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600 NMARENELD STE 600       Ph: 432-687-3033       UNKNOVN         MIDLAND, TX 78701       WHTE CITY-WOLFCAMP         Sec 1 T2SS R26E NWSW 1780FSL 735FWL       11. County of Parsh, State         EDDY COUNTY, NM       EDDY COUNTY, NM         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         © Notice of Intent       Acidize       Deopen         I Subsequent Report       Change Plans       Plag ad Abandon         Final Abandonment Note:       Change Plans       Plag ad Abandon       Temporarily Abandon         B Oetche Proposed or Completed Operation: (There was all pertinent details, including estimated starting date of any proposed with ad sproximate duration thereof.       Plag ad Abandon       Temporarily Abandon         B Decribe Proposed or Completed Operation: (There years all pertinent meals is a multiple completion or recompletion in a new interval, a Form 31644 mult be filed once the add two once wheth the work of the pertinent meals is a multiple completion or recompletion in a new interval, a Form 31644 mult be filed once the add two once wheth the work of the pertinent meals is a multiple completion or recompletion in a new interval, a Form 31644 mult be filed once wheth the work of the adjoint of the sile in regimeration thereof.         10 PUMP 25 SXS CMT @ 11, 050-10, 8507(TARRW), Work 72, 5, 558 from: A for filed inspection.       10.000-10, WOCX TAG CMT, PLUG.         21 SICK CWELLW MUK L = PUMP 25 SXS CMT @ 10, 300-10, BOC0(TYS	2. Name of Operato CIMAREX EN		Contact: NY OF C <b>Đ</b> -Mail: DEYLER(	DAVID A EY @MILAGRO-RE	LER S.COM			)0-S1
Sec 1 T25S R26E NWSW 1780FSL 735FWL       EDDY COUNTY, NM         12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Subsequent Report       Acidize       Deepen       Production (Start/Resume)       Water Shut-Off         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Final Abandonment Notice       Convert to Injection       Plug mad Abandon       Temporarily Andon       Other         5. Describe Proposed or Completed Operation: Clearly state all pertitement dealts, including estimated starting date of any proposad work and approximate duration thereof.       Other       Other         6. Describe Proposed or Completed Toperation: Clearly state all pertitement dealts, including estimated starting date of any proposad work and approximate duration thereof.       Plug Back       Water Disposal         3. Describe Proposed or Completed Toperation: Clearly state all pertitement dealts, including resumation, have been completed and the operator has determined that the stic is early for final supervision.       If the opposal 1106-000 (1000/TISTWN), Add C1:200/Cm, 255 ST from 3106-000 (200/TISTWN), Add C1:200/Cm, 255 ST from 3106-00			3b. Phone No. (include area code) Ph: 432-687-3033			UNKNOWN		
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Subsequent Report       Acidize       Deepen       Production (Start/Resume)       Water Shut-Off         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Final Abandonment Notice       Casing Repair       New Construction       Recomplete       Other         10. Decrement of the molecular of the operation: Clearly state all perturbent deals, including estimated starting date of any proposed work and approximate duration thereof.       The proposal is to deepen directionally or ecompleted incompleted Operation: Clearly state all perturbent deals, including estimated starting date of any proposed molecular date work will be performed ar provide the fload Nucle State and performed and performed and approximate duration thereof.         10. Decrement of the molecular operation: The fload only and performed and the operation results in a nucleing couplies on recompleted and approximate duration thereof.         11. PUMP 25 SX CMT @ 10.500-TUMRRW.). Absc Tar. for assert. Straws Mark and straws of distribution of the molecular operation: The fload one date operation results in the operation results and the operatio	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					<u></u>	11. County or Parish, State	
TYPE OF SUBMISSION       TYPE OF ACTION         Image: Subsequent Report       Acidize       Deepen       Production (Start/Resume)       Water Shut-Off         Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Image: Subsequent Report       Casing Repair       New Construction       Recomplete       Other         Image: Subsequent Report       Casing Repair       Plug and Abandon       Temporality Abandon       Other         Image: Subsequent Report       Convert to Injection       Plug Back       Water Disposal       Other         Subsequent Report       Convert to Injection       Plug Back       Water Disposal       Starting Start	Sec 1 T25S F	R26E NWSW 178	80FSL 735FWL				EDDY COUNT	Y, NM
Notice of Intent     Acidize     Deepen     Production (Start/Resume)     Water Shut-Off     Alter Casing     Hydraulic Fracturing     Reclamation     Well Integrity     Casing Repair     New Construction     Recomplete     Other     Convert to Injection     Plug Back     Water Disposal     Convert to Injection     Convert to Injection     Plug Back     Water Disposal     Convertion Complete Nortice     Convert to Injection     Plug Back     Water Disposal     Convertion Complete Nortice     Convertion Complete Nortice     Convertion     Converting     Convertion     Convertion	12. (	CHECK THE AI	PROPRIATE BOX(ES	) TO INDICA	TE NATURE O	F NOTICE,	, REPORT, OR OTI	HER DATA
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Convert to Injection     Plug Back     Water Disposal     Convert to Injection     Convert to Injection     Plug Back     Water Disposal     Convert to Injection     Convection		-		_		🗖 Recom	plete	Other
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all partiment markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Recompletion in a new interval, a Form 3160-4 must be filed ontian 3 days following completion of the involved operation. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed onto a days following completion of the involved operation. 1) PUMP 25 SXS.CMT. @ 11,050-10,850(TIMRRW.), <i>bioe</i> 7 to a sature, Strowsn Merk's work derinking (2) SET 5-12? CIBP @ 10,300? PUMP 30 SXS.CMT. @ 10,300-10,060(TISTWN.). Add. Ciscol/syn., 25 Sr theore 996-97. 3) CIRC. WELL WIM L.F.; PUMP 25 SXS.CMT. @ 85.87-8.407(TWLCP.). 4) PUMP 25 SXS.CMT. @ 7,723-7,535(5-12? UV TOOL); WOCX TAG CMT. PLUG. 5) PUMP 25 SXS.CMT. @ 5,512-5.382(TIPRISG.). 6) CUT X-TUHL 5-1/2° CEG @ +1/2°-770'. Records in discoler 5/6" 2 Stronget Circle to Surf.CBL 7) PUMP 45 SXS.CMT. @ 1,940(TIDLWR). <i>Stronget Stronget Stro</i>	Final Abandonment Notice						er Disposal	
3) CIRC. WELL W/ ML F.; PUMP 25 SXS.CM 1. @ 8,587-8,407 (TWLCP). 4) PUMP 25 SXS.CM 7. @ 7,537 (5-17); ZPV TOOL; WOCX TAG CMT. PLUG. 5) PUMP 25 SXS.CM 7. @ 5,512-5,382(T/BNSG.). 6) CU <del>TX PULL 5-1/2*CGG @ 1/2770</del> (7) Records indicate 5//. * 2 Stapes Circ to Surf.(8L 7) PUMP 45 SXS.CM 7. @ 1,994-1,894 (TDLWR.). By Stapensing if Cut failing on cut / A. 11 10) MIX 20 FXS.CM 7. @ 1,994-1,894 (TDLWR.). By Stapensing if Cut failing on cut / A. 11 10) MIX X CIRC. TO SURF. 100 SXS.CM 7. @ 265-3(13.3) & Cos Stole PLATE TO CSGS.X INSTALL DRY HOLE MARKER. DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM WI A STEEL TANK AND HAUL CONTENTS TO 9 <b>27 17 you have something diff proceed. IF</b> wort omit. Accepted for record • NM 14. Thereby certify that the foregoing is true and correct. Electronic Submission #464265 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carisbad Committed to AFMSS for processing by PRSCILLA PEREZ on 05/06/2019 (19PF 1937SE) (11FD) FOR Name (Printed/Typed) DAVID A EYLER Title AGENT CUTVIDIE Signature (Electronic Submission) Date 05/06/2019 <b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b> <b>Approved By</b> nditions of approval, if any are attached. Approval of this notice does not warrant or tify that the applicant holds legal or equitable tit to toose rights in the subject lease (office //PD) <b>11</b> bit & GMCT. <b>11</b> bit the applicant holds legal or equitable tit to toose rights in the subject lease Office //PD <b>11</b> bit and an are attached. Approval of this notice does not warrant or tify that the applicant holds legal or equitable tit to toose rights in the subject lease <b>11</b> bit a CMCT. <b>11</b> bit and the 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	If the proposal is Attach the Bond following compl testing has been determined that	s to deepen direction under which the work letion of the involved completed. Final Al the site is ready for f	ally or recomplete horizontally rk will be performed or provid operations. If the operation r pandonment Notices must be f inal inspection.	y, give subsurface e the Bond No. o esults in a multip iled only after all	locations and measu n file with BLM/BIA le completion or reco requirements, includ	red and true v . Required su ompletion in a ling reclamation	ertical depths of all pertir bsequent reports must be new interval, a Form 316 on, have been completed	nent markers and zones. filed within 30 days 50-4 must be filed once and the operator has
11DIG 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 <u>Accepted for record</u> . NM 14. 1 hereby certify that the foregoing is true and correct. Electronic Submission #464265 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad_ Committed to AFMSS for processing by PR SCILLA PEREZ on 05/06/2019 (JPF 1937SE) (CLIFT) FOR Name (Printed/Typed) DAVID A EYLER Title AGENT CUIVDING THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved By Inditions of approval, if any, are attached. Approval of this notice does not warrant or tify that the applicant holes legal or equitable title to those rights in the subject lease inch would entitle the applicant holes legal or equitable title to those rights in the subject lease inch would entitle the applicant to conduct operations thereon. It is 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	3) CIRC. WE 4) PUMP 25 5) PUMP 25 6) GUT X PU 7) RUMR 40-	LL W/ M.L.F.; PL SXS.CMT. @ 7,7 SXS.CMT. @ 5,5 <del>LL 5-1/2" CSG.(</del> SXS.CMT <del>. @ 2</del> .6	////25 SXS.CM1. @ 8,3 /23'-7,553'(5-1/2″ DV TO 512'-5,362'(T/BNSG.). <del>@ +/-2,77</del> 0'. <b>Record</b> 330'-2-710'/5 4/2″⊂SG S	587-8,407(1/ ODL); WOCX s indicate	NLCP.). T <u>AG CM</u> T. PLUG <b>C S1/2 " 2</b> .	S. Stages	Cine to Sur	f.(8L 820-2690. To
14. 1 hereby certify that the foregoing is true and correct. Electronic Submission #464265 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad_ Committed to AFMSS for processing by PRISCILLA PEREZ on 05/06/2019 (JPE 1937SE) (CHED FOR Name (Printed/Typed) DAVID A EYLER         Name (Printed/Typed)       DAVID A EYLER         Signature       (Electronic Submission)         Date       05/06/2019         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved By	11)DIG OUT	X CUT OFF WE	LLHEAD 3' B.G.L.: WEL	D ON STEEL	PLATE TO CSG	S. X INSTA	LL DRY HOLE MAR	KER
Electronic Submission #464265 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 05/06/2019 (19PF 1931SE) (11F) F()R         Name (Printed/Typed)       DAVID A EYLER       Title       AGENT         Name (Printed/Typed)       DAVID A EYLER       Title       AGENT         Signature       (Electronic Submission)       Date       05/06/2019         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved By         Approved By       Title       Submission         Office	ET IF Y	ou have s	onething dif	f proce	ed. If w	at om	it. Accept	ed for record . NM
Name (Printed/Typed)       DAVID A EYLER       Title       AGENT       OUNDED         Signature       (Electronic Submission)       Date       05/06/2019         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved By	14. I hereby certify		Electronic Submission	ERGY COMPA	NY OF CO. sent t	o the Carlsb	ad	
Signature       (Electronic Submission)       Date       05/06/2019         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved By	Name (Printed/T	Typed) DAVID A	EYLER		Title AGENT		OLL AVI MUL	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved By	<b>C</b> '		,				COMPLET	
Approved By Approved By Title Title Title Title Date DateDate	Signature	(Electronic S						
Approved By       family       Date         Inditions of approval, if any are attached. Approval of this notice does not warrant or trify that the applicant holds legal or equitable title to those rights in the subject lease hich would entitle the applicant to conduct operations thereon.       Title       Office       Date         It is 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       Date							3E	
rtify that the applicant holds legal or equitable title to those rights in the subject lease nich would entitle the applicant to conduct operations thereon. Ile 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	Approved By	for	ner_Q_Q	n	Title	AET		
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						willfully to m	ake to any department or	agency of the United

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(Instructions on page 2) \*\* BLM REVISED \*\*

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## Additional data for EC transaction #464265 that would not fit on the form

32. Additional remarks, continued

THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Cimarex Energy Co. of Colorado CIMAREX Marguardt 1 Penn Federal #3 KB - 19' above GL 1780' FSL & 735' FWL Sec. 1, T-25-S. R-26-E, Eddy Co., NM API # 30-015-34788 S. Gengler 06/03/2013 B/Self 1747 17/2" Des 1944 13-3/8", 54.5# J-5<u>5 csq @ 215</u>' BS 5437 cmtd w/ 250 sx, cmt circ 12/4" 15 6349 TOC N/A: CBL stops w/ good cmt up to 7200. Reports Show Circ Surf. 2NBS 7037 8169 9-5/8", 40# J-55 csg @ 2770 385 cmtd w/ 850 sx. cmt circ 8497 we 362 its 2-7/8" 6.5# L-80 Tbg 🥠 Ciscoleyn 9919 Sh 2 stage Both Circ. IDI29 DV Tool @ 7638' cmtd w/ 925 sx 103/1 AT 10900 MR M MR 11293 L MR 11599 On-off Tool w/ 1.87" F Profile Nipple @ 10260' Arrowset 1-X pkr @ 10268' **1039 ک** Strawn perfs (10336 - 10344') Atoka perfs (10383' - 10392') (but OCD calls this Strawn-DP) Comp. BP @ 11050 Morrow perfs (11128' - 11214') Comp. BP @ 11290 Morrow perfs (11327' - 11388'), PBTD @ 11767 5-1/2" 17# P-110 @ 11875' cmtd w/ 935 sx, cmt circ TD @ 11875 Printed 4/24/2019

Cimarex Energy Co. of Colorado CIMAREX KB - 19' above GL Marquardt 1 Penn Federal #3 1780' FSL & 735' FWL Sec. 1, T-25-S, R-26-E, Eddy Co., NM API # 30-015-34788 S. Gengler 06/03/2013 B/SALT~ 1,747' CERC. 100 SXS. 265-3' T/ DIWR. ~ 1,944' 13-3/8", 54.5# J-55 csg @ 215' T/ 13NSA. - 5,437" cmtd w/ 250 sx, cmt circ M.L.F Pump 45 5x5. @1,797-1,697-TAG T/w.c. ~ 8,497' t XADAR T/STWN - 10,129' - Pump 45 5x5. @1,994 '.1, 894 ' TOC N/A; CBL stops w/ good cmt up to 7200. T | ATOKA ~ 10,311 M.L.F. - Pump 45 5×5. @2,830-2,710-776 T/MRRW. - 10,900' 9-5/8", 40# J-55 csg @ 2770 cmtd w/ 850 sx, cmt circ CUT 51/2"CSG.@+1-2,770" M.L.F Aump 25 5×5 @ 5,512'-5,362' M.L.F. DV Tool @ 7638' cmtd w/ 925 sx Pump 25 5x5. @7,723'-7,553'14 M.L.F. Pump 25 5×6. @8,587-8,407' M.L.F. Pump 25 5×5. @ 10,300 - 10,060' 2 - SET 5 1/2 " CIBP@ 10,300" Strawn perfs (10336' - 10344') Atoka perfs (10383' - 10392') (but OCD calls this Strawn-DP) - Pump 25 5×5. @11,050'-10,850 Arch of Comp. BP @ 11050' Morrow perfs (11128' - 11214') Comp. BP @ 11290' Morrow perfs (11327' - 11388') PBTD @ 11767' 5-1/2" 17# P-110 @ 11875' cmtd w/ 935 sx; cmt circ TD @ 11875! NE 05/03/19

Printed 4/24/2019

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## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>minety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification</u>: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement</u>: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged</u>.

8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.