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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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State of New Mexico

Form C-102

RECEIVED
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
JAN 30 2013 1220 South St. Francis Dr.
Santa Fe, NM 87505
NMOCD ARTESIA

Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number 30-015-39844 | ² Pool Code 24660 | ³ Pool Name Wildcat-Bone Spring |
| ⁴ Property Code 39026 | ⁵ Property Name Forehand Ranch 27 State Com | |
| ⁷ OGRID No. 249099 | ⁸ Operator Name Caza Operating, LLC | ⁶ Well Number 1H |
| | | ⁹ Elevation 3158'GL, 3179' RKB |

| ¹⁰ Surface Location | | | | | | | | | |
|--------------------------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| B | 27 | 23-S | 27-E | | 252 | North | 1900 | East | Eddy |

| ¹¹ Bottom Hole Location If Different From Surface | | | | | | | | | |
|--|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| O | 27 | 23-S | 27-E | | 5048.8' | North | 1971.1 | East | Eddy |

| | | | |
|--------------------------------------|------------------------------------|---------------------------------------|---|
| ¹² Dedicated Acres 160 | ¹³ Joint or Infill N | ¹⁴ Consolidation Code C | ¹⁵ Order No. CA NM 128667 Pending |
|--------------------------------------|------------------------------------|---------------------------------------|---|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

| | |
|--|--|
| | <p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> |
| | <p>Signature: <i>Richard L. Wright</i> Date: 12-27-12 Printed Name: Richard L. Wright E-mail Address: rwright@cazapetro.com</p> |
| | <p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> |
| | <p>Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____</p> |

Forehand Ranch 27 State Com # 1H

Location: Section 27_T23S_R27E_Eddy County, New Mexico



Surf Location 252' FNL & 1900 FEL_API # 30-015-39844

BHL 5048.8' FNL & 1971.1' FEL, sec 27,T23S,R27E

Depth
(TVD-ft)

Wellbore Sketch

750

1500

2250

3000

3750

4500

5250

6000

6750

7500

8250

9000

20" Cond @ ± 100'

13.375" 54.5# J-55 ST&C
@ 450 ft

13.375" csg cmt'd w/ 250 sks 13.5ppg
"C" + 200 sks "C" w/ 2% cacl2. Circ 126
sks.

9.625" 36 # J-55 LT&C @
2077 ft

9-5/8" csg cmt'd w/ 512 sks "C" Lite +
200 sks "C" w/ 2% CaCl2- Circ 283 sks
Excess.

4-1/2" 11.6# P-110 LTC Tie Back
Cmt'd w/ 235 sks "C" 1.33 yield 14.8
ppg. TOC Calc 3500'

Stage tool in 7.0" csg @
4001ft

7.0" csg cmt'd 1st stge w/ 875 sks "H" 15.6 ppg.
Circ 325 sks excess. Cmt'd 2nd stage w/ 650 sks
"C" 14.1 ppg. Tailed w/ 100 sks "C" 14.8 ppg.
TOC 500' FS. TS

Perfs 11,798-11,624; 11,495-268; 10,803-587; 10,435-242;
10,105-9,899; 9,746-515; 9,363-182; 9,035-8,836; 8,673-490;
8,359-130; & 7,988-750; (648 hole) .4 EHD 12 stg Frac. 12,000
lbs 100 mesh, 540,000 lbs white & 1,507,500 lbs PPC.

7" 26 lb P-110 LTC
set @ 7596' 80°

4-1/2" 11.6# P-110 LTC Lnr 6537' - 11,925'. KOP
6738'. Lateral TVD 7363-7408'. EOL 11,925.
EOC 7745' MD.

4-1/2" Liner cmt'd w/ 280 sks "H" solucem 15.0
ppg. Circ 30 sks excess.

Curve Drilled w/ 8.75" bit. Set 7" casing @ 7596 ft 80°
Lateral Drilled w/ 6.125" bit.

8.75" Open Hole drilled to 9,450 ft
MD. KOP ± 6738'. Curve Drilled
with 8.75" bit. Set 7 inch. Lateral @
7363ft. drilled with 6.125 bit

