

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **MULTIPLE**
6. If Indian, Allottee or Tribe Name
MULTIPLE

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. MULTIPLE
2. Name of Operator CAZA OPERATING LLC		8. Well Name and No. MULTIPLE
3a. Address 200 N. Loraine Street, Suite 1550, Midland , TX 7	3b. Phone No. (include area code) (432) 682-7424	9. API Well No. MULTIPLE
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) MULTIPLE		10. Field and Pool or Exploratory Area MULTIPLE
		11. Country or Parish, State MULTIPLE

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Caaza proposes to consolidate the two drilling pads into one drilling pad. This will create a smaller footprint and be less wasteful. The SHL of the wells will be moved but stay in the same quarter/quarter. Attached are the new amended C-102's, the new well pad plat and support surface documents. The well plans will not change other than the measured depth setting of casing. The TVD will remain the same. Cement volumes will be adjusted accordingly.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) STEVE MORRIS / Ph: (985) 415-9729	Title Engineer
Signature	Date 03/22/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by CODY LAYTON / Ph: (575) 234-5959 / Approved	Title Assistant Field Manager Lands & I	Date 11/07/2022
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office CARLSBAD

Title 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Batch Well Data

DESERT ROSE 17-8 FEDERAL 13H, US Well Number: 3002550454, Case Number: NMNM86172, Lease Number: NMNM86172,
Operator:CAZA OPERATING LLC

DESERT ROSE 17-8 FEDERAL 14H, US Well Number: 3002550455, Case Number: NMNM86172, Lease Number: NMNM86172,
Operator:CAZA OPERATING LLC

DESERT ROSE 17-8 FEDERAL 3H, US Well Number: 3002547327, Case Number: NMNM132076, Lease Number: NMNM132076,
Operator:CAZA OPERATING LLC

DESERT ROSE 17-8 FEDERAL 4H, US Well Number: 3002547328, Case Number: NMNM132076, Lease Number: NMNM132076,
Operator:CAZA OPERATING LLC

DESERT ROSE 17-8 FEDERAL 2H, US Well Number: 3002547326, Case Number: NMNM132076, Lease Number: NMNM132076,
Operator:CAZA OPERATING LLC

DESERT ROSE 17-8 FEDERAL 12H, US Well Number: 3002547760, Case Number: NMNM86172, Lease Number: NMNM86172,
Operator:CAZA OPERATING LLC

CONFIDENTIAL

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, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47760	² Pool Code 97983	³ Pool Name WC-025 G-08 S203506D; BONE SPRING
⁴ Property Code 317383	⁵ Property Name DESERT ROSE 17-8 FEDERAL	
⁷ OGRID No. 249099	⁸ Operator Name CAZA OPERATING, LLC	⁶ Well Number 12H
⁹ Elevation 3691'		

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	17	20S	35E		260	SOUTH	1375	WEST	LEA

¹¹ 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
K	8	20S	35E		2540	SOUTH	2210	WEST	LEA

¹² Dedicated Acres 240.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 NAD 83, SPCS NM EAST
 A - X: 803053.23' / Y: 573295.13'
 B - X: 803029.52' / Y: 575940.81'
 C - X: 803008.23' / Y: 578582.95'
 D - X: 804328.13' / Y: 578592.03'
 E - X: 804350.60' / Y: 575952.13'
 F - X: 804372.57' / Y: 573305.15'
 G - X: 804394.49' / Y: 570664.67'
 H - X: 803074.02' / Y: 570655.65'

CORNER COORDINATES NAD 27, SPCS NM EAST
 A - X: 761871.96' / Y: 573232.48'
 B - X: 761848.33' / Y: 575878.07'
 C - X: 761827.13' / Y: 578520.13'
 D - X: 763147.00' / Y: 578529.23'
 E - X: 763169.39' / Y: 575889.41'
 F - X: 763191.28' / Y: 573242.51'
 G - X: 763213.11' / Y: 570602.11'
 H - X: 761892.67' / Y: 570593.08'

BOTTOM HOLE LOCATION
 2540' FSL 2210' FWL, SECTION 8
 NAD 83, SPCS NM EAST
 X: 803899.05' / Y: 578488.35'
 LAT: 32.58742606N / LON: 103.48086147W
 NAD 27, SPCS NM EAST
 X: 762717.92' / Y: 578425.55'
 LAT: 32.58730230N / LON: 103.48037345W

LAST TAKE POINT
 2520' FSL 2210' FWL, SECTION 8
 NAD 83, SPCS NM EAST
 X: 803899.20' / Y: 578468.36'
 LAT: 32.58737109N / LON: 103.48086150W
 NAD 27, SPCS NM EAST
 X: 762718.07' / Y: 578405.55'
 LAT: 32.58724733N / LON: 103.48037348W

KICK OFF/FIRST TAKE POINT
 100' FSL 2210' FWL, SECTION 17
 NAD 83, SPCS NM EAST
 X: 803962.75' / Y: 570761.72'
 LAT: 32.56618841N / LON: 103.48085563W
 NAD 27, SPCS NM EAST
 X: 762781.38' / Y: 570699.16'
 LAT: 32.56606464N / LON: 103.48036848W

SURFACE HOLE LOCATION
 260' FSL 1375' FWL, SECTION 17
 NAD 83, SPCS NM EAST
 X: 803126.58' / Y: 570916.00'
 LAT: 32.56663080N / LON: 103.48356558W
 NAD 27, SPCS NM EAST
 X: 761945.24' / Y: 570853.42'
 LAT: 32.56650703N / LON: 103.48307828W

17 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.

Signature: *[Signature]* Date: 3/22/2022

Printed Name: Steve Morris
 E-mail Address: steve.morris@morcorengineering.com

18 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.

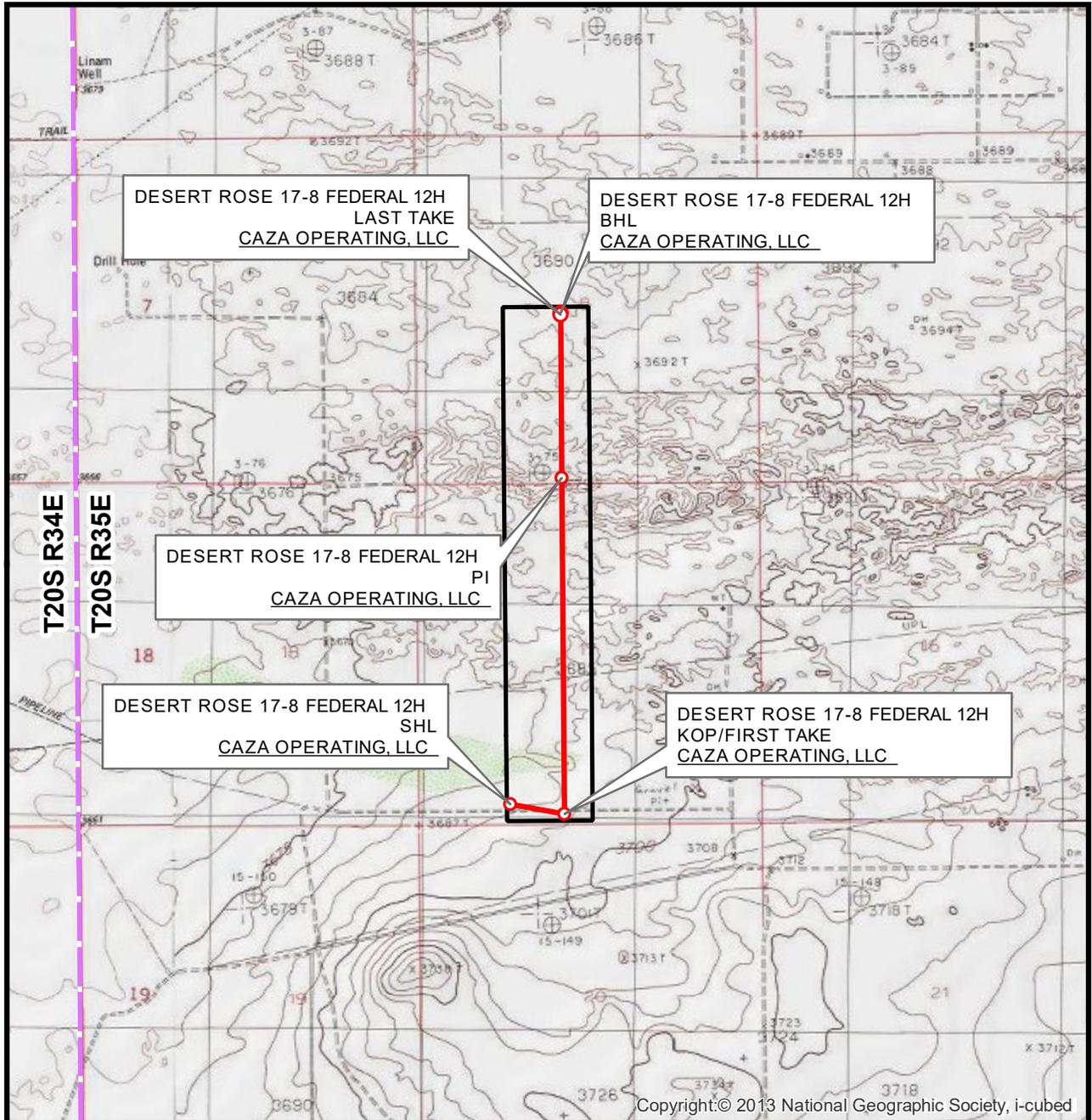
Date of Survey: JANUARY 31, 2022
 Signature and Seal of Professional Surveyor: *[Signature]*

Certificate Number: DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99981205 Convergence Angle: 00°26'57.22001"

Horizontal Spacing Unit

LOCATION VERIFICATION MAP



Copyright: © 2013 National Geographic Society, i-cubed

SEC. 17 TWP. 20-S RGE. 35-E
 SURVEY: N.M.P.M.
 COUNTY: LEA
 OPERATOR: CAZA OPERATING, LLC
 DESCRIPTION: 260' FSL & 1375' FWL
 ELEVATION: 3691'
 LEASE: DESERT ROSE 17-8 FEDERAL
 U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW, NM.

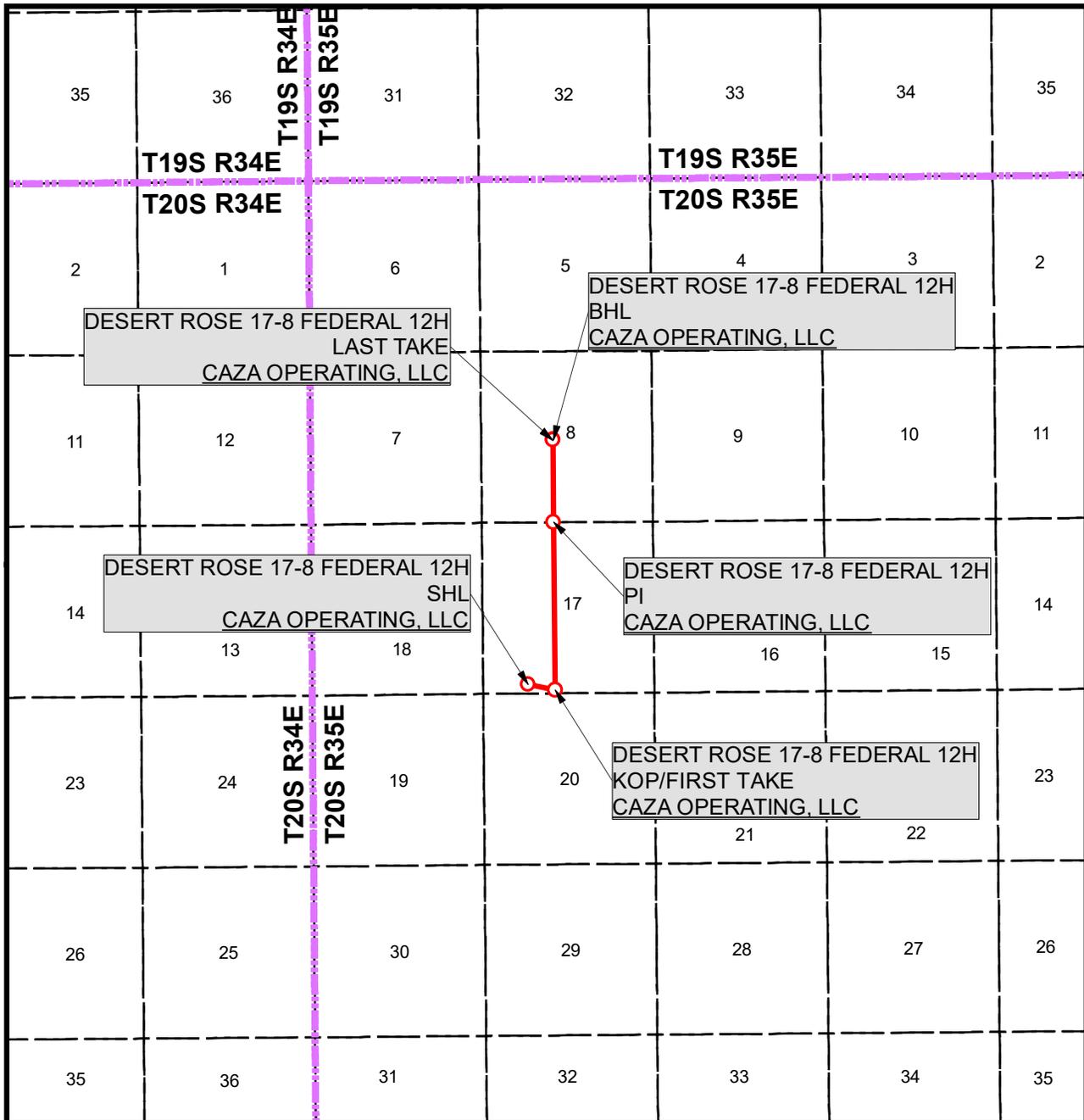
1" = 2,500'
 CONTOUR INTERVAL = 5'



SHEET 2 OF 3

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 510 TRENTON ST., UNIT B, WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. R4032_001

VICINITY MAP



SEC. 17 TWP. 20-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: CAZA OPERATING, LLC

DESCRIPTION: 260' FSL & 1375' FWL

ELEVATION: 3691'

LEASE: DESERT ROSE 17-8 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW, NM.

1" = 1 MILE

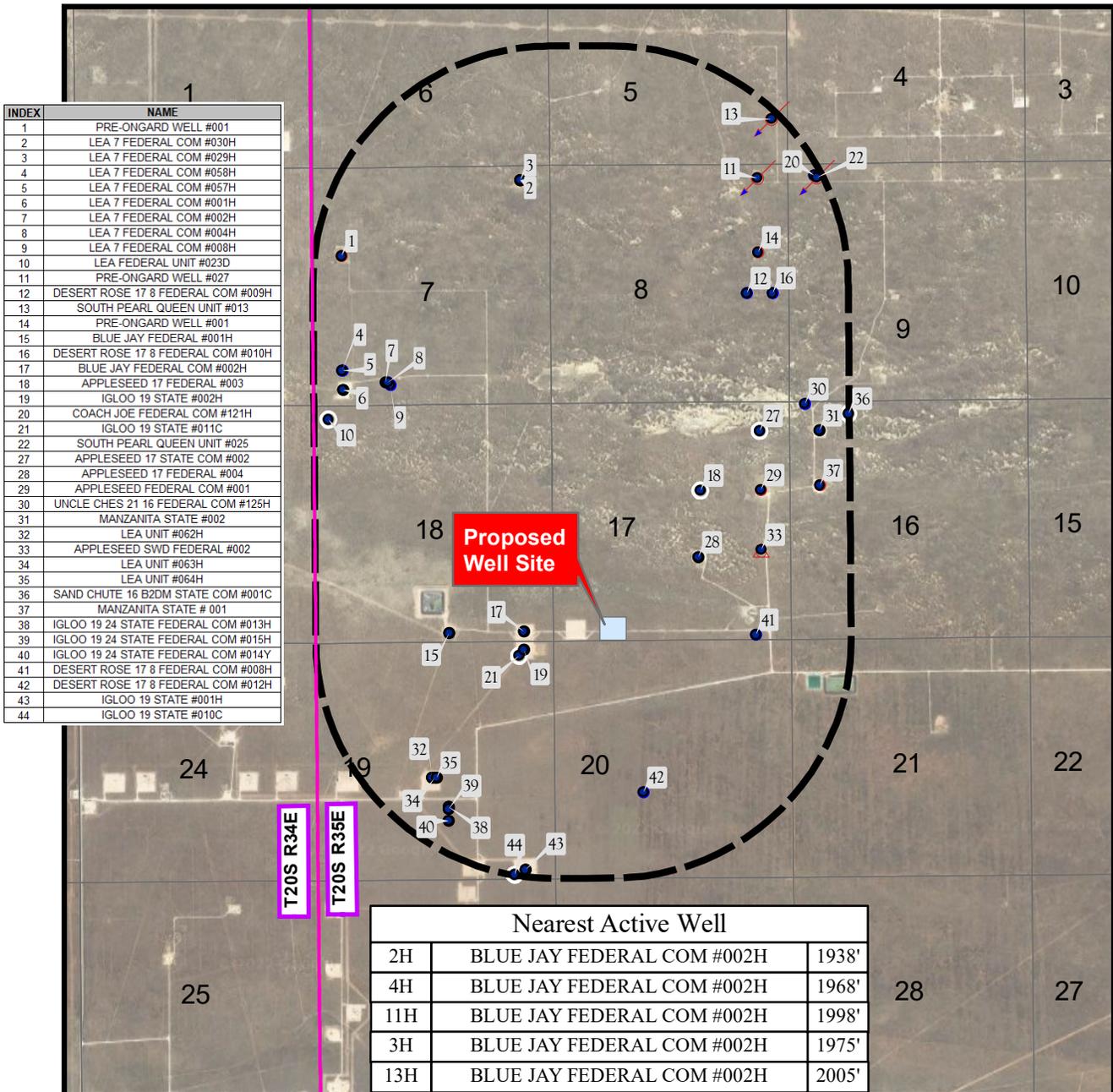


SHEET 3 OF 3

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 510 TRENTON ST., UNIT B, WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. R4032_001

ONE-MILE RADIUS MAP

DESERT ROSE 17-8 FEDERAL (WEST)
 SEC. 17 TWP. 20-S RGE. 35-E
 SURVEY: N.M.P.M.
 COUNTY: LEA
 OPERATOR: CAZA OPERATING, LLC
 U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW, NM.



INDEX	NAME
1	PRE-ONGARD WELL #001
2	LEA 7 FEDERAL COM #030H
3	LEA 7 FEDERAL COM #029H
4	LEA 7 FEDERAL COM #058H
5	LEA 7 FEDERAL COM #057H
6	LEA 7 FEDERAL COM #001H
7	LEA 7 FEDERAL COM #002H
8	LEA 7 FEDERAL COM #004H
9	LEA 7 FEDERAL COM #008H
10	LEA FEDERAL UNIT #023D
11	PRE-ONGARD WELL #027
12	DESERT ROSE 17 8 FEDERAL COM #009H
13	SOUTH PEARL QUEEN UNIT #013
14	PRE-ONGARD WELL #001
15	BLUE JAY FEDERAL #001H
16	DESERT ROSE 17 8 FEDERAL COM #010H
17	BLUE JAY FEDERAL COM #002H
18	APPLESEED 17 FEDERAL #003
19	IGLOO 19 STATE #002H
20	COACH JOE FEDERAL COM #121H
21	IGLOO 19 STATE #011C
22	SOUTH PEARL QUEEN UNIT #025
27	APPLESEED 17 STATE COM #002
28	APPLESEED 17 FEDERAL #004
29	APPLESEED FEDERAL COM #001
30	UNCLE CHES 21 16 FEDERAL COM #125H
31	MANZANITA STATE #002
32	LEA UNIT #062H
33	APPLESEED SWD FEDERAL #002
34	LEA UNIT #063H
35	LEA UNIT #064H
36	SAND CHUTE 16 B2DM STATE COM #001C
37	MANZANITA STATE # 001
38	IGLOO 19 24 STATE FEDERAL COM #013H
39	IGLOO 19 24 STATE FEDERAL COM #015H
40	IGLOO 19 24 STATE FEDERAL COM #014Y
41	DESERT ROSE 17 8 FEDERAL COM #008H
42	DESERT ROSE 17 8 FEDERAL COM #012H
43	IGLOO 19 STATE #001H
44	IGLOO 19 STATE #010C

Nearest Active Well		
2H	BLUE JAY FEDERAL COM #002H	1938'
4H	BLUE JAY FEDERAL COM #002H	1968'
11H	BLUE JAY FEDERAL COM #002H	1998'
3H	BLUE JAY FEDERAL COM #002H	1975'
13H	BLUE JAY FEDERAL COM #002H	2005'
12H	BLUE JAY FEDERAL COM #002H	2035'
14H	BLUE JAY FEDERAL COM #002H	2065'

REV 0 SPT 2/7/2022

1" = 3,583'

- | | | | | | | | |
|--------------------|---------------|--|--------------------|--|---------------------------------|--|-------------------------------|
| Proposed Well Pad | | | Gas, Active | | Salt Water Injection, Cancelled | | Salt Water Injection, New |
| Arch Survey Limits | | | Gas, Cancelled | | Injection, Abandoned | | Salt Water Injection, Plugged |
| Section Line | | | Gas, New | | Oil, Active | | Water, Active |
| | CO2 Active | | Gas, Plugged | | Oil, Cancelled | | Water, Plugged |
| | CO2 Cancelled | | Gas, Abandoned | | Oil, New | | |
| | CO2, Plugged | | Injection, Active | | Oil, Plugged | | |
| | | | Injection, New | | Oil, Abandoned | | |
| | | | Injection, Plugged | | Salt Water Injection, Active | | |



SHEET 1 OF 6

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 510 TRENTON ST., UNIT B,
 WEST MONROE, LA 71291
 318-323-6900 OFFICE
 JOB No. R4032_001

WELL PAD PLAT

DESERT ROSE 17-8 FEDERAL (WEST)

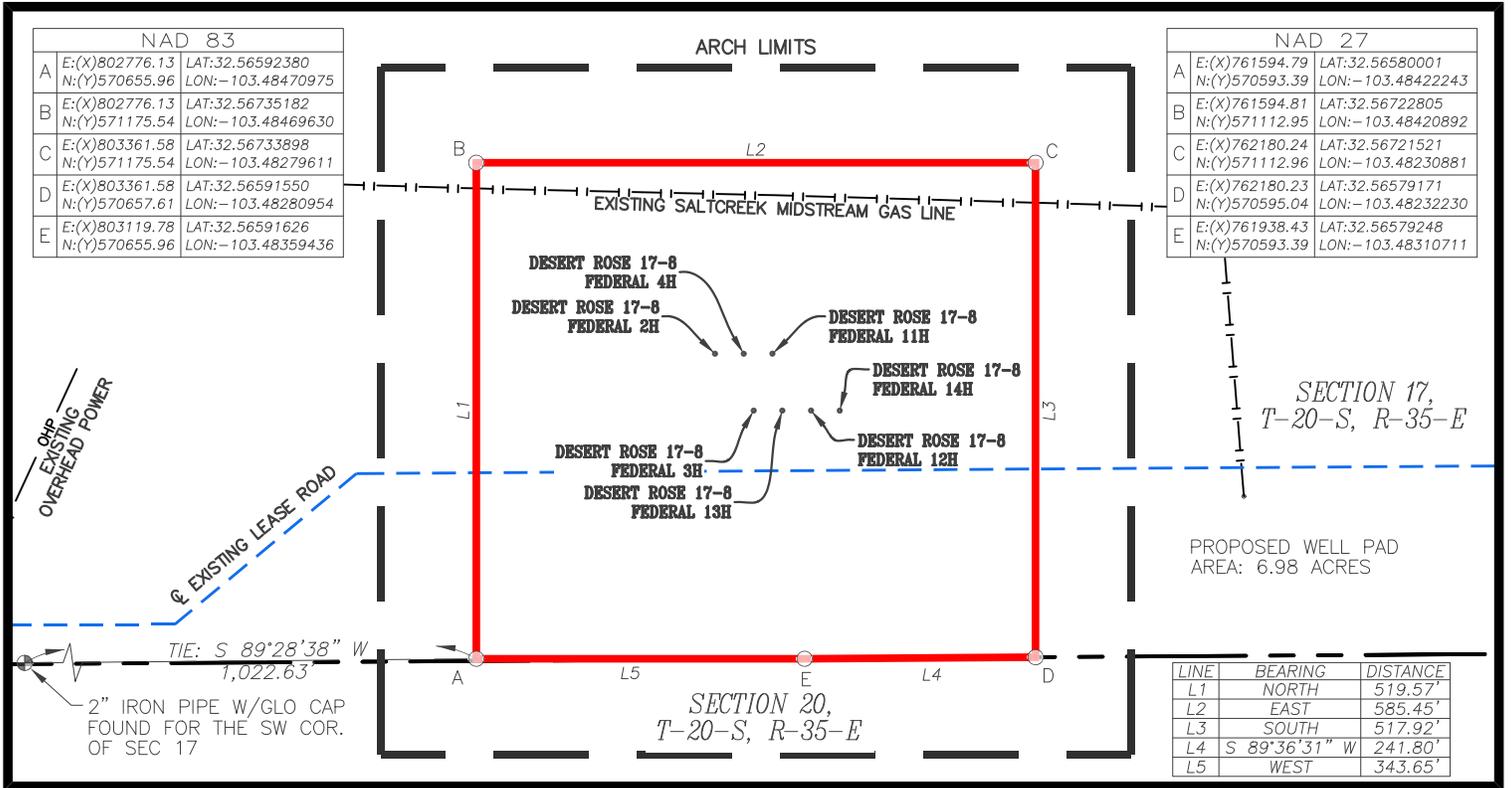
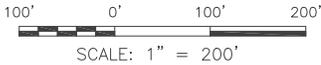
SEC. 17 TWP. 20-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: CAZA OPERATING, LLC

U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW N.M.



FIELD NOTES DESCRIBING

A tract of land being 6.98 acres. Said tract being located in Section 17, Township 20 South, Range 35 East, New Mexico Principal Meridian, Lea County, New Mexico.

Being more particularly described by metes and bounds as follows:

BEGINNING at a point from which a 2 inch pipe with a GLO cap found for the Southwest corner of said Section 17 bears S 89°28'38" W a distance of 1,022.63 feet.

THENCE
 NORTH a distance of 519.57 feet, EAST a distance of 585.45 feet.
 SOUTH a distance of 517.92 feet, S 89°36'31" W a distance of 241.80 feet and
 WEST a distance of 343.65 feet to the **PLACE OF BEGINNING**.

The total area of the herein described tract in said Section 17 contains 6.98 acres of land.

All bearings and coordinates refer to NAD 83, New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet. (All bearings, distances, coordinates and areas are based on grid measurements utilizing a combined scale factor of 0.99981205, convergence angle of 0.44922778°.)

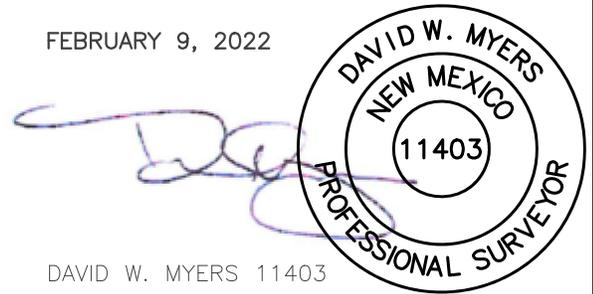
Title information furnished by Caza Operating, LLC.

Reference accompanying Certificate of Survey prepared in conjunction with this legal description for easement.

STATE OF NEW MEXICO
 COUNTY OF LEA

I, David W. Myers, New Mexico Professional Surveyor No. 11403, do hereby certify that this easement survey plat and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that I am responsible for this survey; that this survey meets the minimum standards for surveying in New Mexico; and that it is true and correct to the best of my knowledge and belief. I further certify that this survey is not a land division or subdivision as defined in the New Mexico Subdivision Act and that this instrument is an easement survey plat crossing an existing tract or tracts.

FEBRUARY 9, 2022



DAVID W. MYERS 11403

LEGEND P.D.B. PLACE OF BEGINNING

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- ARCH LIMITS
- FENCE
- SECTION LINE
- EDGE OF ROAD
- DITCH
- HIGHWAY R.O.W.

R4032_001

PLAT FOR A SURFACE SITE ON THE PROPERTY OF	
PEARL VALLEY LIMITED PARTNERSHIP	
LEA COUNTY, NEW MEXICO	
REV.	DATE
SHEET 2 OF 6	510 TRENTON ST., UNIT B
DRAWN BY: JCS	WEST MONROE, LA 71291
DATE: 02/02/2022	(318) 323-6900
CHECKED BY: MWS	FAX (318) 362-0064

WELL PAD PLAT

DESERT ROSE 17-8 FEDERAL (WEST)

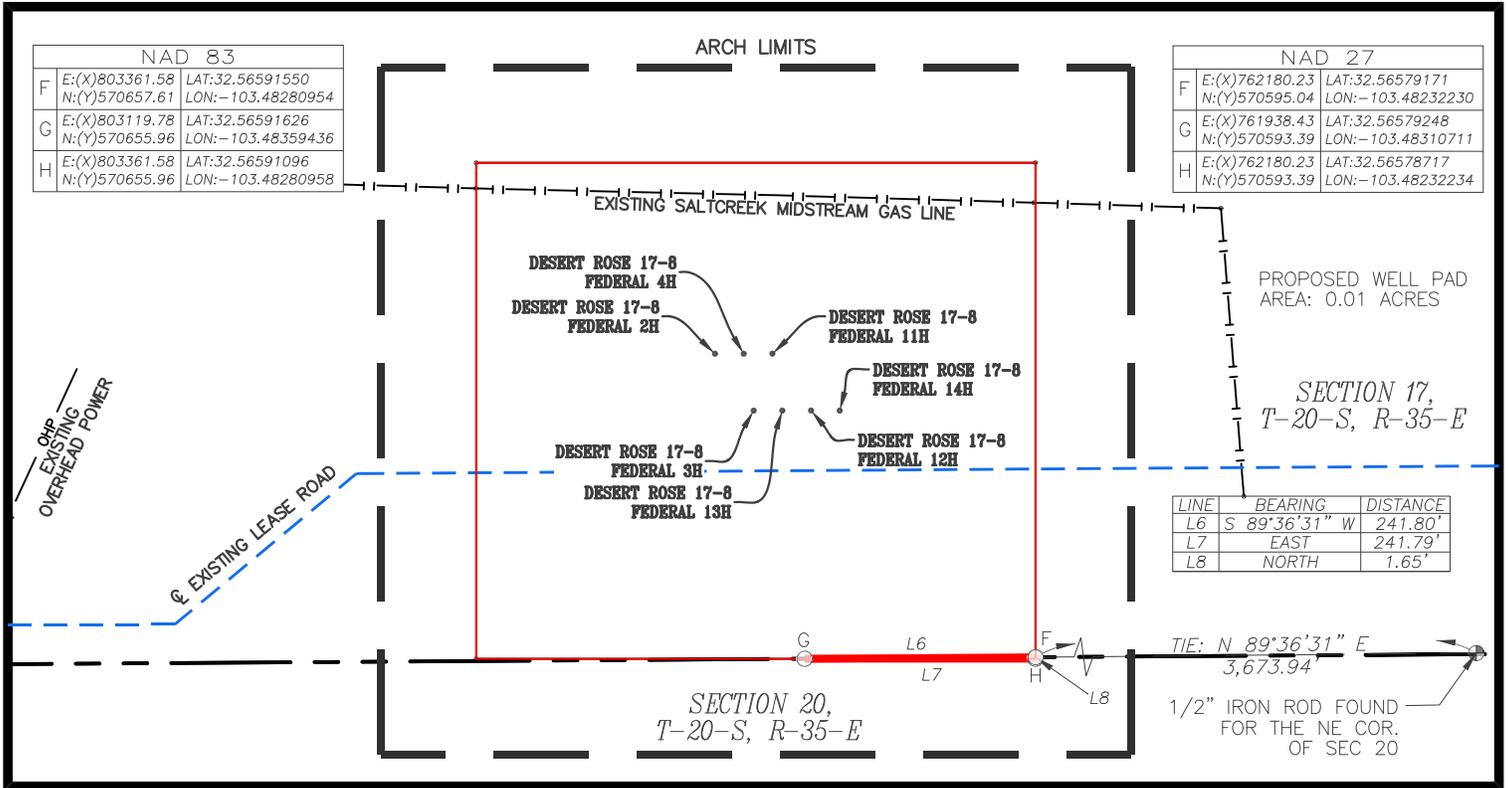
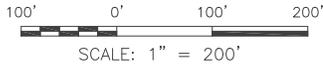
SEC. 17 TWP. 20-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: MARATHON OIL PERMIAN LLC

U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW N.M.



NAD 83	
F	E:(X)803361.58 LAT:32.56591550 N:(Y)570657.61 LON:-103.48280954
G	E:(X)803119.78 LAT:32.56591626 N:(Y)570655.96 LON:-103.48359436
H	E:(X)803361.58 LAT:32.56591096 N:(Y)570655.96 LON:-103.48280958

NAD 27	
F	E:(X)762180.23 LAT:32.56579171 N:(Y)570595.04 LON:-103.48232230
G	E:(X)761938.43 LAT:32.56579248 N:(Y)570593.39 LON:-103.48310711
H	E:(X)762180.23 LAT:32.56578717 N:(Y)570593.39 LON:-103.48232234

LINE	BEARING	DISTANCE
L6	S 89°36'31" W	241.80'
L7	EAST	241.79'
L8	NORTH	1.65'

FIELD NOTES DESCRIBING

A tract of land being 0.01 acres. Said tract being located in Section 20, Township 20 South, Range 35 East, New Mexico Principal Meridian, Lea County, New Mexico.

Being more particularly described by metes and bounds as follows:

BEGINNING at a point from which a 1/2 inch iron pipe found for the Northeast corner of said Section 20 bears N 89°36'31" E a distance of 3,673.94 feet.

THENCE S 89°36'31" W a distance of 241.80 feet, EAST a distance of 241.79 feet and NORTH a distance of 1.65 feet to the **PLACE OF BEGINNING**.

The total area of the herein described tract in said Section 20 contains 0.01 acres of land.

All bearings and coordinates refer to NAD 83, New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet. (All bearings, distances, coordinates and areas are based on grid measurements utilizing a combined scale factor of 0.99981205, convergence angle of 0.44922778°.)

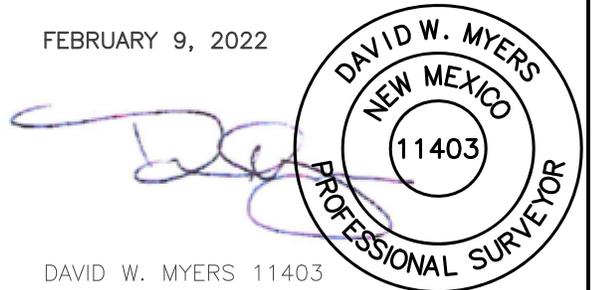
Title information furnished by Caza Operating, LLC.

Reference accompanying Certificate of Survey prepared in conjunction with this legal description for easement.

STATE OF NEW MEXICO
COUNTY OF LEA

I, David W. Myers, New Mexico Professional Surveyor No. 11403, do hereby certify that this easement survey plat and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that I am responsible for this survey; that this survey meets the minimum standards for surveying in New Mexico; and that it is true and correct to the best of my knowledge and belief. I further certify that this survey is not a land division or subdivision as defined in the New Mexico Subdivision Act and that this instrument is an easement survey plat crossing an existing tract or tracts.

FEBRUARY 9, 2022



DAVID W. MYERS 11403

PLAT FOR A SURFACE SITE ON THE PROPERTY OF
PEARL VALLEY LIMITED PARTNERSHIP
LEA COUNTY, NEW MEXICO

LEGEND	
	P.D.B. PLACE OF BEGINNING
	EXISTING ROAD
	PROPOSED ROAD
	SURFACE SITE EDGE
	EXIST. PIPELINE
	MONUMENT
	QUARTER SPLIT
	ARCH LIMITS
	FENCE
	SECTION LINE
	EDGE OF ROAD
	DITCH
	HIGHWAY R.O.W.

R4032_001

REV.	DATE	DESCRIPTION	BY	CHKD.
SHEET 3 OF 6				
DRAWN BY: JCS				
DATE: 02/02/2022				
CHECKED BY: MWS				



510 TRENTON ST., UNIT B
WEST MONROE, LA 71291
(318) 323-6900
FAX (318) 362-0064

WELL LOCATION MAP

DESERT ROSE 17-8 FEDERAL (WEST)

SEC. 17 TWP. 20-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: CAZA OPERATING, LLC

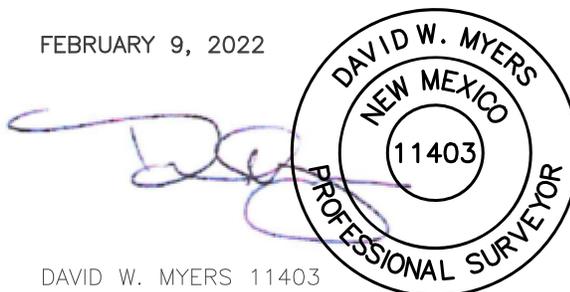
U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW N.M.



<p>DESERT ROSE 17-8 FEDERAL 2H CAZA OPERATING, LLC 320' FSL 1275' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803026.13' / Y: 570975.54' LAT: 32.56679665N / LON: 103.48389006W NAD 27, SPCS NM EAST X: 761844.79' / Y: 570912.96' LAT: 32.56667287N / LON: 103.48340274W ELEVATION = 3,689'</p>	<p>DESERT ROSE 17-8 FEDERAL 4H CAZA OPERATING, LLC 320' FSL 1305' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803056.13' / Y: 570975.54' LAT: 32.56679599N / LON: 103.48379268W NAD 27, SPCS NM EAST X: 761874.79' / Y: 570912.96' LAT: 32.56667221N / LON: 103.48330537W ELEVATION = 3,690'</p>	<p>DESERT ROSE 17-8 FEDERAL 11H CAZA OPERATING, LLC 320' FSL 1335' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803086.13' / Y: 570975.54' LAT: 32.56679533N / LON: 103.48369531W NAD 27, SPCS NM EAST X: 761904.79' / Y: 570912.96' LAT: 32.56667155N / LON: 103.48320800W ELEVATION = 3,690'</p>	
<p>DESERT ROSE 17-8 FEDERAL 3H CAZA OPERATING, LLC 260' FSL 1315' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803066.57' / Y: 570915.96' LAT: 32.56663203N / LON: 103.48376033W NAD 27, SPCS NM EAST X: 761885.24' / Y: 570853.39' LAT: 32.56650825N / LON: 103.48327302W ELEVATION = 3,691'</p>	<p>DESERT ROSE 17-8 FEDERAL 13H CAZA OPERATING, LLC 260' FSL 1345' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803096.58' / Y: 570916.03' LAT: 32.56663155N / LON: 103.48366295W NAD 27, SPCS NM EAST X: 761915.24' / Y: 570853.45' LAT: 32.56650778N / LON: 103.48317565W ELEVATION = 3,691'</p>	<p>DESERT ROSE 17-8 FEDERAL 12H CAZA OPERATING, LLC 260' FSL 1375' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803126.58' / Y: 570916.00' LAT: 32.56663080N / LON: 103.48356558W NAD 27, SPCS NM EAST X: 761945.24' / Y: 570853.42' LAT: 32.56650703N / LON: 103.48307828W ELEVATION = 3,691'</p>	<p>DESERT ROSE 17-8 FEDERAL 14H CAZA OPERATING, LLC 260' FSL 1405' FWL, SECTION 17 NAD 83, SPCS NM EAST X: 803156.58' / Y: 570915.96' LAT: 32.56663005N / LON: 103.48346821W NAD 27, SPCS NM EAST X: 761975.24' / Y: 570853.39' LAT: 32.56650628N / LON: 103.48298091W ELEVATION = 3,691'</p>

NOTE:
THIS IS NOT A BOUNDARY SURVEY,
APPARENT PROPERTY CORNERS AND
PROPERTY LINES ARE SHOWN FOR
INFORMATION ONLY. BOUNDARY DATA SHOWN
IS FROM STATE OF NEW MEXICO OIL
CONSERVATION DIVISION FORM C-102
INCLUDED IN THIS SUBMITTAL.

FEBRUARY 9, 2022



DAVID W. MYERS 11403

SHEET 5 OF 6

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST., UNIT B,
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4032_001

VICINITY AND EXISTING ROADS MAP

DESERT ROSE 17-8 FEDERAL (WEST)

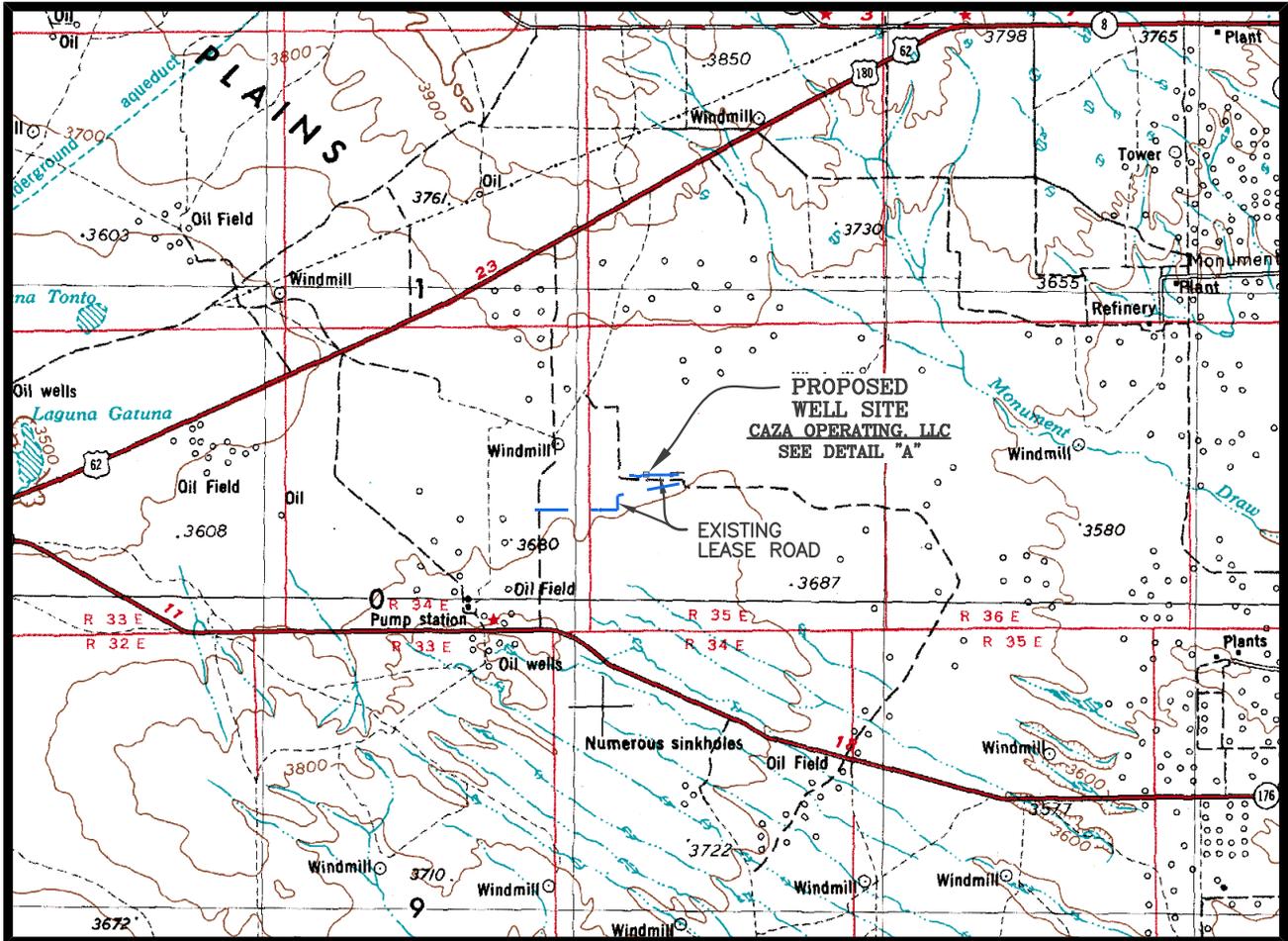
SEC. 17 TWP. 20-S RGE. 35-E

SURVEY: N.M.P.M.

COUNTY: LEA

OPERATOR: CAZA OPERATING, LLC

U.S.G.S. TOPOGRAPHIC MAP: MONUMENT SW N.M.



DETAIL A
N.T.S.

SCALE: 1" = 20,000'
CONTOUR INTERVAL = 100'

DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF HIGHWAY 62-180 AND H27 (MARATHON ROAD), GO SOUTH ON MARATHON ROAD APPROXIMATELY 5.6 MILES, TURN LEFT AND GO EAST ON CALICHE ROAD APPROXIMATELY 1.6 MILES; TURN LEFT AND GO NORTH FOR APPROXIMATELY 0.3 MILES. ROAD BENDS RIGHT, CONTINUE EAST-NORTHEAST APPROXIMATELY 1.3 MILES; TURN LEFT AND GO NORTH APPROXIMATELY 0.2 MILES; TURN LEFT AND GO WEST APPROXIMATELY 0.6 MILES TO THIS PAD LOCATION.

SHEET 6 OF 6

PREPARED BY:
R-SQUARED GLOBAL, LLC
510 TRENTON ST., UNIT B,
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. R4032_001

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District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 157578

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 157578
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	11/23/2022