





May 31, 2018

Sunflower 33 State Com # 1  
API # 30-025-36116  
Lea County, NM

Production Casing: 5-1/2" 17# @ 13,240'  
Current Producing Interval: 12,949-978'

**Objective:**

TA Wellbore. Further geological analysis is required in order to re-complete the well in a different horizon. The work will be pushed through at a later date, immediately after the analysis is complete.

**Procedure:**

1. MIRU WO Rig
2. ND Tree
3. NU BOP
4. POOH w/ production tbg
5. MIRU Wireline unit
6. RIH w/ CIBP and set @ 12,900'
7. Dump bail 35' cmt on top of CIBP
8. Pressure test casing to 500 psi
9. Lay down tbg and secure wellhead



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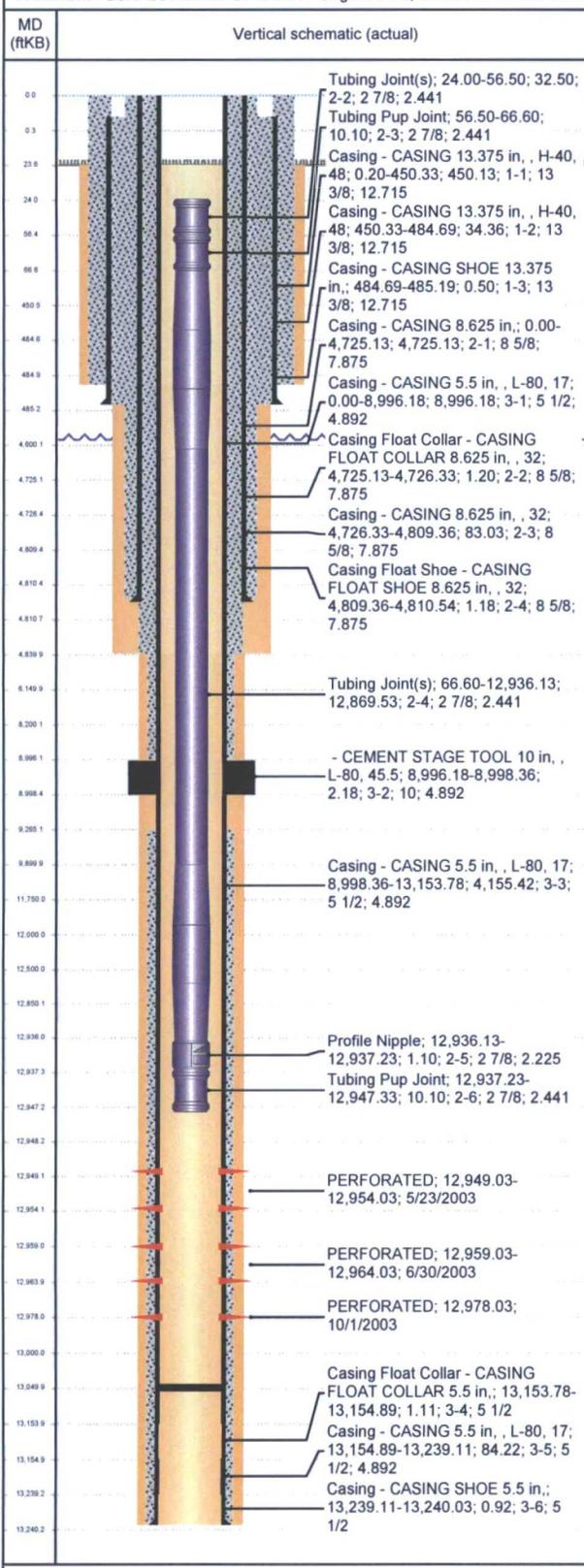


# Downhole Well Profile Complete

**Well Name: SUNFLOWER 33 STATE #1**

Wellbore API/UWI (API 12 Digits)	Surface Legal Location NE/4 NE/4 SECTION 33, T17S, R34E	Field Name VACUUM	State/Province New Mexico
Spud Date 3/24/2003	Original KB Elevation (ft) 4,078.5	Ground Elevation (ft) 4,055.0	KB-Ground Distance (ft) 23.5
PBTD (All) (ftKB) Original Hole - 13,050	Total Depth (ftKB) 13,240.0	Apache Working Interest (%)	

Production - SUNFLOWER 33 STATE #1 - Original Hole, 5/31/2018 10:42:34 AM



### Casing Strings

Csg Des	OD (in)	Grade	Wt/Len (lb/ft)	Set Depth (ftKB)
Surface	13 3/8	H-40	48.00	485.19
Inter 1	8 5/8			4,810.54
Prod 1	5 1/2	L-80	17.00	13,240.03

### Cement

String	Description	Top Depth (ftKB)	Bottom Depth (ftKB)	Comment	Top Meas Meth
Surface	PRIMARY CEMENT	0.00	485.00		
Inter 1	PRIMARY CEMENT	0.00	4,810.51		
Prod 1	PRIMARY CEMENT	9,265.02	13,240.03		
Prod 1	SECONDARY CEMENT	0.00	8,996.02		

### Perforations

Date	Type	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Entered Shot Total
5/23/2003	PERFORAT...	12,949	12,954	3.0	15
6/30/2003	PERFORAT...	12,959	12,964	0.0	
10/1/2003	PERFORAT...	12,978	12,978	0.0	

### Stimulation Jobs

Start Date	Comment

### Plug Back Total Depths

Date	Type	Depth (ftKB)	Depth (TVD) (ftKB)
3/15/2003		0	
5/11/2003		13,154	
5/21/2003		13,100	
5/22/2003		13,050	

### Comments

Comment	
Comment	AGSP:-4078.51
Comment	AGSP:-4078.51
Comment	COMPLETION 05/09/2003 Equity Int = 100
Comment	ORIG DRILLING 03/15/2003 Equity Int = 100
Comment	WELL SERVICING 08/01/2005 Equity Int = 100
Comment	AGSP:-4078.51

### Tubing Strings

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing	8/7/2005	12,948.33	12,948.3

Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Unknown	1						24.00
Tubing Joint(s)	1			2 7/8	6.50	L-80	32.50
Tubing Pup Joint	1			2 7/8	6.50	L-80	10.10
Tubing Joint(s)	39			2 7/8		L-80	12,869.53
Profile Nipple	1			2 7/8		L-80	1.10
Tubing Pup Joint	1			2 7/8	6.50	L-80	10.10