

NMCCD

### **Projected Recompletion Outline for SJ 30-5 Dakota wells.**

1. RU completion rig. Pull production tubing.
2. Set RBP above Dakota. Pressure test casing.
3. Perf. Lower Pt. Lookout.
4. Acid frac Lower Pt. Lookout
5. Set RBP. Perforate Menefee/Pt. Lookout
6. Acid balloff. Knock balls off. Slickwater proppant frac.
7. Set RBP. Perforate Lewis Shale.
8. Acid balloff. Knock balls off. Frac Lewis Shale.
9. Flowback 3-4 days.
10. Cleanout with workstring & retrieve RPBs except RBP above Dakota. Flow and cleanout with tubing.
11. Retrieve last RBP. Cleanout to PBTD. Flow and cleanout as necessary. Pull workstring.
12. Land production string with packer and sliding sleeve.
13. RD & MO.

# Phillips Petroleum Company

## Farmington Profit Center

Unit/Well No.: San Juan 30-5 #37 Location: 1630' FSL, 1670' FWL, S8, T30N, R5W  
Specified Depth Datum: KB @ 6332' Spud Date: 11/23/73  
Date Completion began: \_\_\_\_\_ Final Date of Completion: \_\_\_\_\_

13-3/4" hole

TOC @ surface

234'

### Tubulars Record

	Size (in)	Grade	Depth (ft)
Surface	9-5/8	32.3# H-40	234
Intermediate	7	23# J-55	3468
Production	4-1/2	10.5 & 11.6# J-55	7872
Tubing - 242 jts.	1-1/2	2.9# J-55 10R	7807
Pkrs, sleeves, etc.			

8-3/4 " hole

TOC @ 2200'

### Cementing Record

	Lead (sx/cf)	Tail (sx/cf)	Comments
Surface	225 cf		Topped off w/ 1"
Intermediate	208 cf		TOC @ 2200'
Production	634 cf		TOC @ 2400'

3468'

Nipple

Type: \_\_\_\_\_

Depth: 7776'

### Perforations

Depth (ft)	spf	Depth (ft)	spf
7696-7702		16 shots/interval	
7712-18		16 shots/interval	
7744-52		16 shots/interval	
7776-82		16 shots/interval	
7812-20		16 shots/interval	

6-1/4 " hole

TOC @ 2400'

PBTD @ 7863'

TD @ 7872'

7872'

### Stimulation Record

Job Specifications: Frac'd w/ 50,000# 40/60 sd & 61,234  
gals. treated water. Dropped 4 sets of 16 balls. Flushed w/  
5,000 gals. water. AR - 30 BPM, AP - 3700 psi, MP - 4000  
psi.

Well: San Juan 30-5 No. 37

Location: 1630' FSL, 1670' FWL, Sec. 8, T30N, R5W, Rio Arriba County, NM

Depth Datums: GL - 6321', KB - 6332', TD - 7872', PBTD - 7863'

Casing:

Surface 13-3/4" hole. 9-5/8" 32.3# H-40 set @ 234'.  
Cmt'd w/ 225 cu.ft., topped off w/ 1" from surface.

Intermediate 8-3/4" hole. 7" 23# J-55 set @ 3468'.  
Cmt'd w/ 208 cu.ft., TOC @ 2200' by temp. survey

Production 6-1/4" hole. 4-1/2" 10.5 & 11.6# J-55 set @ 7872', FC @ 7863'.  
(10.5 # from surf. to 6412', 11.6# from 6412-7872')  
Cmt'd w/ 634 cu.ft., TOC @ 2400' by temp. survey

Tubing: 242 jts. 1-1/2" 2.9# J-55 set @ 7807', SN @ 7776'

Completion:

Dakota

Perfs 7696-7702', 7712-18', 7744-52', 7776-82', 7812-20' (16 shots per interval)

Stimulation Frac'd w/ 50,000# 40/60 sd & 61,234 gals. treated water. Dropped 4 sets of 16 balls.  
Flushed w/ 5,000 gals. water. Avg. rate - 30 BPM, MP - 4,000 psi, AP - 3,700 psi.

Initial test 4,039 MCFD AOF, SITP - 2956 psi, SICP - 2967 psi

Formation Tops: Mesaverde - 5306', Pt. Lookout - 5512', Dakota - 7688'

Comments: Hole became wet while drilling @ 3794'. Had to squeeze 3 times, 100 sx beneath pkr @ 3390', 100 sx thru perfs @ 3450' & 3460', 150 sx thru perfs @ 3400' & 3417'.