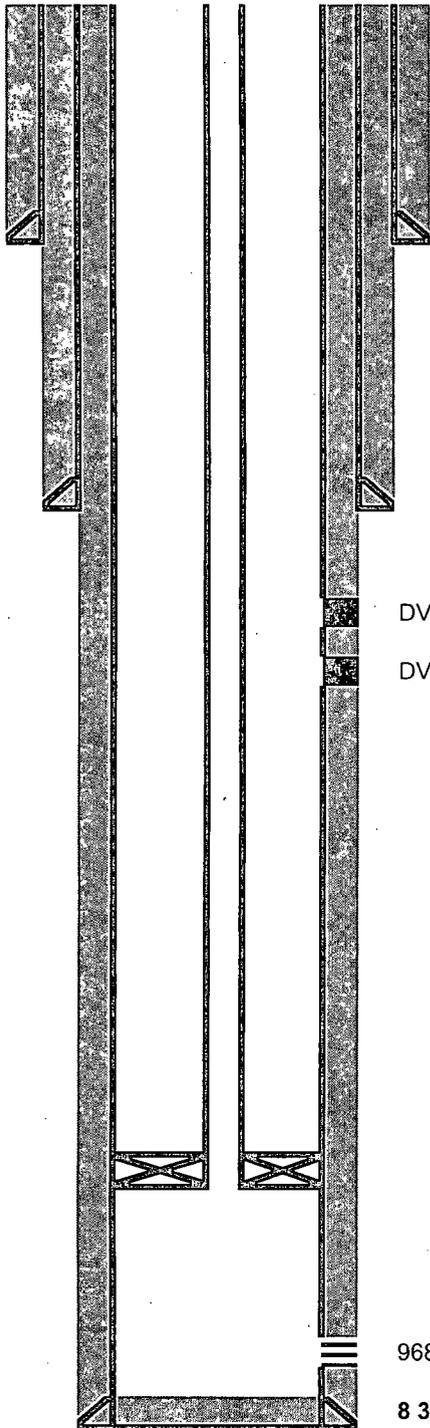




Author:	Stroup	Well No. #1
Well Name	<b>Tuna 28 Fed</b>	API #: 30-015-37645
Field	Milepost	Prop #:
County	Eddy	Zone: Morrow
State	New Mexico	
Date	4/15/2013	
GL	3680'	
KB	3697'	

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	279	360	Surface
Inter Csg	9 5/8	J55	36	1,220	550	Surface
Prod Csg	7	P110	23	9,962	1,475	Surface
Liner						

**Current Well Bore**



**17 1/2" hole**  
 13-3/8" (H40 - 48#) @ 279' w/360 sx  
 TOC @ surface

2-3/8" N80 Tbg - 339 jts

**12 1/4" hole**  
 9-5/8" (J55 - 36#) @ 1220' w/550 sx  
 TOC @ surface

DV Tool @ 3003' w/500 sx

Short Joint @ 6572'

DV Tool @ 6985' w/550 sx

298 jts 2 3/8" L80

7" 10K AS1-X Packer w/on/off tool @ 9566'  
 1.81 R Nipple @ 9585'

Morrow

9680-82, 9686-95, 9698-9700

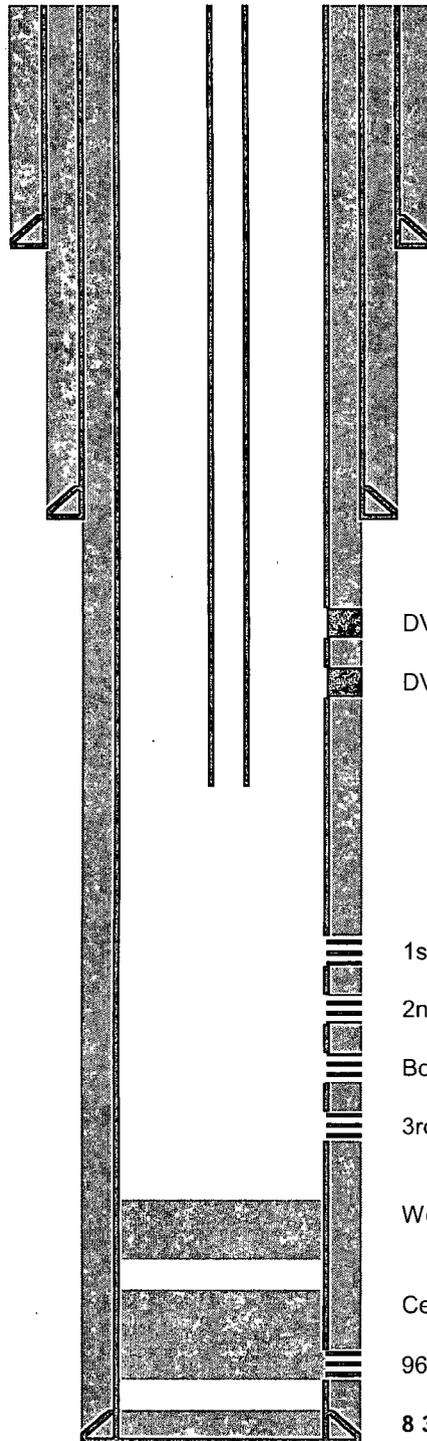
**8 3/4" hole**  
 7" (P110 - 23#) @ 9962' w/425 sx  
 TOC @ Surface

TD @ 10000'

Author:	Stroup	Well No. #1
Well Name	<b>Tuna 28 Fed</b>	API #: 30-015-37645
Field	Milepost	Prop #:
County	Eddy	Zone: Bone Spring
State	New Mexico	
Date	4/15/2013	
GL	3680'	
KB	3697'	

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	279	360	Surface
Inter Csg	9 5/8	J55	36	1,220	550	Surface
Prod Csg	7	P110	23	9,962	1,475	Surface
Liner						

**Proposed Well Bore**



**17 1/2" hole**  
 13-3/8" (H40 - 48#) @ 279' w/360 sx  
 TOC @ surface

2-3/8" N80 Tbg

**12 1/4" hole**  
 9-5/8" (J55 - 36#) @ 1220' w/550 sx  
 TOC @ surface

DV Tool @ 3003' w/500 sx

Short Joint @ 6572'

DV Tool @ 6985' w/550 sx

1st Bone Spring: 5449, 5502, 5556, 5614

2nd Bone Spring: 6003, 6057, 6130, 6206

Bone Spring Charkey Sand: 6664, 6716, 6775, 6865

3rd Bone Spring: 7306, 7352, 7411, 7505

Wolfcamp cement plug: 7600-7800

Cement plug 9300-9500  
 Morrow  
 9680-82, 9686-95, 9698-9700

**8 3/4" hole**  
 7" (P110 - 23#) @ 9962' w/425 sx  
 TOC @ Surface

TD @ 10000'