

Well Name: Cardon Com SWD 01

API/UWI 3004524392	Surface Legal Location SW1/4, NE1/4, Section 27, T32N,...	Field Name Basin(New Mexico)	License # 000000	State/Province New Mexico	Well Configuration Type Land
Original KB Elevation (ft) 5,909.00	KB-Tubing Head Distance (ft)	Spud Date 10/14/1980 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 7,952.0	Total Depth All (TVD) (ftKB)

Land, Original Hole, 3/28/2018 9:44:51 AM

MD (ftKB)	Vertical schematic (actual)	Zone (Contact Interval)
12.1	Des:Surface Casing Cement; Depth MD:12.0-294.0 ftKB; Date:10/14/1980	
12.8		
13.1	Des:Surface; OD:9 5/8 in; Wt.:36.00 lb/ft; Grade:K-55; Btm MD:294.0 ftKB	
14.8		
22.6		
293.0		
294.0		
2,350.1	Des:Production Casing Cement; Depth MD:12.0-3,622.0 ftKB; Date:10/15/1980	
2,351.0		
3,621.1		
3,622.0	Des:Perforation Squeeze; Depth MD:2,350.0-2,351.0 ftKB; Date:3/31/2007	
3,623.0		
4,215.9		
4,496.1		
4,797.9	Des:Liner Cement; Depth MD:12.0-4,799.0 ftKB; Date:7/24/1996	
4,798.9		
4,799.9		
5,086.1	Des:Production Casing Cement; Depth MD:3,622.0-5,099.0 ftKB; Date:10/15/1980	
5,099.1		
5,238.5		
7,240.5	Des:Production Casing; OD:7 in; Wt.:20.00 lb/ft; Grade:K-55; Btm MD:5,099.0 ftKB	
7,240.8		
7,242.1		
7,249.3	Des:Liner Cement; Depth MD:4,799.0-7,998.0 ftKB; Date:7/24/1996	
7,279.2		
7,279.9		
7,280.5		
7,286.7	No.:4-6; Des:X-Nipple; OD:2 3/8 in; ID:1.88 in; Top MD:7,240.3 ftKB; Btm MD:7,240.9 ftKB	
7,294.9		
7,295.9		
7,299.9		
7,300.5	No.:4; Des:Tubing - Production; OD:2 7/8 in; ID:1.87 in; Top MD:12.0 ftKB; Btm MD:7,280.4 ftKB	
7,321.9		
7,332.0		
7,339.9		
7,359.9		
7,376.0	No.:2-2; Des:Packer; OD:3 1/4 in; ID:2.00 in; Top MD:7,280.4 ftKB; Btm MD:7,286.8 ftKB	
7,384.2		
7,410.1		
7,430.1	No.:2-4; Des:R-Nipple; OD:2 3/8 in; ID:1.88 in; Top MD:7,295.0 ftKB; Btm MD:7,295.8 ftKB	
7,473.1		
7,476.0		
7,490.2		
7,529.9	No.:2; Des:Packer Assembly; OD:2 3/8 in; ID:1.87 in; Top MD:7,279.7 ftKB; Btm MD:7,300.4 ftKB	
7,540.0		
7,562.0		
7,569.9		
7,578.1		
7,582.0		
7,587.9	Des:Plug Back Total Depth; Depth MD:7,952.0 ftKB; Date:7/24/1996	
7,591.9		
7,602.0	Des:Liner Cement (plug); Depth MD:7,952.0-7,998.0 ftKB; Date:7/24/1996	
7,607.9		
7,779.9		
7,910.1		
7,952.1	Des:Production Liner 1; OD:4 1/2 in; Wt.:11.60 lb/ft; Grade:N-80; Btm MD:7,998.0 ftKB	
7,967.0		
7,968.0		
8,000.0		

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Top (ftKB)	Set Depth (ftKB)
Surface	9 5/8	36.00	K-55		12.0	294.0
Production Casing	7	20.00	K-55		12.0	5,099.0
Production Liner 1	4 1/2	11.60	N-80		12.0	7,998.0

Cement

Description	Comment
Surface Casing Cement	
Production Casing Cement	250 sks
Liner Cement	
Perforation Squeeze	

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)
3/30/2007	2,350.0	2,351.0	4.0
12/3/1980	4,216.0	4,496.0	1.0
11/7/2009	7,322.0	7,332.0	4.0
11/7/2009	7,340.0	7,360.0	4.0
11/7/2009	7,376.0	7,386.0	4.0
11/7/2009	7,410.0	7,430.0	4.0
11/7/2009	7,470.0	7,473.0	4.0
11/7/2009	7,476.0	7,490.0	4.0
11/7/2009	7,530.0	7,540.0	4.0
11/7/2009	7,562.0	7,570.0	4.0
11/7/2009	7,578.0	7,582.0	4.0
11/7/2009	7,588.0	7,592.0	4.0
11/7/2009	7,602.0	7,608.0	4.0
8/14/1996	7,780.0	7,910.0	4.0

Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Packer Assembly	11/18/2009	20.70	7,300.4

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Profile Nipple	2.66	0.75	7,279.7	7,280.4		
1	Packer	3 1/4	6.40	7,280.4	7,286.8		
1	Tubing Pup Joint	2 3/8	8.15	7,286.8	7,295.0	L-80	4.70
1	R - Nipple	2 3/8	0.80	7,295.0	7,295.8		
1	Tubing Pup Joint	2 3/8	4.15	7,295.8	7,299.9	L-80	4.70
1	Wireline Guide	3	0.45	7,299.9	7,300.4		

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	5/26/2016	7,268.40	7,280.4

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	7	0.82	12.0	12.8		
1	Cross Over	2 7/8	1.79	12.8	14.6		
1	Tubing Pup Joint	2 7/8	8.00	14.6	22.6	L-80	6.40
22	Tubing	2 7/8	7,215.8	22.6	7,238.4	L-80	6.40
1	Cross Over	2 7/8	1.93	7,238.4	7,240.4		
1	X - Nipple	2 3/8	0.52	7,240.4	7,240.9		
1	On-Off Tool	3 3/4	1.33	7,240.9	7,242.2		
1	Packer	3 1/4	7.02	7,242.2	7,249.2		
1	Tubing	2 3/8	29.85	7,249.2	7,279.1	L-80	4.70
1	On-Off Tool	3 3/4	1.33	7,279.1	7,280.4		

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)

Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)