

Chaparral Energy, L.L.C.

PROJECT PROCEDURE

Date: 06/30/2008

PROJECT:

Lease/Well: **CAT HEAD MESA UNIT FED. #4-23** (4972.0004) API No: 30-053-20039 AFE Number:

Location: Sec. 23-4S-9E, Socorro Co., NM.

Engineer:

District: Rockies

1980' FNL & 660' FWL

Company: CELLC

WI%: 100

NRI%:

WELL DATA:

Elevation: KB 5935'

TD: TD - 4300'

Surface Casing: 9 5/8", 36# J-55 @ 3457'
Cmtd w/454 sx Cmt

Production Casing: 7", 23# K-55 @ 3355'
Cmtd w/736 sx Cmt

DV Tool: 2929'

TOC 1095'

Tubing:
CIBP: 3340', 3150', 2690', 2020' w/20' cmt plug on top

Perfs: ABO 2722-3166'
Tubbs 2050-2151'

PROCEDURE:

1. Notify all regulatory agencies prior to MI with intent to PA Well.
2. MIRU
3. Pressure test casing to 500#.
4. PU workstring RIH tag plug @ 2000'.
5. Displace with 9.5 mud.
6. Spot 30 sx leaving plug @1350' to 1240' (Shoe plug)
7. WOC & TAG
8. Displace with 9.5 mud
9. Spot 10 sx surface plug
10. Weld on dry hole marker and clean and level location.
11. Report PA Status to OKC and New Mexico Commission and BLM.

KB: 5935

DE: 5933

GL: 5923

Chaparral Energy, L.L.C.

Well: Cathead Mesa Unit #4,4 ,4972.00
 Operator: CELLCO
 Location: 1980' FNL & 660' FWL
 Legal: Sec. 23-4S-9E, Socorro Co., NM

Dir:

Currently

Spud Date: 10/29/07

Drilling Finished: 11/23/07

Completion Date:

First Production:

PUMPING DATA:

PU:

PM:

BHP:

Anchor:

PRODUCTION FACILITY:**HISTORY:**

Size: 12 1/4"

TOC@ 1095'

9 5/8" ,36 #,J55 @1295' ,454 sx

CP: 2020- 2000
 CIBP@2020'

2050 -2151 Tubbs

Size: 8 3/4"

CIBP@2690

2722 -2726 ABO 4

2850 -2856 ABO 4
 DV tool @ 2929' ABO 4
 2961 -2962 ABO 4

CIBP@3150'

3070 -3076 ABO 4

CIBP@3340'

3116 -3117 ABO 4

3162 -3166 ABO 4

7" ,23 #,K55 @3355' ,736 sx

Size: 6.25"

TD: 4300

Input by: Terry C

Approved by:

Last Update: 06/30/2008

KB: 5936

DP: 5923

GL: 5933

Chaparral Energy, L.L.C.

Well: Cathead Mesa Unit H4,4 PA , PA4972.

Operator:

Location: 1980' FNL & 660 FWL

Legal: SEC 23-45-3E

Proposed

Dir:

Spud Date: 10/29/07

Drilling Finished: 11/23/07

Completion Date:

First Production:

PUMPING DATA:

PU:

PM:

BHP:

Anchor:

PRODUCTION FACILITY:**HISTORY:**

10 SX SURFACE PLUG 10' TO SURFACE

Size:12-1/4

TOC@ 1095'

CP: 1350- 1240

9-5/8 ,36 #,J-55 @1295 ,454 SX

100 SX SHOE PLUG 50' IN 50' OUT

CP: 2020- 2000

CIBP@2020

2050 -2151 TUBBS

Size:8-3/4

CIBP@2690

2722 -2726 ABO

DV TOOL @2929'

2850 -2962 ABO

CIBP@3150

3070 -3076 ABO

3116 -3166 ABO

CIBP@3340

7 ,23 #,K-55 @3355 ,736 SX

Size:6.25

TD: 4300

Input by: TERRY C

Approved by:

Last Update: 6/30/2008