

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

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

WELL API NO. 30-025-27137
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name STATE LF 30
8. Well Number 001
9. OGRID Number 162683
10. Pool name or Wildcat UND. SO. KEMNITZ - ATOKA

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

2. Name of Operator
CIMAREX ENERGY CO. OF COLORADO

3. Address of Operator
600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701

4. Well Location
Unit Letter H : 1980 feet from the NORTH line and 660 feet from the EAST line
Section 30 Township 16S Range 34E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,131.5' - GR

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK PLUG AND ABANDON
- TEMPORARILY ABANDON CHANGE PLANS
- PULL OR ALTER CASING MULTIPLE COMPL
- DOWNHOLE COMMINGLE

OTHER:

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ALTERING CASING
- COMMENCE DRILLING OPNS. P AND A
- CASING/CEMENT JOB

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 5-1/2" CIBP @ 12,600'; PUMP (75) SXS. CLASS "H" CMT. @ 12,600'-12,000' (T/ATOKA, T/STWN.) ; WOC X TAG.
- 2) CIRC. WELL W/ M.L.F.; PUMP (25) SXS. CLASS "H" CMT. @ 9,805'-9,615' (T/WLCP).
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- 7) PUMP (45) SXS. CLASS "C" CMT. @ 2,000'-1,880' (SPACER).
- 8) MIX X CIRC. TO SURF. (140) SXS. CLASS "C" CMT. @ 422'-3' (13-3/8" CSG.SHOE).
- 9) 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 A CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

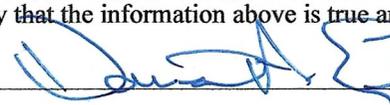
4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

Spud Date:

Rig Release Date:

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

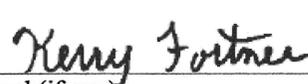
SIGNATURE  TITLE: AGENT

DATE: 08/25/22

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 Compliance Officer A

DATE 9/21/22

Conditions of Approval (if any)

**CONDITIONS OF APPROVAL
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 I (Hobbs) at **(575)-263-6633** 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) Potash---(In the R-111-P Area (Potash Mine Area),
 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 REQ.UIRMENTS

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

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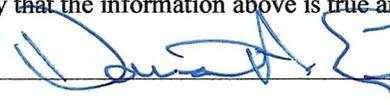
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Spud Date:

Rig Release Date:

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

SIGNATURE 

TITLE: AGENT

DATE: 08/25/22

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):

WELLBORE SCHEMATIC AND HISTORY

LEASE NAME		State LF 30		Well # 1		API # 30-025-27137		LEASE # 309680-008.01	
TYPE COMPLETION:		SINGLE		DUAL					
LOCATION:		1980' FNL & 660 FEL, Sec 30 T16S R34E, Lea County, NM							
TD	13,210'	PBD	13,166'	KB	4150'				
COD		DOD		GL	4132'				
NO. PROD. WELLS ON LEASE		1		FLOWING		PUMPING			
ZONE TO BE WORKED ON:						CURRENT COMPLETION ZONE:			
CSG. PERFS:				Atoka		OPEN HOLE:			
CURRENT TEST (SHOW DATE)		12,686'-706' w/4 SPF		0 BO					
		6/7/1993		1254 MCF		0 BO			
		7/20/2006		594 MCF		0 BO			
CASING BREAKDOWN									
SURF.	17-1/2" hole	SIZE:	13 3/8" 54.5#	DEPTH	372'				
INTER.	11" hole	SIZE:	8 5/8" 32#	DEPTH	4,358'				
PROD.	7-7/8" hole	SIZE:	5 1/2", 17#	DEPTH	13,210'				

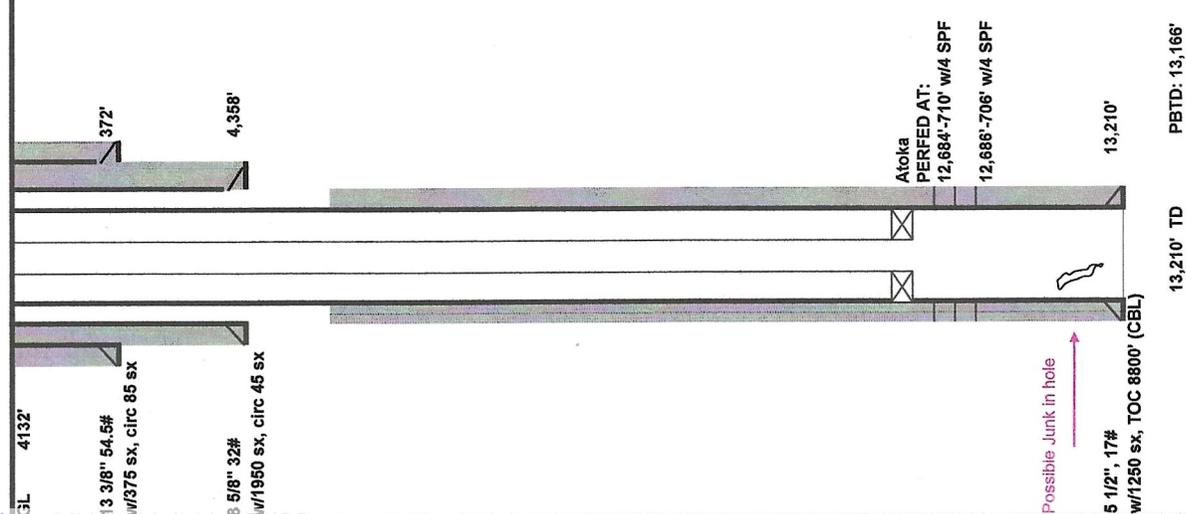
WELL HISTORY

12/05/80 Spud
 03/09/81 Completed well in Atoka 12,686'-706'. IP: 3 BO + 325 MCF. GOR 108/1, TP 3402, OG 36.4, 2 hr test on 25/64" choke.
 05/15/81 Flwd 6288 MCF + 66 BO.
 04/05/88 Re-perf Atoka 12,684'-710'.
 04/02/93 Acqz w/2400 gal Methanol + 2500 gal 4% KCl + 61 tons CO2.
 05/26/93 Frac w/10,000 G ZX8150 gelled KCl + 10,000 CBOZ + 16,000# light weight 20/30 proppant.
 05/29/93 Flwd 652 MCF. FTP 100 LP 48.
 06/07/93 Flwd 1254 MCF. TP 100 LP 56.
 09/16/94 1651 MCF, 0 fluid, TP 160 LP 83.
 12/16/94 1533 MCF, 0 fluid, TP 150 LP 75.
 03/16/95 1354 MCF, 0 fluid, TP 80 LP 70.
 06/16/95 1181 MCF, 0 fluid, TP 80 LP 62.
 09/16/95 1251 MCF, 0 fluid, TP 80 LP 60.
 12/16/95 1171 MCF, 0 fluid, TP 80 LP 37.
 03/16/96 999 MCF, TP 55.
 06/16/96 1002 MCF, TP 68.
 09/16/96 858 MCF + 0 BO + 6 BW, TP 40 LP 32.
 12/16/96 711 MCF + 0 BO + 6 BW, TP 40.
 03/16/97 776 MCF + 0 BO + 3 BW, TP 38, TP 35.
 06/16/97 785 MCF + 0 BO + 2 BW, TP 38 LP 35.

NOTE: Possible Junk in hole (Vann TCP gun, Strip gun, CCL & WL head, 3/16" line cutter). BAD CSG @ 10,117'

Tubing Detail: from 3/12/83 rpt

- 262 fts 2 7/8" N80 tbg
- change over
- 138 fts P105 2 7/8" tbg
- 2 7/8" N80 sub
- 1 ft P105 2 7/8" tbg
- 2 7/8" stabilizer
- On/Off tool w/2.25" profile
- Gulberson Uni-VI pkr
- 2 7/8" stabilizer
- PKR SET @ 12,619'



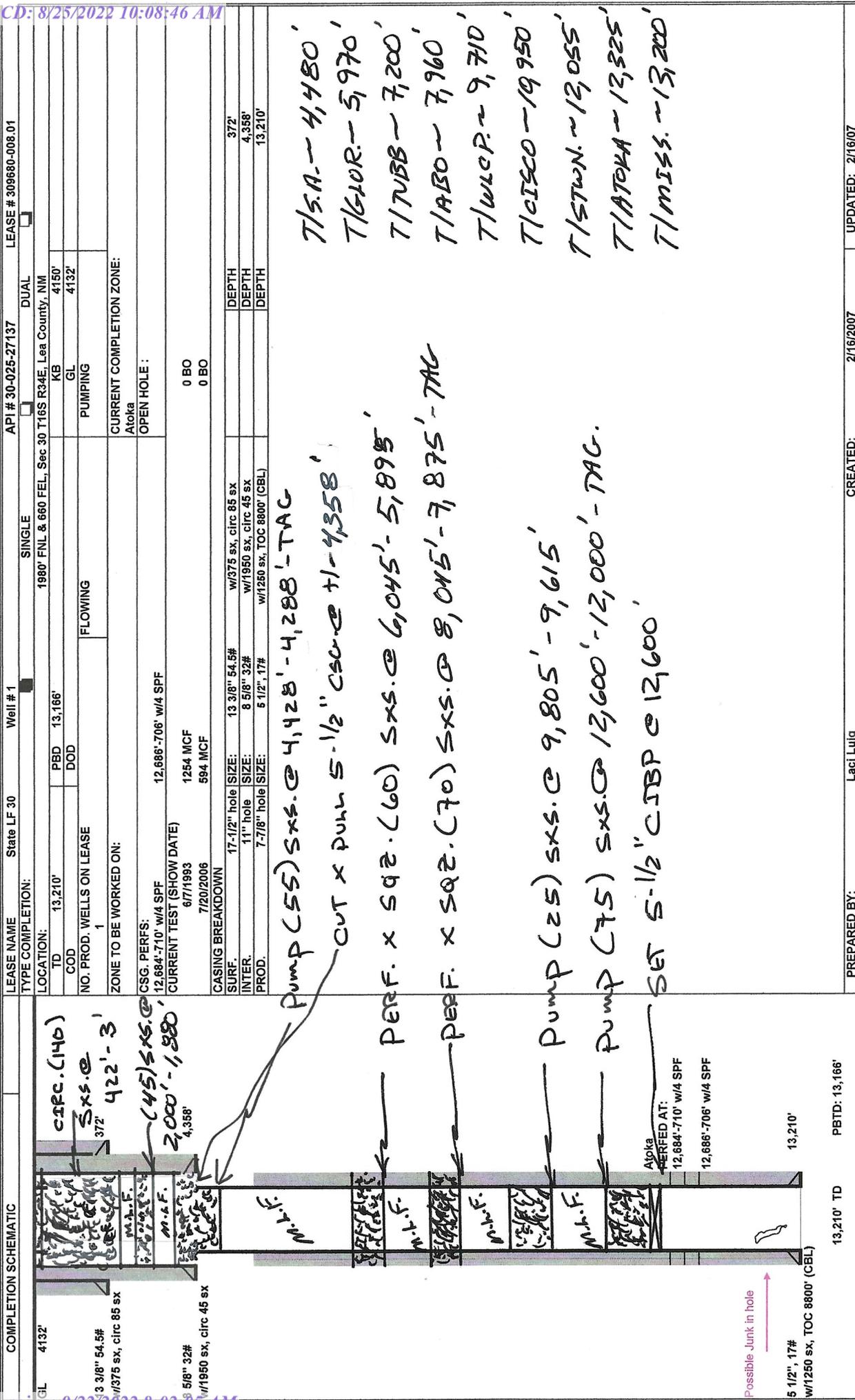
13,210' TD PBD: 13,166'

UPDATED: 2/16/07

CREATED: 2/16/2007

PREPARED BY: Laci Luig

WELLBORE SCHEMATIC AND HISTORY



LEASE NAME: State LF 30 Well # 1
 TYPE COMPLETION: SINGLE
 LOCATION: 1980' FNL & 660 FEL, Sec 30 T16S R34E, Lea County, NM
 TD: 13,210' PBD: 13,166' KB: 4150'
 COD: DOD GL: 4132'
 NO. PROD. WELLS ON LEASE: 1 FLOWING
 ZONE TO BE WORKED ON:
 CSG. PERFS: 12,684'-710' w/4 SPF
 CURRENT TEST (SHOW DATE): 6/7/1993 1254 MCF
 7/20/2006 594 MCF
 CASING BREAKDOWN
 SURF. 17-1/2" hole SIZE: 13 3/8" 54.5# w/375 sx, circ 85 sx DEPTH 372'
 INTER. 11" hole SIZE: 8 5/8" 32# w/1950 sx, circ 45 sx DEPTH 4,358'
 PROD. 7-7/8" hole SIZE: 5 1/2" 17# w/1250 sx, TOC 8800' (CBL) DEPTH 13,210'

T/S.A. -- 4,480'
 T/GIOR. -- 5,970'
 T/NUBB -- 7,200'
 T/ABO -- 7,960'
 T/WLCP. -- 9,710'
 T/CISCO -- 19,950'
 T/STWN. -- 12,055'
 T/ATOKA -- 12,325'
 T/MISS. -- 13,200'

PREPARED BY: Laci Luig CREATED: 2/16/2007 UPDATED: 2/16/07

DNE 08/25/22

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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COMMENTS

Action 137968

COMMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld Street Midland, TX 79701	OGRID: 162683
	Action Number: 137968
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	9/22/2022

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	9/21/2022