

Raider 9 State #2
Plugback Procedure

1. MIRUPU. POOH w/ rods and pump. LD \pm 64 – 1¼" FG rods, 50 – 1" steel rods & 50 – 7/8" steel rods, hang the rest in the derrick. ND WH. NU 5M Double Hydraulic BOP w/ 2 7/8" pipe rams. Set flowback tank and 6 clean frac tanks. Unset TAC.
2. RU pump truck and pump 10 bbls of fresh water mixed with gel. POOH w/ tubing. LD \pm 146 jts of tubing on ground.
3. RU Wireline truck. Set a CIBP @ \pm 10,850' on wireline. Dump bail 35' of cement on top.
4. RU Pump truck. Load casing with approximately 248 bbls of fresh water mixed with gel and pressure test to 1000 psi.
5. Set 2nd CIBP @ \pm 8,630' on wireline. Dump bail 35' of cement on top.
6. Set 3rd CIBP @ \pm 6,870' on wireline. Dump bail 35' of cement on top.
7. Commence recompletion in the Paddock.

RKB 4217'
GL 4201'

Lease & Well No.: **Raider 9 St # 2**

Well Category:
Area: **New Mexico**
Subarea: **Buckeye**
Legal Description: **API #30-025-43874**
M, 990' FSL, 800' FWL, Sec 9, T-17-S, R-33-E
Lea County, NM

Spudded: **7/16/2017**
TD: **8/1/2017**
Completed: **9/1/2017**

Stimulation: 8/17/17 - 6,000 gals of 15% HCL + 150 BS

1635'

17½" hole
13 3/8" 54.5# J55
set @ 1635'
1260 sx cement

12¼" hole
8 5/8" 32# J-55
set @ 4630'
1625 sx cemt.
TOC = surface

4630'

5½" TOC = 3110' CBL

PRESSURE DATA

8/21/17 - 72 hr static = 2016 psi.

Rod Detail

- 1 - 1.25" x 3' FG sub
- 1 - 1.25" X 9' FG sub
- 156 - 1.25" FG rods
- 100 - 1" steel D rods
- 90 - 7/8" steel D rods
- 10 - 1 ½" sinker bars
- 1 - 7/8" x 4' sub w/ guides
- 1 - 26K shear tool
- 1 - 2 3/8" x 1 1/4" x 30' pump
- 1 - 1" x 20' gas anchor

Production Tbg

- 336- jts 2 7/8" 6.5# L80 tubing
- 1 - 5 1/2" x 2 7/8" TAC 50K shear**
- 2 - jts 2 7/8" 6.5# L80 tubing
- 1 - 2 7/8" x 2 3/8" Xover
- 1 - 2 3/8" SN @ 10,957'**
- 1 - 2 7/8" x 2 3/8" Xover
- 1 - 2 7/8" X 4' perf sub
- 1 - 2 7/8" 6.5# L80 mud anchor

CIBP @ 6,870" + 35' cmt (PROPOSED)

DV tool @ 6968'

Cmt'd 2nd Stage w/ 450 sks

CIBP @ 8,630' [Abo]+ 35' cmt (PROPOSED)

CIBP @ 10,850' + 35' cmt (PROPOSED)

Cisco Perfs

- (10,910'- 13') 2 spf
- (10,915'- 31') 2 spf
- (10,938'- 41') 2 spf
- (10,945'- 53') 2 spf
- (10,969'- 82') 2 spf
- (10,998'- 11,004') 2 spf

5 1/2" 17# P110 @ 11,100'
Cmt'd 1st Stage w/ 450 sks

PBTD: 11,062'
TD: 11,100'