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

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

Form C-103
Revised August 1, 2011

WELL API NO.
30-025-21036

5. Indicate Type of Lease
STATE X FEE

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
RED HILLS UNIT

1. Type of Well: Oil Well Gas Well X Other

8. Well Number
001

2. Name of Operator
CIMAREX ENERGY CO. OF COLORADO

9. OGRID Number
162683

3. Address of Operator
6001 DEAUVILLE BLVD., SUITE 300N, MIDLAND, TEXAS 79706

10. Pool name or Wildcat
RED HILLS; WOLFCAMP-PENN

4. Well Location
Unit Letter O : 330 feet from the SOUTH line and 2310 feet from the EAST line
Section 32 Township 25S Range 33E NMPM LEA County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3,382' – 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	X	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	☐						
OTHER:	☐			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.

1) SET 6-5/8" CIBP @ 14,550'; DUMP BAIL 35' CLASS "H" CMT. @ 14,550'-14,515'.
2) SET 6-5/8" CIBP @ 13,440'; DUMP BAIL 35' CLASS "H" CMT. @ 13,440'-13,405'; CIRC. WELL W/ M.L.F.
3) PUMP (45) SXS. CLASS "H" CMT. @ 13,038'-12,838' (10-3/4" CSG.SHOE); WOC X TAG TOC.
4) PUMP (45) SXS. CLASS "H" CMT. @ 12,302'-12,102' (6-5/8" LNR.TOP); WOC X TAG TOC.
5) PUMP (55) SXS. CLASS "H" CMT. @ 11,743'-11543' (T/WLCP.)
6) CUT X PULL 7-5/8" CSG. @ +/-9,000'; PUMP (80) SXS. CMT. @ 9,095'-8,905' (T/BNSG.,7-5/8" CUT); WOC & TAG.
7) PUMP (80) SXS. CLASS "C" CMT. @ 6,235'-6,075' (13-3/8" CSG.SHOE); WOC X TAG TOC.
8) PUMP (75) SXS. CLASS "C" CMT. @ 5,440'-5,290' (13-3/8" DV TOOL); WOC X TAG TOC.
9) PUMP (70) SXS. CLASS "C" CMT. @ 4,962'-4,822' (T/DLWR.)
10) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 1,200'-1,100' (T/SALT); WOC X TAG TOC.
11) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 924'-824' (20" CSG.SHOE); WOC X TAG TOC.
12) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (40) SXS. CLASS "C" CMT. @ 63'-3'

DIG OUT X CUT OFF WELLHEAD 3'B.G.L.; WELD ON STEEL PLATE TO CSGS.X INSTALL DRY HOLE MARKER; DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQURED DISPOSAL, PER OCD RULE 19.15.15.

APPROVED WITH CONDITIONS

Adhere to NMOCD COAs attached.

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

SIGNATURE [signature] TITLE: AGENT DATE: 07/27/2023

Type or print name: DAVID A. EYLER E-mail address: DEYLER@MILAGRO-RES.COM PHONE: 432.687.3033

For State Use Only

APPROVED BY: John Harrison TITLE Petroleum Specialist DATE 7/31/23

Conditions of Approval (if any):

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
8. Produced water **will not** be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. **Class 'C' cement will be used above 7500 feet.**
12. **Class 'H' cement will be used below 7500 feet.**
13. **A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged**
14. **All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.**

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, **(WOC 4 hrs and tag).**
19. No more than **3000' is allowed between cement plugs in cased hole and 2000' in open hole.**
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
    A) Fusselman
    B) Devonian
    C) Morrow
    D) Wolfcamp
    E) Bone Springs
    F) Delaware
    G) Any salt sections
    H) Abo
    I) Glorieta
    J) Yates.
    K) Cherry Canyon - Eddy County
    L) **Potash---**(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**
21. **If cement does not exist behind casing strings at recommended formation depths,** the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

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
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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-21036	
5. Indicate Type of Lease STATE X FEE	
6. State Oil & Gas Lease No.	
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 X Other	7. Lease Name or Unit Agreement Name RED HILLS UNIT 8. Well Number 001
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO	9. OGRID Number 162683
3. Address of Operator 6001 DEAUVILLE BLVD., SUITE 300N, MIDLAND, TEXAS 79706	10. Pool name or Wildcat RED HILLS; WOLFCAMP-PENN
4. Well Location Unit Letter O : 330 feet from the SOUTH line and 2310 feet from the EAST line Section 32 Township 25S Range 33E NMPM LEA County	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3,382' – 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	X	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	☐						
OTHER:	☐			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.

1) SET 6-5/8" CIBP @ 14,550'; DUMP BAIL 35' CLASS "H" CMT. @ 14,550'-14,515'.
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3) PUMP (45) SXS. CLASS "H" CMT. @ 13,038'-12,838' (10-3/4" CSG.SHOE); WOC X TAG TOC.
4) PUMP (45) SXS. CLASS "H" CMT. @ 12,302'-12,102' (6-5/8" LNR.TOP); WOC X TAG TOC.
5) PUMP (55) SXS. CLASS "H" CMT. @ 11,743'-11543' (T/WLCP.)
6) CUT X PULL 7-5/8" CSG. @ +/-9,000'; PUMP (80) SXS. CMT. @ 9,095'-8,905' (T/BNSG.,7-5/8" CUT); WOC & TAG.
7) PUMP (80) SXS. CLASS "C" CMT. @ 6,235'-6,075' (13-3/8" CSG.SHOE); WOC X TAG TOC.
8) PUMP (75) SXS. CLASS "C" CMT. @ 5,440'-5,290' (13-3/8" DV TOOL); WOC X TAG TOC.
9) PUMP (70) SXS. CLASS "C" CMT. @ 4,962'-4,822' (T/DLWR.)
10) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 1,200'-1,100' (T/SALT); WOC X TAG TOC.
11) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 924'-824' (20" CSG.SHOE); WOC X TAG TOC.
12) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (40) SXS. CLASS "C" CMT. @ 63'-3'

DIG OUT X CUT OFF WELLHEAD 3'B.G.L.; WELD ON STEEL PLATE TO CSGS.X INSTALL DRY HOLE MARKER; DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQURED DISPOSAL, PER OCD RULE 19.15.15.

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

SIGNATURE _____ TITLE: AGENT DATE: 07/27/2023

Type or print name: DAVID A. EYLER E-mail address: DEYLER@MILAGRO-RES.COM PHONE: 432.687.3033

For State Use Only

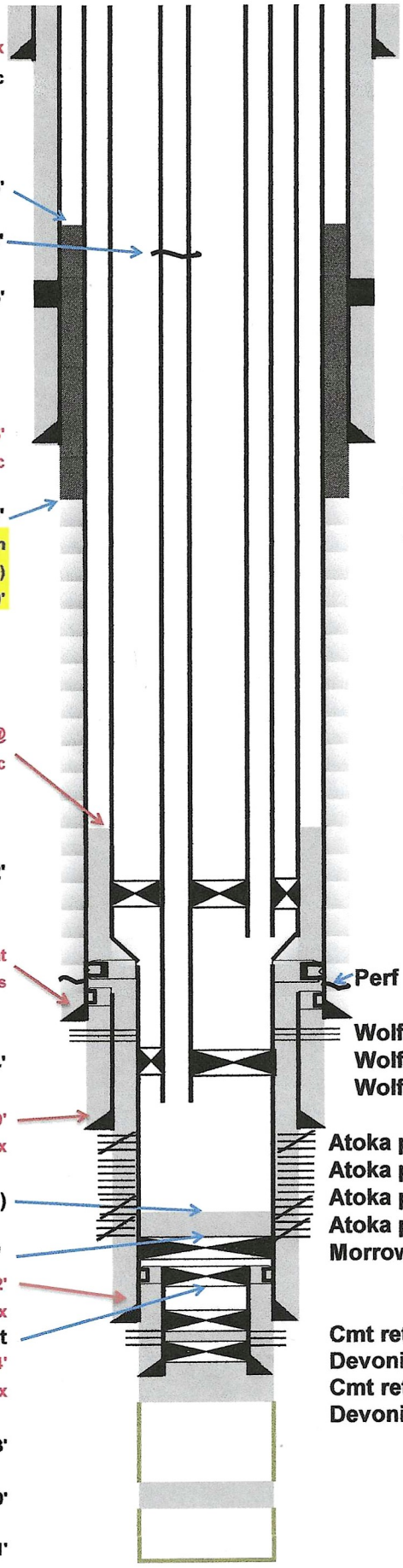
APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

CIMAREX

Cimarex Energy Co. of Colorado
Red Hills Unit No. 1
330' FSL & 2310' FEL
Sec. 32, T-25-S, R-33-E, Lea Co., NM
API No. 30-025-21036

CURRENT



20" 94# H-40 csg@ 804' cmt w/ 2550 sx circ

Secondary cmt top for 10 3/4" @ 4675'

2 7/8" tubing parted @ 5085'

DV Tool for 13 3/8" @ 5365'

13 3/8" 61 68 73# J-55 N-80 csg @ 6155' cmt w/ 6120 sx circ

Primary cmt top for 10 3/4" @ 6640'

Primary cmt job channeled from 6640' to 12938' (bottom)
"lost circulation zone" 7745' - 8010'

7 5/8" 33.7, 39# P-110 tie-back csg @ 12202' cmt w/ 225 sx TOC 10654' calc

Brown Oil Tool Dual pkr @ 12052'

10 3/4" 60.7# P-110 csg @ 12938' cmt w/ 1235 sx primary, 360 sx bullhead annulus

Baker Model D pkr @ 13734'

8 5/8" 49# P-110 liner 12421' - 14299' cmt w/ 600 sx primary sqz 1950 sx

PBTD @ 14869' (4' fish)

CIBP @ 15660'

6 5/8" 28# P-110 liner 12202' - 16952' cmt w/ 1100 sx

CIBP @ 16800' w/ 2 sx cmt

4 1/2" 14.98# P-110 liner 16700' - 18094' cmt w/ 166 sx

65 sx plug 18295' 18523'

80 sx plug 19500' - 20200'

Open Hole TD @ 21321'

See attached for tubing strings detail
both are 2 7/8" CS Hydril above packers
with additional string below packers

All drilled out

Quantity sx	Squeezes
2300	12938 - 14265 OH
200	14436 - 14437
200	14570 - 14571
200	14806 - 14807
400	14970 - 14971
600	15190 - 15191

Perf 12717' sqz w/ 1175 sx on 8 tries

Wolfcamp perfs 13440' - 13512' sqz w/ 400 sx
Wolfcamp perfs 13440' - 13667'
Wolfcamp perfs 13622' - 13667' sqz w/ 400 sx

Atoka perfs 14350' - 494' sqz 200 sx
Atoka perfs 14607' - 788'
Atoka perfs 14840' - 864'
Atoka perfs 15034' - 138' sqz 200 sx inc perf set below
Morrow perfs 15442' - 530'

Cmt retainer @ 17382'
Devonian perfs 17476' - 544' sqz w/ 150 sx
Cmt retainer @ 17590'
Devonian perfs 17637' - 684' sqz w/ 50 sx

Printed 4/10/2023

CIMAREX

Cimarex Energy Co. of Colorado
Red Hills Unit No. 1
330' FSL & 2310' FEL
Sec. 32, T-25-S, R-33-E, Lea Co., NM
API No. 30-025-21036

PROPOSED

20" 94# H-40 csg@ 804' cmt w/ 2550 sx circ

T/ANHY. – 874'

T/SALT ~ 1,150'

T/DLWR. – 4,892'

Secondary cmt top for 10 3/4" @ 4675'

T/BNSG. – 9,020'

T/WLCP. ~ 11,643'

DV Tool for 13 3/8" @ 5365'

T/ATOKA ~ 14,530'

13 3/8" 61 68 73# J-55 N-80 csg @ 6155'
cmt w/ 6120 sx circ

Primary cmt top for 10 3/4" @ 6640'

Primary cmt job channeled from
6640' to 12938' (bottom)
"lost circulation zone" 7745' - 8010'

7 5/8" 33.7, 39# P-110 tie-back csg @
12202' cmt w/ 225 sx TOC 10654' calc

10 3/4" 60.7# P-110 csg @ 12938' cmt
w/ 1235 sx primary, 360 sx bullhead annulus

8 5/8" 49# P-110 liner 12421' - 14299'
cmt w/ 600 sx primary sqz 1950 sx

PBTD @ 14869' (4' fish)

CIBP @ 15660'

6 5/8" 28# P-110 liner 12202' - 16952'
cmt w/ 1100 sx

CIBP @ 16800' w/ 2 sx cmt

4 1/2" 14.98# P-110 liner 16700' - 18094'
cmt w/ 166 sx

65 sx plug 18295' 18523'

80 sx plug 19500' - 20200'

Open Hole TD @ 21321'

m.l.f.

m.l.f.

m.l.f.

m.l.f.

m.l.f.

m.l.f.

PERF. x CIRC. (40) sxs @ 68'-3'

PERF. x SQZ. (70) sxs. @ 924'-824' - TAG

PERF. x SQZ. (70) sxs @ 1,200'-1,100' - TAG

Pump (70) sxs. @ 4,962'-4,822'

Pump (75) sxs. @ 5,440'-5,290' - TAG

Pump (80) sxs @ 6,235'-6,075' - TAG

Pump (80) sxs. @ 9,095'-8,905'

CUT x PULL 7-5/8" CSG. @ +/- 9,000'

Pump (55) sxs @ 11,743'-11,543' - TAG

Pump (45) sxs. @ 12,302'-12,102' - TAG

Pump (45) sxs. @ 13,038'-12,838' - TAG

Perf 12717' sqz w/ 1175 sx on 8 tries

CIBP @ 13,440' w/ 35' cmt.

Wolfcamp perfs 13440' - 13512' sqz w/ 400 sx
Wolfcamp perfs 13440' - 13667'
Wolfcamp perfs 13622' - 13667' sqz w/ 400 sx

CIBP @ 14,550' w/ 35' cmt.

Atoka perfs 14350' - 494' sqz 200 sx
Atoka perfs 14607' - 788'
Atoka perfs 14840' - 864'
Atoka perfs 15034' - 138' sqz 200 sx inc perf set below
Morrow perfs 15442' - 530'

Cmt retainer @ 17382'
Devonian perfs 17476' - 544' sqz w/ 150 sx
Cmt retainer @ 17590'
Devonian perfs 17637' - 684' sqz w/ 50 sx

DME 05/03/2023

Printed 4/10/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 245321

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683
	Action Number: 245321
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Approved w/ conditions. Adhere to NMOCD COAs attached.	7/31/2023