

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6151 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 746-1203 Fax: (575) 746-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1225 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3450 Fax: (505) 476-3452

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate District Office

OIL CONSERVATION DIVISION

1225 South St. Francis Dr.
Santa Fe, New Mexico 87505

JAN 20 2015

WELL LOCATION AND ACREAGE DEDICATION

☐ AMENDED REPORT

API Number 30025-42371	Pool Code 97900	Pool Name Bone Spring/ Wildcat
Property Code 314104	Property Name CASCADE 28 FEDERAL	Well Number 3H
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3385

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/NORTH LINE	FEET from the	East/West line	County
C	28	25 S	33 E		330	NORTH	1350	WEST	LEA

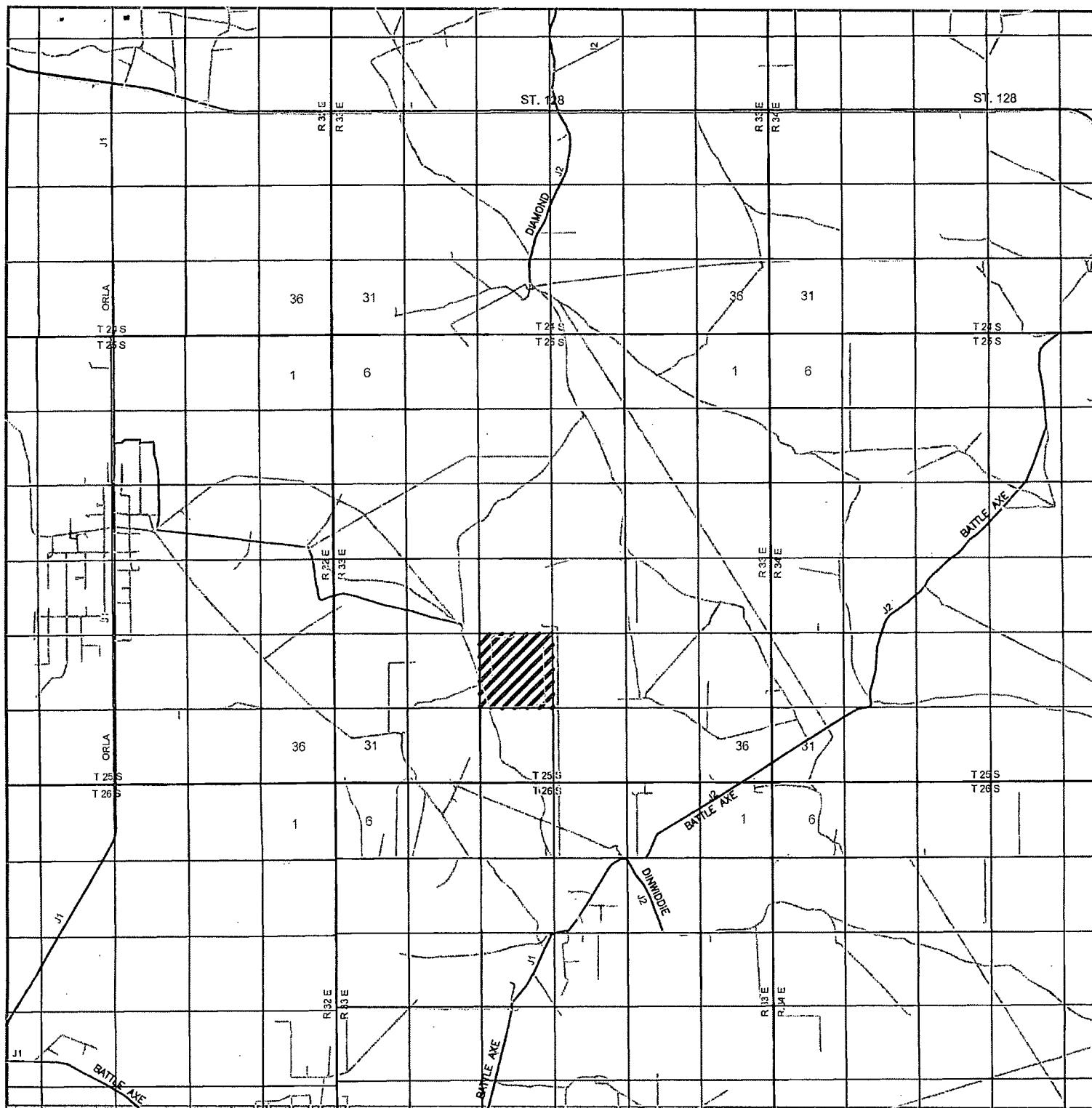
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/NORTH LINE	FEET from the	East/West line	County
N	28	25 S	33 E		330	SOUTH	2200	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No. NSL Pending						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N: 404128.7 E: 772802.7 (NAD83) 1350' 3383.8' 3382.4' 3388.1'	N: 404138.2 E: 775431.1 (NAD83) <u>SURFACE LOCATION</u> Lat - N 32°06'28.46" Long - W 103°34'53.07" NMSPCE- N 403804.2 E 774154.5 (NAD-83)	N: 404153.1 E: 778069.7 (NAD83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Aricka Easterling</i> Signature Date 3-13-14 Aricka Easterling Printed Name aeasterling@cimarex.com Email Address
N: 401488.1 E: 772818.6 (NAD83) 2200' B.H.	<u>PROPOSED BOTTOM HOLE LOCATION</u> Lat - N 32°05'42.72" Long - W 103°34'43.22" NMSPCE- N 393188.5 E 775034.2 (NAD-83)	N: 401510.4 E: 778083.7 (NAD83)	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. DECEMBER 16 2013 Date Surveyed Signature of Professional Surveyor Certificate No. 7977 Scale: 1" = 1000' WO Num.: 29692

JAN 21 2015



CASCADE 28 FEDERAL 3H
 Located 330' FNL and 1350' FWL
 Section 28, Township 25 South, Range 33 East,
 N.M.P.M., Lea County, New Mexico.



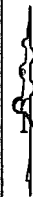
P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

0 1 MI 2 MI 3 MI 4 MI
 SCALE: 1" = 2 MILES

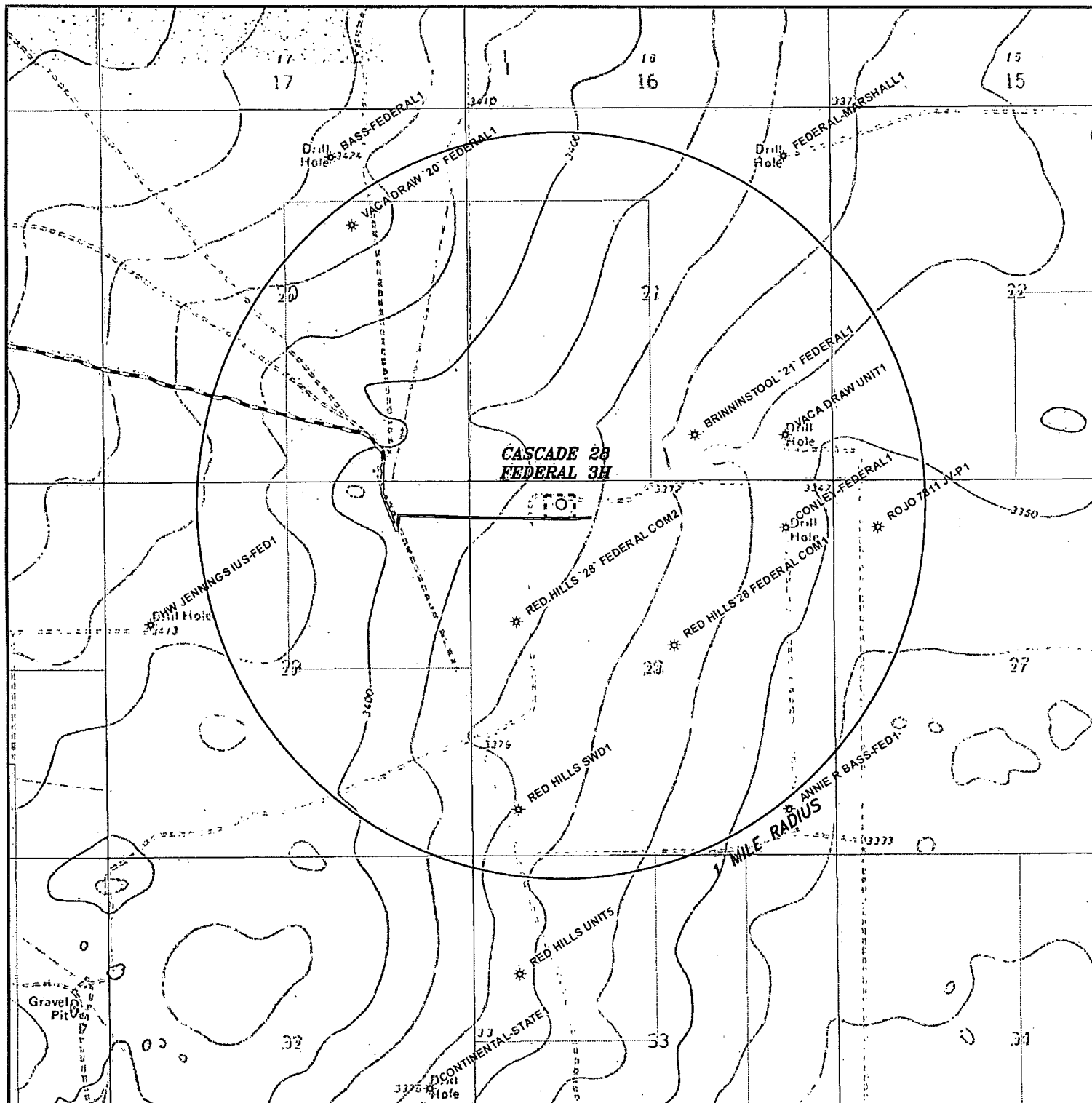
W.O. Number: KAN 29692

Survey Date: 12-11-2013

YELLOW TINT - USA LAND
 BLUE TINT - STATE LAND
 NATURAL COLOR - USA LAND



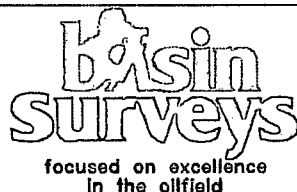
CIMAREX
 ENERGY CO.



CASCADE 28 FEDERAL 3H

Located 330' FNL and 1350' FWL

Section 28, Township 25 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.



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0' 1000' 2000' 3000' 4000'

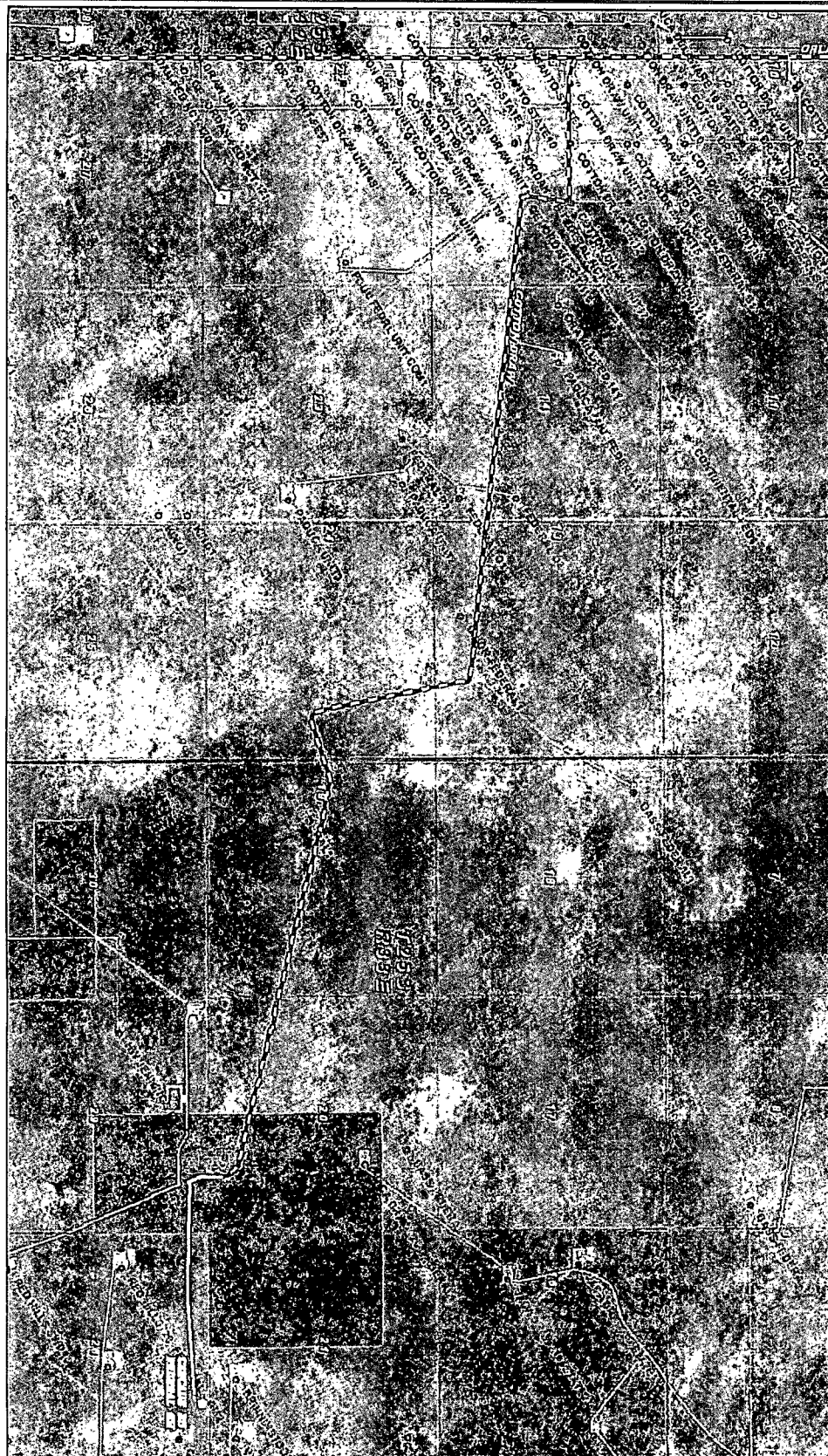
SCALE: 1" = 2000'

W.O. Number: KAN 29692

Survey Date: 12-11-2013

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - USA LAND

CIMAREX
ENERGY CO.



Cascade 28 Federal
Public Access Route Map



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0' 1500' 3000' 4500' 6000'

SCALE: 1" = 3000'

W.O. Number: KAN 29695

Survey Date: 12-11-2013

YELLOW TINT - USA LAND
BLUE TINT - STATE LAND
NATURAL COLOR - USA LAND



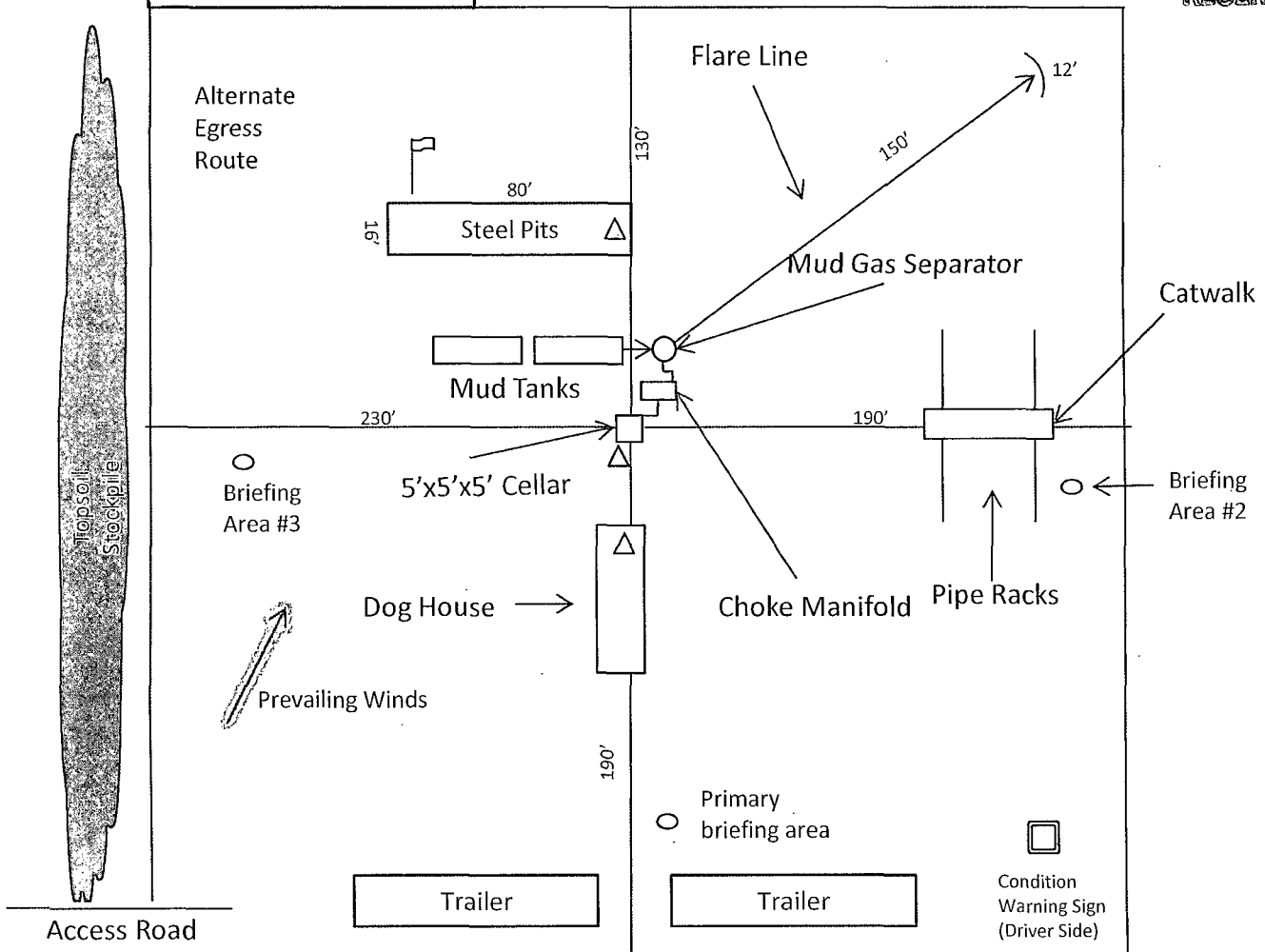
80'

Frac Tank Farm

HOBBSOCD

JAN 20 2015

RECEIVED



Wind Direction Indicators
(wind sock or streamers)



• H2S Monitors
(alarms at bell nipple and shale shaker)



Briefing Areas

N



Exhibit D-1 – Rig Diagram

Cascade 28 Federal 3H

Cimarex Energy Co.

28-25S-33E

SHL 330 FNL & 1350 FWL

BHL 330 FSL & 2200 FWL

Lea County, NM