Page 1 of 4

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

Well Name: CAVE LAKE 13 FEDERAL

COM

Well Location: T16S / R28E / SEC 13 /

NENE /

County or Parish/State: EDDY /

Well Number: 4

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM95630

Unit or CA Name: CAVE LAKE 13 FED

Unit or CA Number:

COM 4

NMNM127997

US Well Number: 3001539593

Well Status: Producing Oil Well

Operator: CIMAREX ENERGY COMPANY OF COLORADO

Accepted for record – NMOCD gc 4/12/2022

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 02/02/2021

Time Sundry Submitted: 04:44

Date proposed operation will begin: 02/28/2021

Procedure Description: 1. Set 7" CIBP @ 6200'; pump 25 sx cmt @ 6200-6100'. Circ well w/ MLF. 2. Pump 65 sx cmt @ 5618-5290' (T/Abo, T/Abo SH) 3. Pump 50 sx cmt @ 2137-2017' (T/SA) WOC & tag TOC 4. Pump 75 sx cmt @ 618-320' (T/Yates, B/Salt, T/Salt, 13-3/8" csg shoe) WOC & tag TOC 5. Circ to surf 25 sx cmt @ 100' - 3'. 6. Dig out & cut off WH 3' BGL; weld on steel plate to csg & install below ground dry hole marker. During this procedure we plan to use the closed loop system w/ a steel tank and haul off contents to the required disposal, per OCD rule 19.15.17. Before & After WBD attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

CAve Lake 13 Fed 4 WBD P A 20210202164158.pdf



Cimarex Energy Company

Objective:

1/7/2021

CTB

Well: Cave Lake 13 Fed Com #4

Location: 13sec , T16S-R28E

County, State Eddie County, NM

County, State Eddie County, NM Surface Location: 260 FSL, 330 FEL

Bottomhole Loc: 660 FSL, 330 FWL

Wellhead: SEC A: 13-3/8" 3M x 13-3/8" SOW

SEC B: 13-5/8" 3M X 7-1/16" 5M

Tubing: 2 7/8" L80 EUE
Superintendent: Tim Brewer
Engineer: Calvin Boyle

Field: Cap Rock

Abo

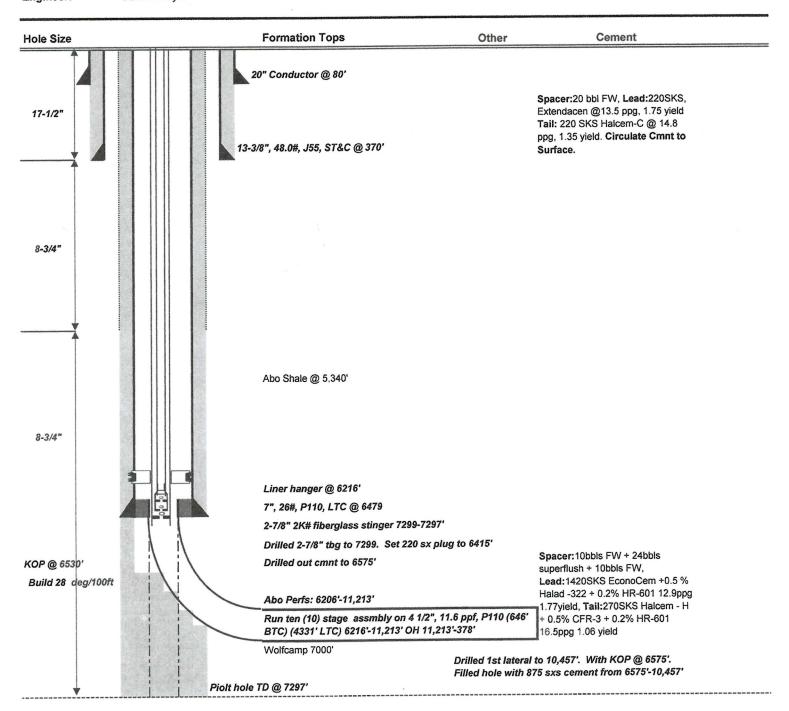
TVD/MD: 6622' / 11,378'

PBTD: 11,205'
API# 30-015-39593

Property #: 309

309624-226

Updated 1/7/2021 by C. Boyle



CTB



Cimarex Energy Company

1/7/2021

Well:

Cave Lake 13 Fed Com #4

Location:

13sec , T16S-R28E

County, State

Eddie County, NM

Surface Location: 260 FSL, 330 FEL 660 FSL, 330 FWL

Bottomhole Loc: Wellhead:

SEC A: 13-3/8" 3M x 13-3/8" SOW

SEC B: 13-5/8" 3M X 7-1/16" 5M

2 7/8" L80 EUE Tim Brewer

Superintendent: Engineer:

Tubing:

Calvin Boyle

Field:

PBTD:

API#

Cap Rock

Objective: TVD/MD:

Abo 6622' / 11,378'

11,205'

Property #:

30-015-39593 309624-226

Updated 1/7/2021 by C. Boyle

Hole Size Formation Tops Other Cement 20" Conductor @ 80' CIRC. 25 5x5.@100'-3 Spacer:20 bbl FW, Lead:220SKS, Extendacen @13.5 ppg, 1.75 yield 17-1/2" Tail: 220 SKS Halcem-C @ 14.8 ppg, 1.35 yield. Circulate Cmnt to 13-3/8", 48.0#, J55, ST&C @ 370' Pump 755x5@618'-320'-TAG T/3A1T~370' 714ATES~568 7/5.A. ~ Z,077' 8-3/4" 7/GLOP. ~ 3,532 Pump 30 5x5.@2,137'-2,017'-TAG TINB8-4,804' M.L.F. TIABO-5,568' Pump 65 5x50 5,618'-5,290' T/w.c. - 6,921' Abo Shale @ 5,340' Pump 25 5x5.00 6,200'-6,100' 8-3/4" SET 7" CIBPC 6,200"
Liner hanger @ 6216' 7", 26#, P110, LTC @ 6479 2-7/8" 2K# fiberglass stinger 7299-7297' Drilled 2-7/8" tbg to 7299. Set 220 sx plug to 6415' Spacer: 10bbls FW + 24bbls KOP @ 6530' Drilled out cmnt to 6575' superflush + 10bbls FW, Build 28 deg/100ft Lead:1420SKS EconoCem +0.5 % Halad -322 + 0.2% HR-601 12.9ppg Abo Perfs: 6206'-11,213' 1.77yield, Tail:270SKS Halcem - H Run ten (10) stage assmbly on 4 1/2", 11.6 ppf, P110 (646' + 0.5% CFR-3 + 0.2% HR-601 BTC) (4331' LTC) 6216'-11,213' OH 11,213'-378' 16.5ppg 1.06 yield Wolfcamp 7000' Drilled 1st lateral to 10,457'. With KOP @ 6575'. Filled hole with 875 sxs cement from 6575'-10,457' Piolt hole TD @ 7297'

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

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 97598

CONDITIONS

	CODID
Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	97598
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	4/12/2022