# set at 289' cmtd to GL w/ 300 sx
		8 3/4"	TOC behind 7" casing not reported DV tool at 1,720' cmtd 3rd stage w/150 sx
			187 jts 2 3/8" 4.7# J-55 EUE w/ SH collars and stinger 6/14/89
Mancos at 4,000'			
Gallup at 4,900'			squeeze perms at 5,160' sqzd w/100 then 100 then 17 sx Gallup perms 5,164 - 5,204' Gallup perms 5,218 - 66'
			acdz w/ 2,000 gal 15% MCA and frac w/ 60,000 gal oil + 60,000 lb sand w/ 50 bbl oil over flush
			DV tool at 5,570' lost returns trying to circulate cement from 1st stage and squeezed cmtd 2nd stage w/125 sx
183 jts 2 3/8" 10rd N80 tubing to 5,595' 6/17/89			
Greenhorn at 5,700'			K-1 retrievable retainer at 5,714' 6/14/89
			4 11/16" Bowen overshot bowl on chemical cut 2 3/8" tubing stub at 5,719' 6/13/89
			model D packer with anchor seal assembly at 5,754'
Graneros at 5,762'			
Dakota at 5,810'			Dakota perms 5,810 - 46' Dakota perms 5,218 - 66' Dakota perms 5,934 - 43'
			acdz w/ 1,500 gal 15% MCA and frac w/ 70,000 gal water + 70,000 lb 20/40 sand
			7" 26# at 6,070' cmtd 1st stage to DV tool ? w/90 sx
	TD at 6,070'		