

Submit 1 Copy to Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-36871
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Red Raider State
8. Well Number: 1
9. OGRID Number 229137
10. Pool name or Wildcat Featherstone; Bone Spring, East

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other	HOBBS OCD
2. Name of Operator COG Operating LLC	OCT 22 2014
3. Address of Operator One Concho Center, 600 W. Illinois Ave, Midland, TX 79701	RECEIVED
4. Well Location Unit Letter <u>K</u> : <u>1650</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>19</u> Township <u>20S</u> Range <u>36E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3643' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: <u>Test Upper Bone Spring</u> ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC respectfully request to abandon the 3rd Bone Spring and test the Upper Bone Spring

Please see attached recompletion procedure with before and after wellbore schematics

All operations will be conducted using a closed loop system

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brian Maiorino TITLE Regulatory Analyst DATE 10/16/14

Type or print name Brian Maiorino E-mail address: bmaiorino@concho.com PHONE: 432-221-0467

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 10/22/14
Conditions of Approval (if any):

OCT 22 2014

Red Raider State 1
1650' fsl, 1980' fwl
K-19-20S-36E
Lea Co., NM
30-025-36871
Bone Spring Recompletion Summary
10 Sep 14

HOBBS OCD

OCT 22 2014

RECEIVED

Basic Data:

13-3/8" @ 524' Circ. Cmt.

9-5/8" @ 5300' Circ. Cmt.

5-1/2" @ 11911', DV @ 9468', Circ. Cmt. Stg. 1, TOC Stg. 2 @ 1700' CBL

5.5"/17ppf/N80/LTC Burst=7740 psi, 6192 psi at 80% Nom. ID=4.892" Drift ID=4.767"

2.875"/6.5ppf/L80/EUE Burst=10570 psi, 8456 psi at 80% Nom ID=2.441" Drift ID=2.347"

Collapse=11160 psi, 8928 at 80%

Tensile=144,960 lb with no safety factor

Objective: Test Upper Bone Spring.

Procedure:

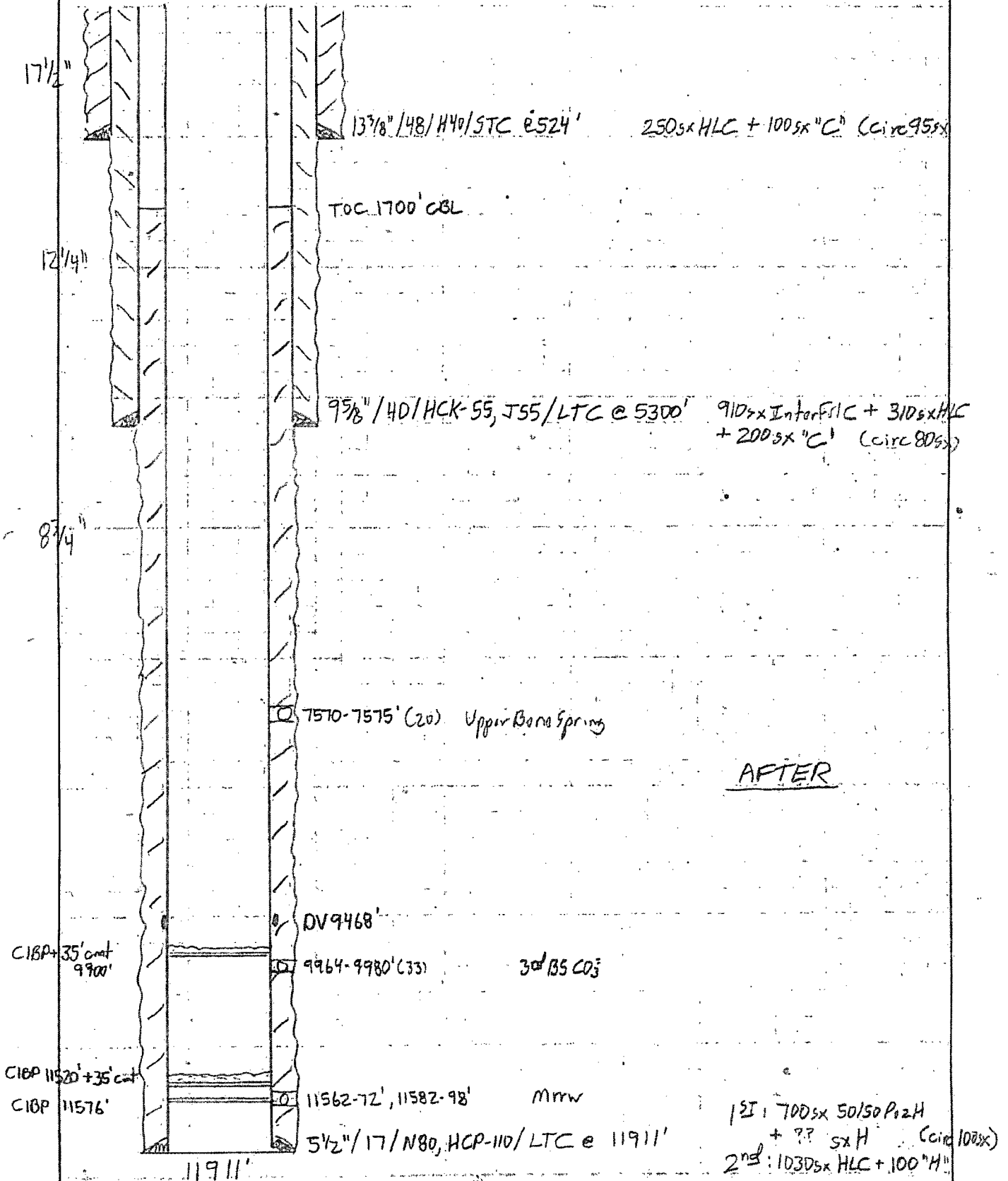
1. Set CIBP at approx. 9900' and dump bail 35' cement on top. Test casing and plug to 5000 psi.
2. Perf the Upper Bone Spring from 7570-7575' with 20 shots.
3. Acidize with 1000 gals. NE Fe 7.5% HCl and swab/flow test to evaluate oil/gas show.
4. If decision made to frac, frac with approx. 100,000 lbs sand down casing.

30-025-36871

Red Raider State I
1650' FSL, 1980' FWL
K-19-205-36e
Lea, NM

Zero: 22' AGL

HB: 3665'
GL: 3643'



30-025-36871

Red Raider State 1
1650' FSL, 1980' FWL
K-19-205-36e
Lea, NM

Zero: 22' AGL

HB: 3665'

GL: 3643'

17 1/2"

13 3/8" / 48 / H40 / STC @ 524'

250sx HLC + 100sx "C" (circ 95sx)

TOC 1700' CBL

12 1/4"

9 5/8" / 40 / HCK-55, J55 / LTC @ 5300'

910sx InterFSLC + 310sx HLC
+ 200sx "C" (circ 80sx)

8 3/4"

BEFORE

DV 9468'

9964-9980' (33)

30' BS CO3

C100 11520' + 35' cut

C10P 11576'

11562-72', 11582-98'

MWW

5 1/2" / 17 / N80, HCP-110 / LTC @ 11911'

11911'

1st: 700sx 50/50 P12H
+ ?? sx H (circ 100sx)
2nd: 1030sx HLC + 100 "H"

TOPS