

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 41833	Pool Code 2209	Pool Name ANTELOPE RIDGE-BONE SPRING WEST
Property Code 39020	Property Name CAZA RIDGE 14 STATE	Well Number 5H
OGRID No. 249099	Operator Name CAZA OPERATING, LLC	Elevation 3365'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	23-S	34-E		330	SOUTH	460	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	23-S	34-E		330	NORTH	460	EAST	LEA
Dedicated Acres 160		Joint or Infill		Consolidation Code		Order No.			

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

CORNER COORDINATES TABLE A - Y=478289.6 N, X=777195.2 E B - Y=478301.0 N, X=778516.4 E C - Y=473010.8 N, X=777244.1 E D - Y=473021.5 N, X=778565.4 E GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=473347.7 N X=778102.6 E LAT.=32.298141° N LONG.=103.433304° W BOTTOM HOLE LOCATION Y=477967.1 N X=778059.9 E		OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Joe T. Janica</i> Signature Date Joe T. Janica 05/30/14 joejanica@valornet.com E-mail Address
		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. MAY 6, 2014 Date of Survey Signature & Seal of Professional Surveyor: RONALD J. EIDSON NEW MEXICO REG. 3239 Surveyor Certificate Number 3239 Ronald J. Eidson 12641 DSS JWSC W.O.: 14.11.0482
		JUN 2 2014

LONG's METHOD OF SURVEY COMPUTATION

OBLIQUE CIRCULAR ARC INTERPOLATION

6000	MD OF INTERPOLATION DEPTH,(feet)
#N/A	TVD COORDINATE OF THE DEPTH (feet)
#N/A	N/S COORDINATE OF DEPTH (feet)
#N/A	E/W COORDINATE OF DEPTH (feet)

3 D DISTANCE BETWEEN STATION A AND STATION B

DISTANCE TABLE

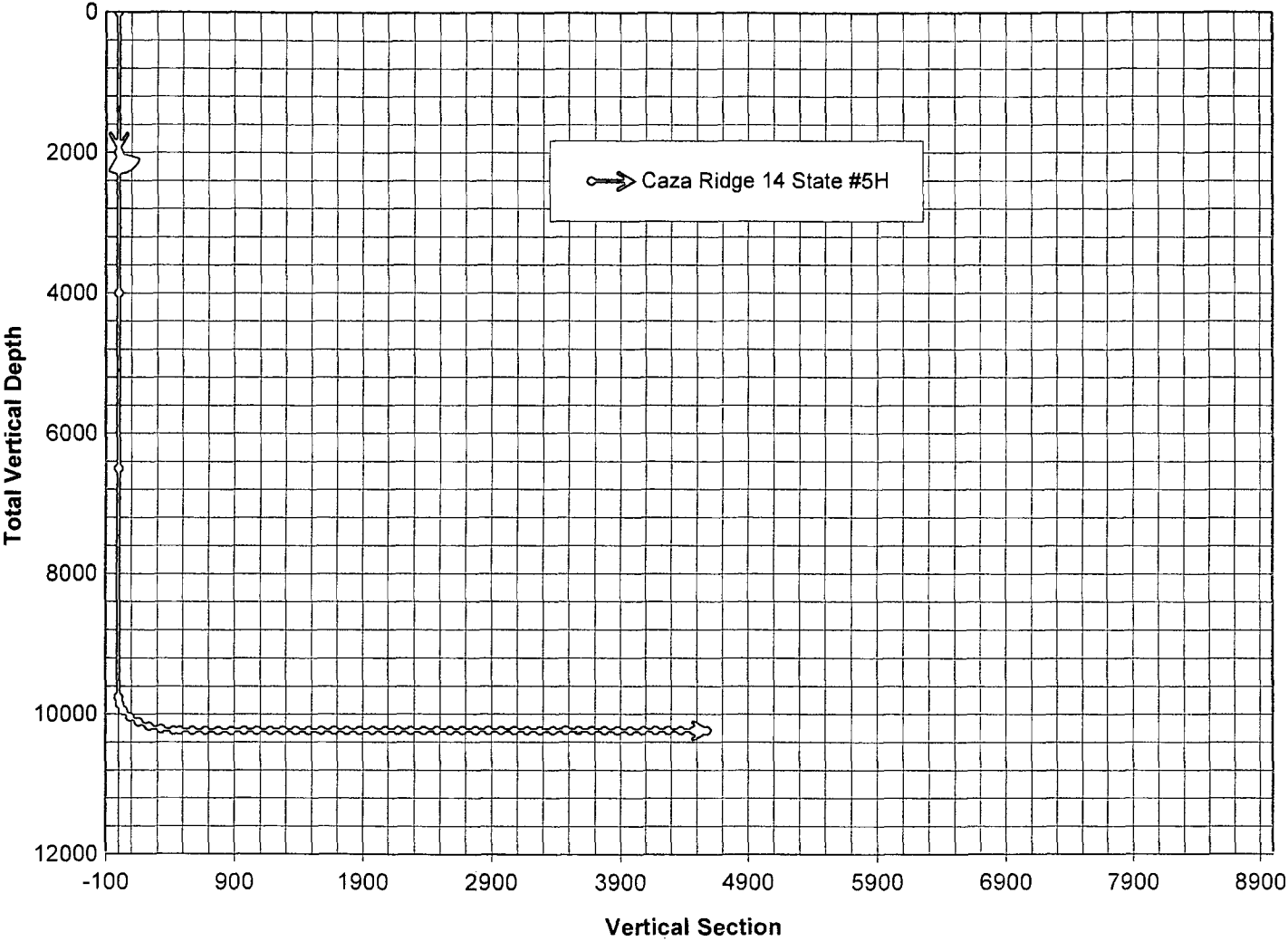
STATION A	STATION B
400.00	600.00
300.00	400.00
100.00	300.00
300.00	ft

TABLE OF SURVEY STATIONS

Calculator =

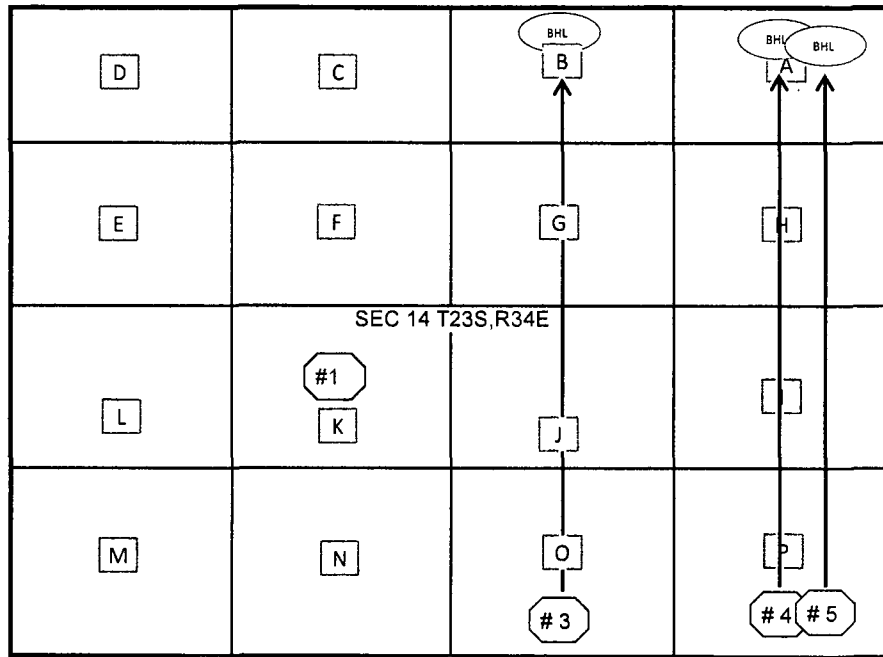
STA #	ΔMD ft	INCL deg	AZIM deg	MD ft	TVD ft	N+S- ft	E+W- ft	DLS deg/100FT
1	TIE POINT =>	0	0	9758.00	9758.00	0.00	0.00	-
2	100	12	0	9858.00	9857.27	10.43	0.00	12.00
3	100	24	0	9958.00	9952.20	41.28	0.00	12.00
4	100	36	0	10058.00	10038.65	91.19	0.00	12.00
5	100	48	0	10158.00	10112.83	157.98	0.00	12.00
6	100	60	0	10258.00	10171.50	238.73	0.00	12.00
7	100	72	0	10358.00	10212.10	329.92	0.00	12.00
8	100	84	0	10458.00	10232.85	427.56	0.00	12.00
9	50	90	0	10508.00	10235.46	477.46	0.00	12.00
10	100	90	0	10608.00	10235.46	577.46	0.00	0.00
11	100	90	0	10708.00	10235.46	677.46	0.00	0.00
12	100	90	0	10808.00	10235.46	777.46	0.00	0.00
13	100	90	0	10908.00	10235.46	877.46	0.00	0.00
14	100	90	0	11008.00	10235.46	977.46	0.00	0.00
15	100	90	0	11108.00	10235.46	1077.46	0.00	0.00
16	100	90	0	11208.00	10235.46	1177.46	0.00	0.00
17	100	90	0	11308.00	10235.46	1277.46	0.00	0.00
18	100	90	0	11408.00	10235.46	1377.46	0.00	0.00
19	100	90	0	11508.00	10235.46	1477.46	0.00	0.00
20	100	90	0	11608.00	10235.46	1577.46	0.00	0.00
21	100	90	0	11708.00	10235.46	1677.46	0.00	0.00
22	100	90	0	11808.00	10235.46	1777.46	0.00	0.00
23	100	90	0	11908.00	10235.46	1877.46	0.00	0.00
24	100	90	0	12008.00	10235.46	1977.46	0.00	0.00
25	100	90	0	12108.00	10235.46	2077.46	0.00	0.00
26	100	90	0	12208.00	10235.46	2177.46	0.00	0.00
27	100	90	0	12308.00	10235.46	2277.46	0.00	0.00
28	100	90	0	12408.00	10235.46	2377.46	0.00	0.00
29	100	90	0	12508.00	10235.46	2477.46	0.00	0.00
30	100	90	0	12608.00	10235.46	2577.46	0.00	0.00
31	100	90	0	12708.00	10235.46	2677.46	0.00	0.00
32	100	90	0	12808.00	10235.46	2777.46	0.00	0.00
33	100	90	0	12908.00	10235.46	2877.46	0.00	0.00
34	100	90	0	13008.00	10235.46	2977.46	0.00	0.00
35	100	90	0	13108.00	10235.46	3077.46	0.00	0.00
36	100	90	0	13208.00	10235.46	3177.46	0.00	0.00
37	100	90	0	13308.00	10235.46	3277.46	0.00	0.00
38	100	90	0	13408.00	10235.46	3377.46	0.00	0.00
39	100	90	0	13508.00	10235.46	3477.46	0.00	0.00
40	100	90	0	13608.00	10235.46	3577.46	0.00	0.00
41	100	90	0	13708.00	10235.46	3677.46	0.00	0.00
42	100	90	0	13808.00	10235.46	3777.46	0.00	0.00
43	100	90	0	13908.00	10235.46	3877.46	0.00	0.00
44	100	90	0	14008.00	10235.46	3977.46	0.00	0.00
45	100	90	0	14108.00	10235.46	4077.46	0.00	0.00
46	100	90	0	14208.00	10235.46	4177.46	0.00	0.00
47	100	90	0	14308.00	10235.46	4277.46	0.00	0.00
48	100	90	0	14408.00	10235.46	4377.46	0.00	0.00
49	100	90	0	14508.00	10235.46	4477.46	0.00	0.00
50	100	90	0	14608.00	10235.46	4577.46	0.00	0.00
51	42	90	0	14650.00	10235.46	4619.46	0.00	0.00

Caza Ridge 14 State # 5H



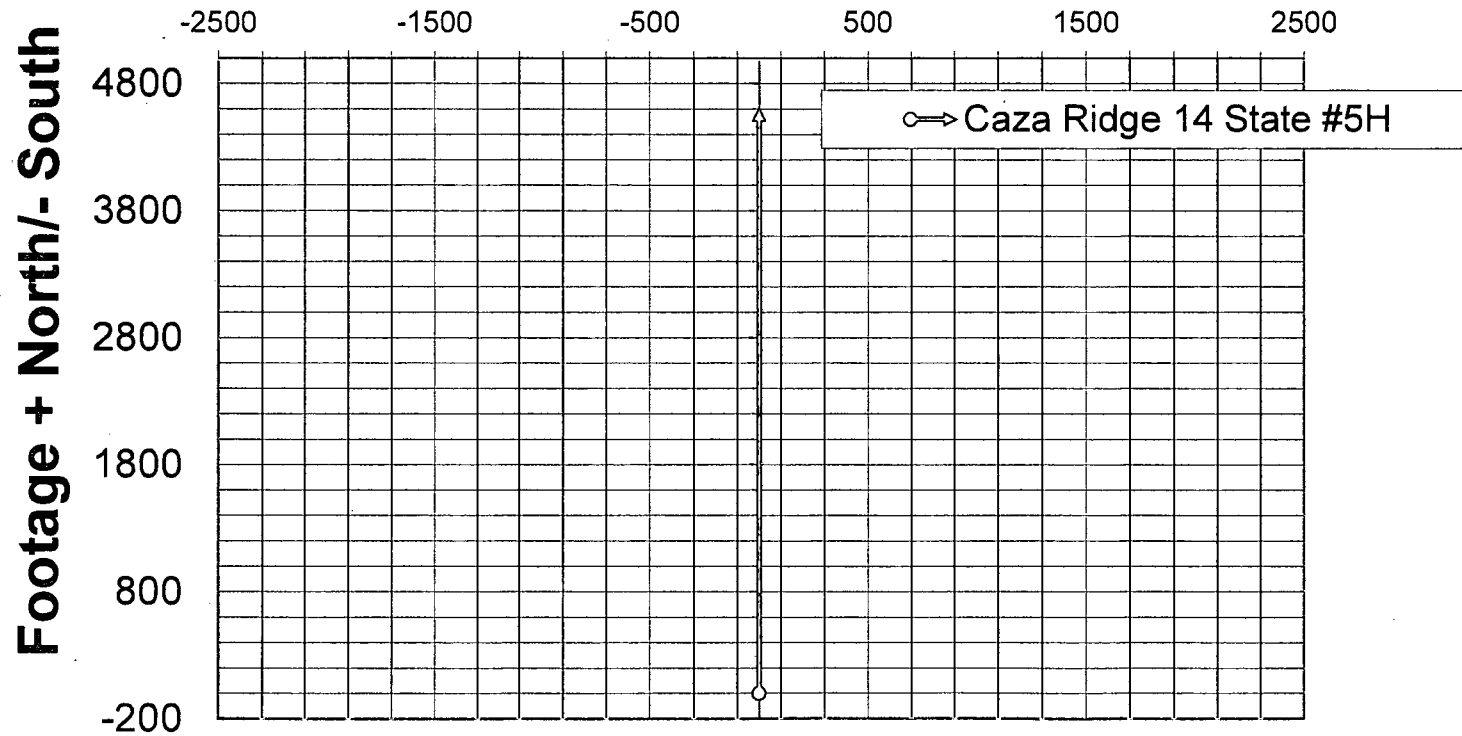
Caza Ridge 14 # State #5H_ Bone Springs Horizontal

Sec 14, T-23-S, R-34-E, Lea County, New Mexico



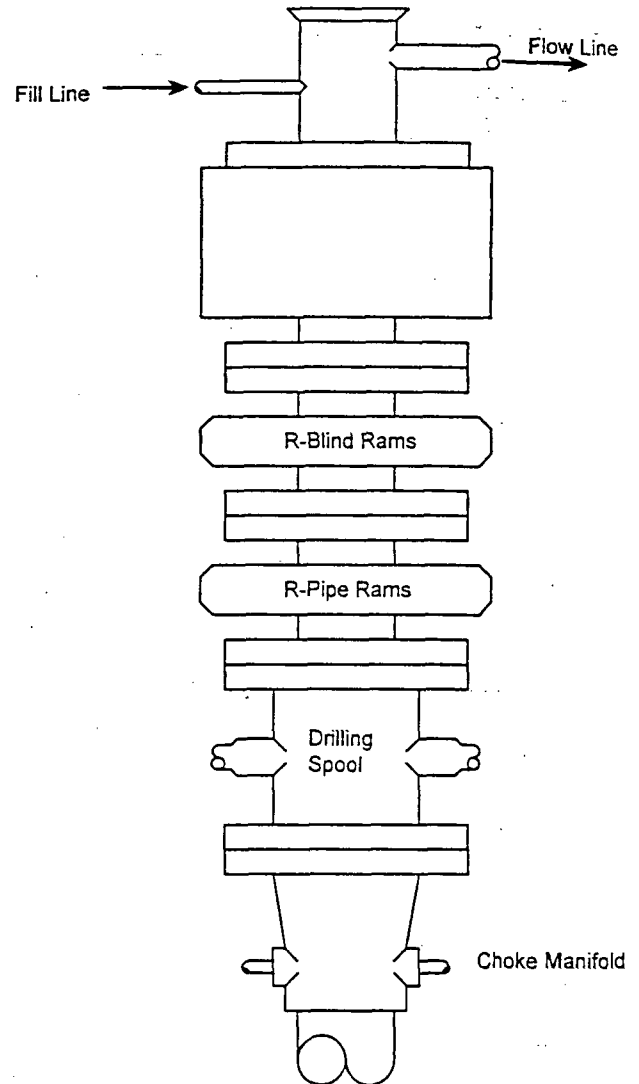
Well Name	Surface Location	Depth and Strata	Current Prod Zone	Bottom Hole Location	
Caza Ridge 14 # 5H	330 FSL & 460 FEL	TD = 10,235 2nd BS	2nd Bone Test	330 FNL & 460 FEL	TVD 10,235 Caza Operating,LLC
Caza Ridge 14 # 4H	330 FSL & 660 FEL	TD = 11,300 Wolfcamp	3rd Bone Test	330 FNL & 660 FEL	TVD 11,300.Caza Operating,LLC
Caza Ridge 14 # 3H	330 FSL & 1980 FEL	TD = 11,750 Wolfcamp	3rd Bone Test	330 FNL & 1980 FEL	Producing
Supron Fed 14 Com#1	1980 FSL & 1980 FWL	TD = 13,600 Penn.	Producing 13 BCF	Same	Hunt Oil-Atoka Morrow Dual
8006 JV-P Ridge #1	1980 FSL & 1980 FEL	TD = 13,543 Penn	Plugged	Vertical	BTA Plugged

Horizontal Plane Footage +East/-West



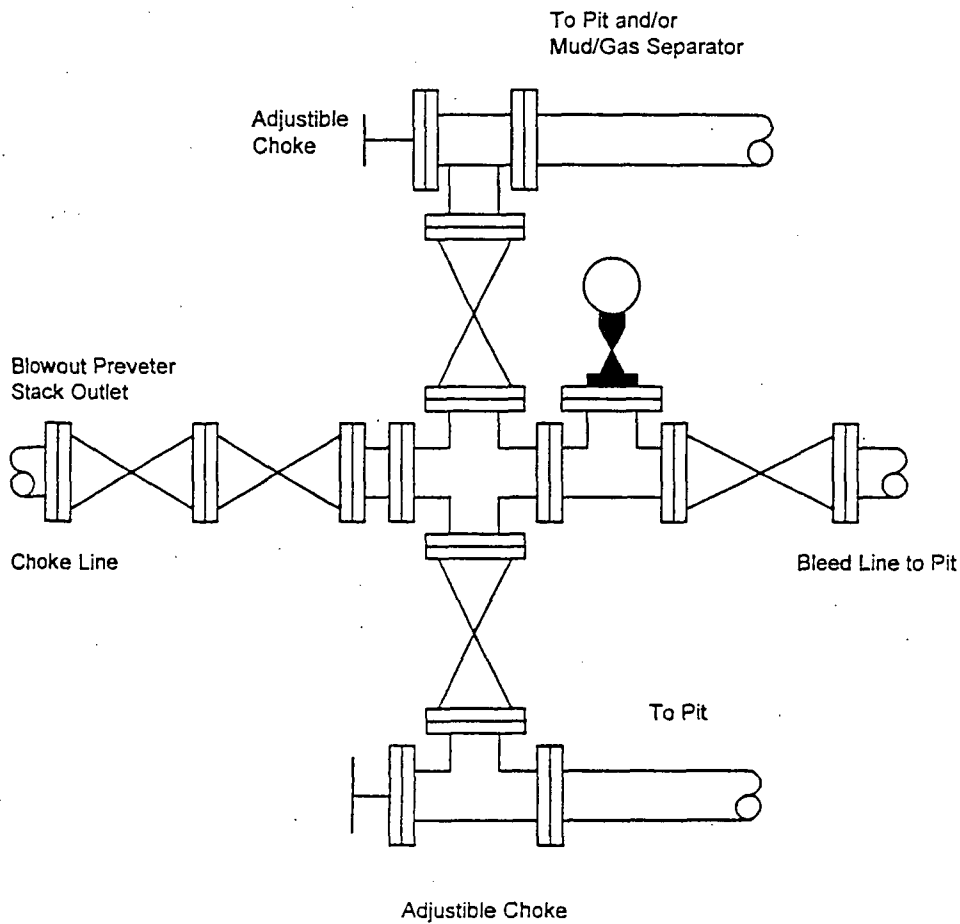
BLOWOUT PREVENTER SYSTEM

5000 PSI



Type 1500 SERIES
5000 psi WP

Choke Manifold Assembly for 5M WP System





**Caza Ridge 14 State # 5H
SE/SE Sec 14, T23S, R34E
Lea County, New Mexico**

Closed Loop Drilling System

Operations and Maintenance Plan

Closed Loop equipment will be inspected and monitored closely on a daily basis by each drilling rig Tour and by those hired specifically to operate the equipment. Any leak or release detected will be repaired immediately and the proper NMOCD official will be notified within the 48 hr requirement. A large release will require Caza Operating, LLC representatives to contact NMOCD immediately at the Hobbs office 575 393 6161 as stated by NMOCD rule 116.

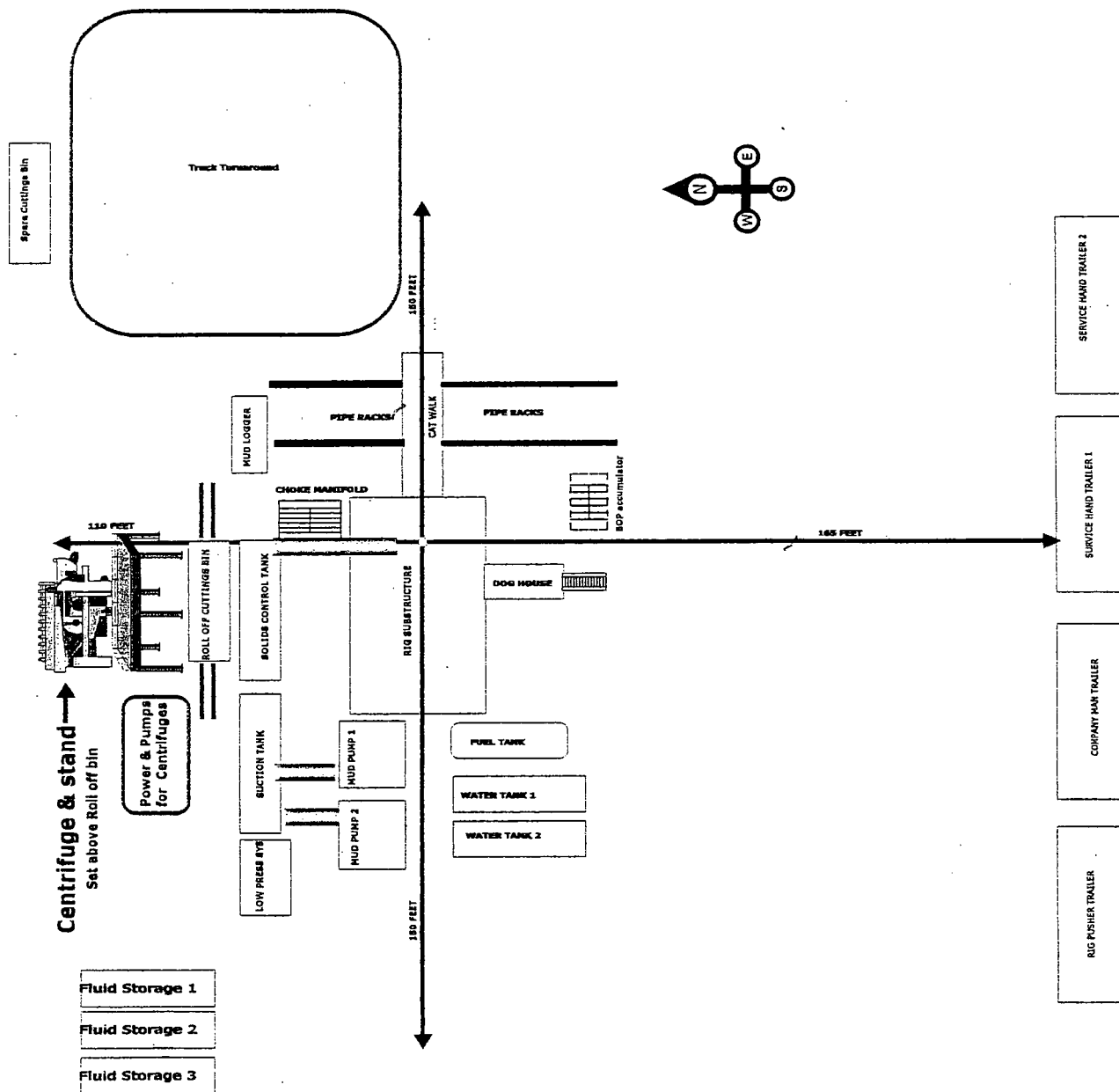
Closure Plan

During and after drilling operations, liquids (which apply), all drill cuttings and drilling fluids will be hauled and disposed of at the Sundance disposal (permit number NM-01-0003) located about 3 miles East of Eunice, New Mexico. An alternate approved disposal site has been selected "R-360 " which is 30 miles East of Carlsbad. Its number is NM-01-0006. The Second site would only be used in the event of problems with Sundance disposal.



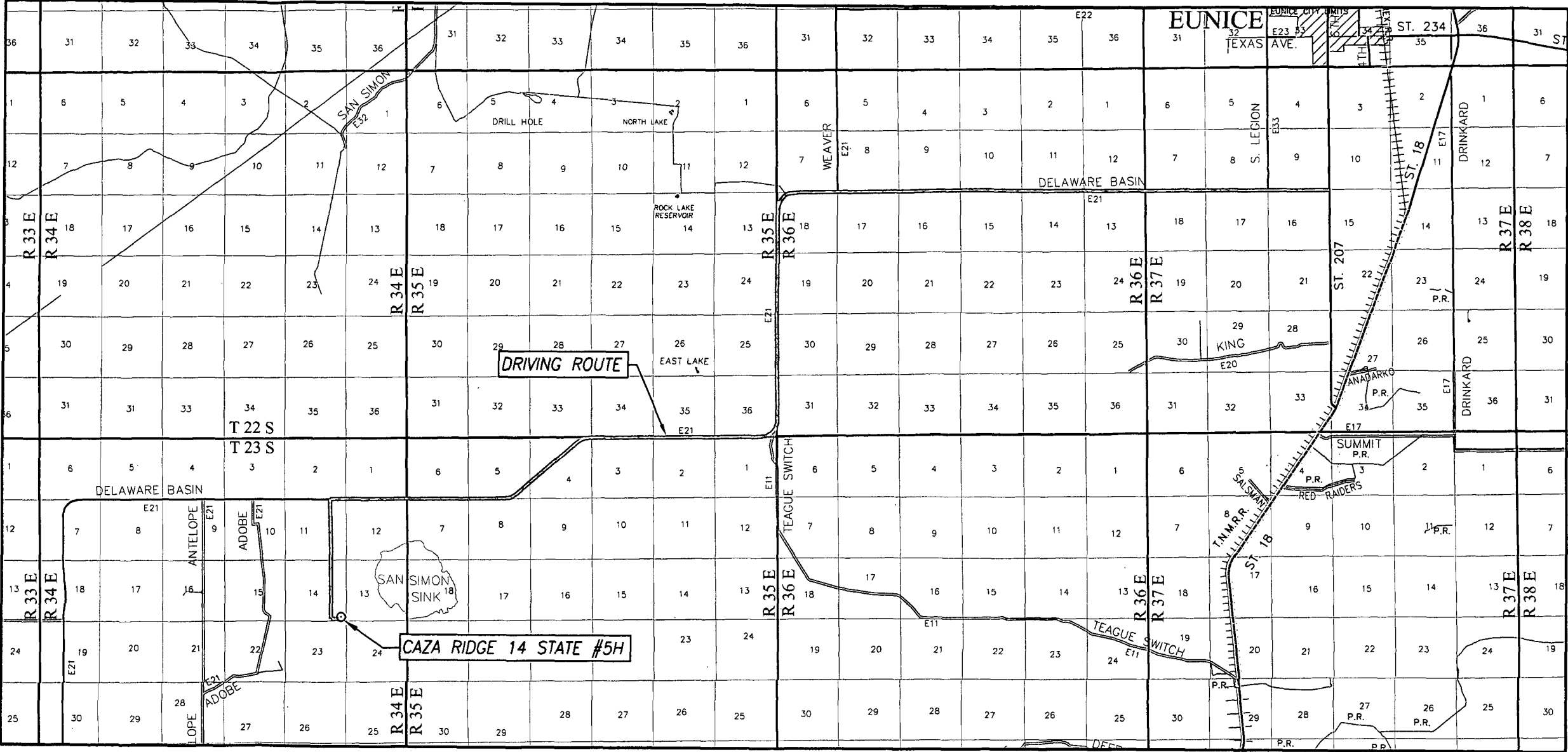
Caza
Petroleum

**Caza Ridge 14 State # 5H
SE/SE Sec 14, T23S, R34E
Lea County, New Mexico**



Note: The Rig and Closed System Company for this well have not been selected thus the set up shown is simply generic.

VICINITY MAP

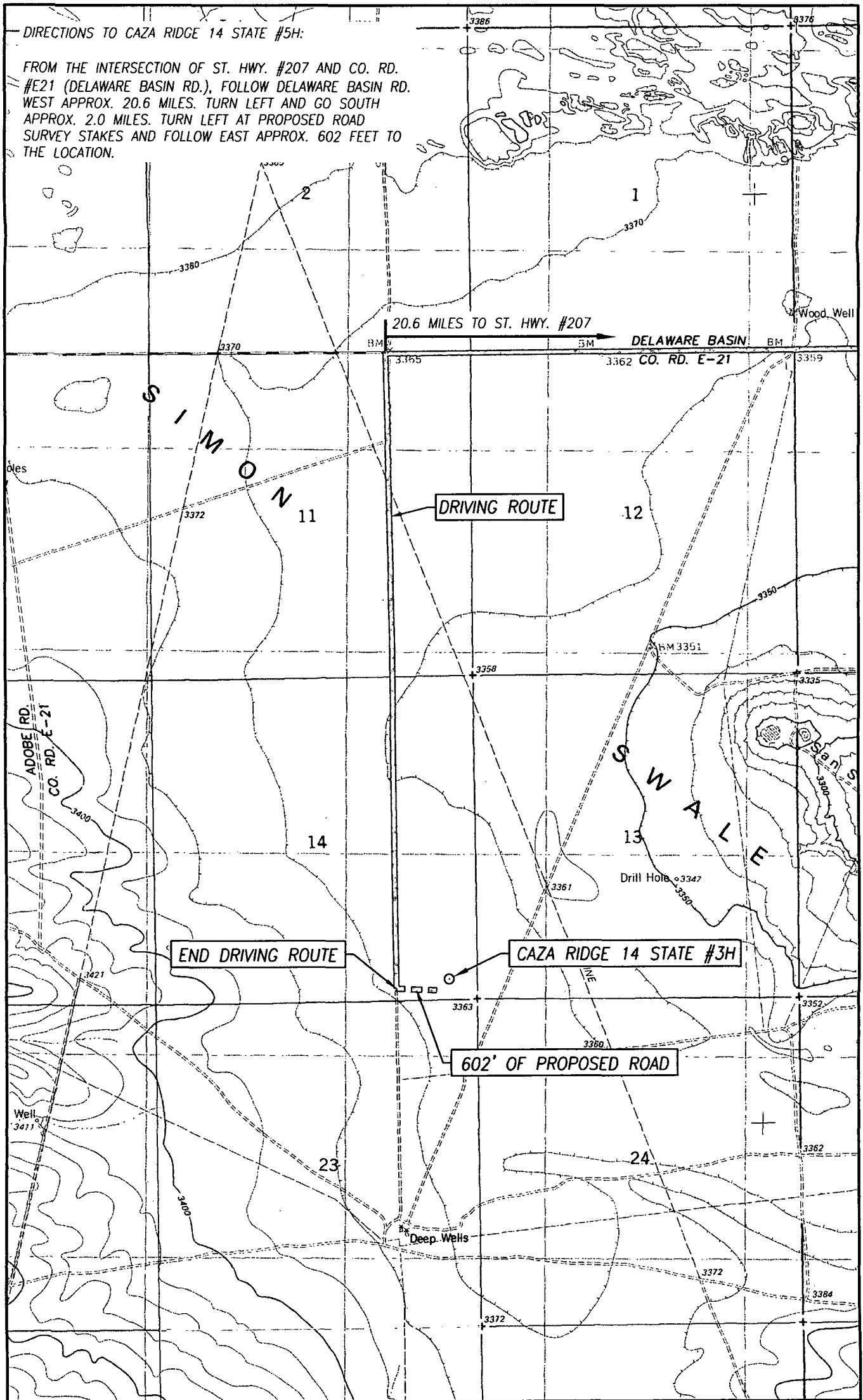


SEC. 14 TWP. 23-S RGE. 34-E
COUNTY LEA STATE NEW MEXICO
DESCRIPTION 330' FSL & 460' FEL
ELEVATION 3365'
OPERATOR CAZA OPERATING, LLC
LEASE CAZA RIDGE 14 STATE

SCALE: 1" = 2 MILES
DRIVING ROUTE: SEE LOCATION VERIFICATION MAP

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

LOCATION VERIFICATION MAP



SEC. 14 TWP. 23-S RGE. 34-E
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 330' FSL & 460' FEL
 ELEVATION 3365'
 OPERATOR CAZA OPERATING, LLC
 LEASE CAZA RIDGE 14 STATE
 U.S.G.S. TOPOGRAPHIC MAP
 SAN SIMON SINK, N.M. SURVEY N.M.P.M.

SCALE: 1" = 2000'

CONTOUR INTERVAL:
 SAN SIMON SINK, N.M. - 10'

PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO HOBBS, N.M. 88240
 (575) 393-3117 www.jwsc.biz
 TBPLS# 10021000