

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **STATE**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **CIMAREX ENERGY COMPANY OF COLORADO**

3a. Address **6001 DEAUVILLE BLVD STE 300N, MIDLAND,** 3b. Phone No. (include area code) **(432) 620-1936**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 32/T25S/R33E/NMP

7. If Unit of CA/Agreement, Name and/or No.
RED HILLS UNIT - WOLFCAMP/NMNM71019B

8. Well Name and No. **RED HILLS UNIT/1**

9. API Well No. **3002521036**

10. Field and Pool or Exploratory Area
RED HILLS-BONE SPRING, NORTH/RED HILLS-BON

11. Country or Parish, State
LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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'. 3) CIRC. WELL W/ M.L.F.. 4) PUMP(45) SXS. CLASS "H" CMT. @ 13,038'-12,838' (10-3/4" CSG.SHOE); WOC X TAG TOC. 5) PUMP (45) SXS. CLASS "H" CMT. @ 12,302'-12,102' (6-5/8" LNR.TOP); WOC X TAG TOC. 6) PUMP (55) SXS. CLASS "H" CMT. @ 11,743'-11,543' (T/WLCP.); WOC X TAG TOC. 7) CUT X PULL 7-5/8" CSG. @ +/-9,000'. 8) PUMP (80) SXS. CLASS "H" CMT. @ 9,095'-8,905' (T/BNSG., 7-5/8" CSG.CUT); WOC X TAG TOC. 9) PUMP (80) SXS. CLASS "C" CMT. @ 6,235'-6,075' (13-3/8" CSG.SHOE); WOC X TAG TOC. 10) PUMP (75) SXS. CLASS "C" CMT. @ 5,440'-5,290' (13-3/8" DV TOOL); WOC X TAG TOC. 11) PUMP (70) SXS. CLASS "C" CMT. @ 4,962'-4,822' (T/DLWR.). 12) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 1,200'-1,100' (T/SALT); WOC X TAG TOC. 13) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 924'-824' (20" CSG.SHOE); WOC X TAG TOC. 14) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (40) SXS. CLASS "C" CMT. @ 63'-3'. 15) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.
DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
DAVID EYLER / Ph: (432) 687-3033

Signature 

Title **Agent**

Date **05/03/2023**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
LONG VO / Ph: (575) 234-5972 / Approved

Title **Petroleum Engineer** Date **07/31/2023**

Office **CARLSBAD**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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Signature 

Agent Title
Agent

Date
05/03/2023

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Approved by
LONG VO / Ph: (575) 234-5972 / Approved

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Petroleum Engineer
Title
Office CARLSBAD

Date
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(Instructions on page 2)



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



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

T/ANNY. - 874' circ

T/SALT - 1,150'

T/DLWP. - 4,892'

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

T/BNS.G. - 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
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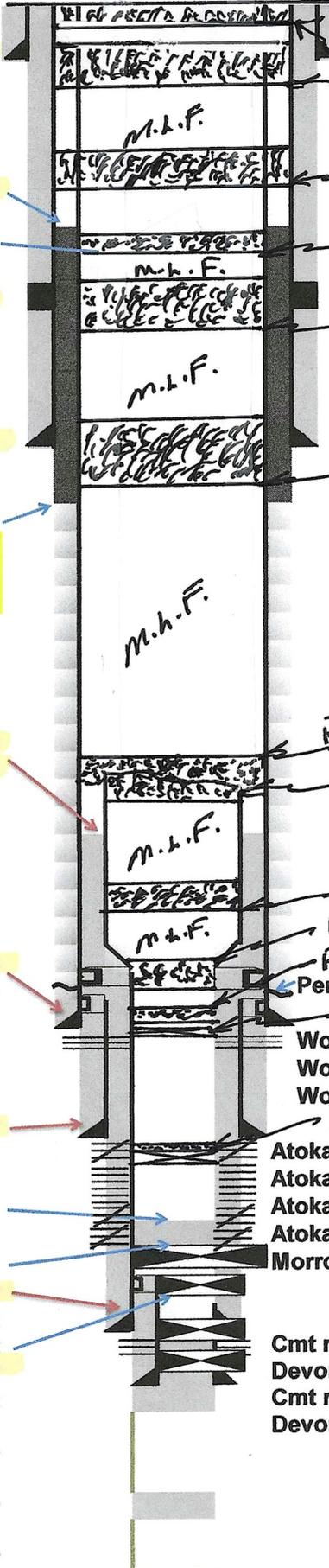
CIBP @ 16800' w/ 2 sx cmt

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'



DAE 05/03/2023

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: RED HILLS UNIT	Well Location: T25S / R33E / SEC 32 / SWSE /	County or Parish/State: LEA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: STATE	Unit or CA Name: RED HILLS UNIT - WOLFCAMP	Unit or CA Number: NMNM71019B
US Well Number: 300252103600S1	Well Status: Producing Gas Well	Operator: CIMAREX ENERGY COMPANY OF COLORADO

Digitally signed by
LONG VO
Date: 2023.07.30
11:46:13 -05'00'

Notice of Intent

Sundry ID: 2729056

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/03/2023

Date proposed operation will begin: 07/15/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 03:49

Procedure Description:

- 1) Latch onto the parted Atoka tubing at 5085' and pump cement down to the perforations below. (14869' to 13734' and tubing from 13734' to 12052') WOC and pressure test to 500 psi for 30 minutes. Cut and pull tubing at 12052'. 280 sxs Class H.
- 2) Pump cement down the Wolfcamp tubing to the perforations below. (13734' to 12052'). WOC and Pressure test to 500 psi for 30 minutes. Cut and pull tubing at 12052'. 369 sxs Class H.
- 3) CIRC. WELL W/ M.L.F..
- 4) Set CIBP at 12002'. Leak Test CIBP. Spot cement from 12002' to 11476'. WOC and Tag. (153 sxs Class H)
- 5) Perforate and squeeze (80) SXS. CLASS "H" CMT. @ 9070' to 8879' (T/BNSG.); WOC X TAG TOC. (In 56 sxs/Out 19 sxs)
- 6) Perforate and squeeze (440) SXS. CLASS "C" CMT. @ 6205' to 4793' (Shoe, DV Tool, Base of Salt, Delaware); WOC X TAG TOC. (329 sxs In/Out 111 sxs)
- 7) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (833) SXS. CLASS "C" CMT. @ 1794' to surface. (In 418 sxs/Out 414 sxs/Out 274 sxs). Perforate through to the 10.75" casing.
- 15) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER. DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Approval Subject to
General Requirements and
Special Stipulations
Attached

NOI Attachments

Procedure Description

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

COMMENTS

Action 283802

COMMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683
	Action Number: 283802
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	11/9/2023

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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Created By	Condition	Condition Date
kfortner	Like approval from BLM	11/8/2023