

Submit 1 Copy To Appropriate District
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-42733
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CASS 16 STATE
8. Well Number 2H
9. OGRID Number 160825
10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

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
MARATHON OIL PERMIAN, LLC

3. Address of Operator
5555 SAN FELIPE STREET, HOUSTON, TX 77056

4. Well Location

Unit Letter H : 1650 feet from the NORTH line and 240 feet from the EAST line
Section 17 Township 23S Range 27E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 ☐
CLOSED-LOOP SYSTEM ☐
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.

MARATHON OIL PERMIAN, LLC RESPECTFULLY REQUESTS TO CHANGE THE SURFACE HOLE LOCATION

FROM: 1650' FNL & 240' FEL
TO: 1649' FNL & 315' FEL

NM OIL CONSERVATION
ARTESIA DISTRICT
JUL 13 2017
RECEIVED

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 [Signature] TITLE REGULATORY COMPLIANCE REP DATE 7-12-2017

Type or print name MELISSA SZUDERA E-mail address: MSZUDERA@MARATHONOIL.COM PHONE: 701-260-7272

For State Use Only

APPROVED BY: [Signature] TITLE Geologist DATE 7-14-17
Conditions of Approval (if any):

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

JUL 13 2017

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42733	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 313797	⁵ Property Name CASS 16 STATE	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 3164

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
H	17	T23S	R27E		1649'	NORTH	315'	EAST	EDDY

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
A	16	T23S	R27E		993'	NORTH	240'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320.00			

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.

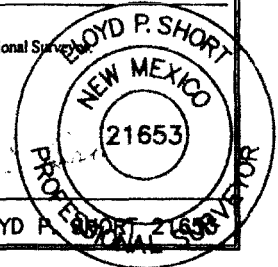
<p>¹⁶</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location 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.</p> <p>Signature: <i>Melissa Szudera</i> Date: 7/13/17</p> <p>Printed Name: Melissa Szudera</p> <p>E-mail Address: mszudera@marathonoil.com</p>
<p>SURFACE HOLE LOCATION 1649' FNL 315' FEL NAD 83, SPCS NM EAST X581110.14' / Y475666.20' LATG2.30761377N / LDM04.20459795V NAD 83, SPCS NM EAST X539928.05' / Y475667.36' LATG2.30749487N / LDM04.20409787V</p> <p>FIRST TAKE POINT 993' FNL 330' FVL NAD 83, SPCS NM EAST X581733.35' / Y476333.35' LATG2.30944953N / LDM04.20251260V NAD 83, SPCS NM EAST X540571.50' / Y476274.49' LATG2.30932661N / LDM04.20201255V</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 477316.50' / X: 581420.97' B - Y: 477486.36' / X: 586707.24' C - Y: 474772.99' / X: 586713.58' D - Y: 474661.31' / X: 581428.04'</p>		<p>LAST TAKE POINT 993' FNL 330' FEL NAD 83, SPCS NM EAST X586379.57' / Y476482.31' LATG2.30983061N / LDM04.18753041V NAD 83, SPCS NM EAST X545197.42' / Y476423.39' LATG2.30971948N / LDM04.18763891V</p> <p>BOTTOM HOLE LOCATION 993' FNL 240' FEL NAD 83, SPCS NM EAST X586469.36' / Y476485.21' LATG2.30984624N / LDM04.18724710V NAD 83, SPCS NM EAST X545287.41' / Y476486.29' LATG2.30972710N / LDM04.18674761V</p> <p>CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 477257.62' / X: 540238.91' B - Y: 477427.41' / X: 545525.10' C - Y: 474714.11' / X: 545331.33' D - Y: 474682.50' / X: 540245.92'</p>

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.

JULY 13, 2017

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number
LLOYD P. SHORT 21653

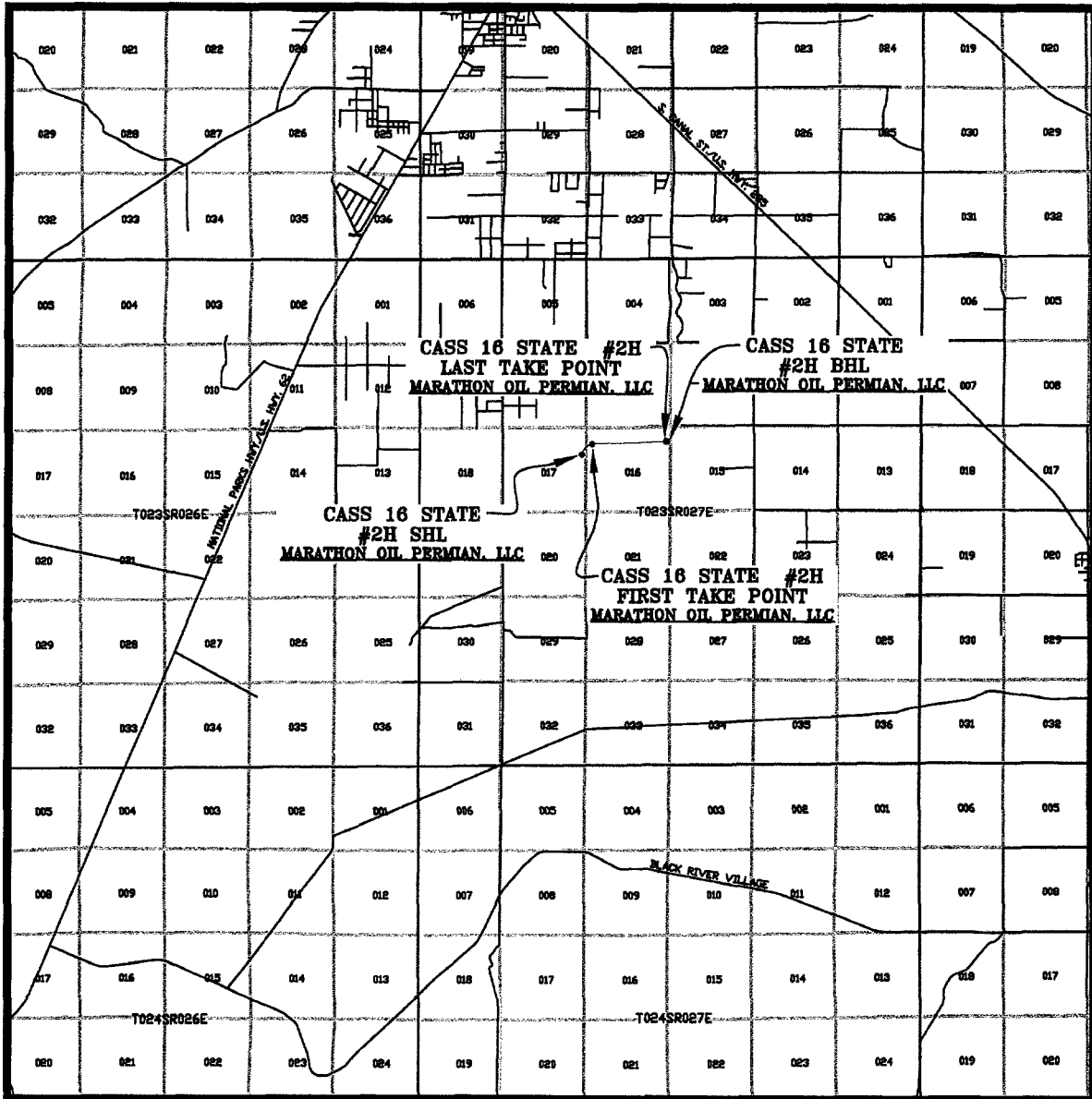
RWP - 7.14.17

[illegible]

SCALE: 1" = 2000'
CONTOUR INTERVAL = 5'

PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-6900 OFFICE
JOB No. R3751_001

VICINITY MAP



SEC. 17 TWP. 23-S RGE. 27-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 1649 FNL & 315' FEL
 ELEVATION: 3164'
 OPERATOR: MARATHON OIL PERMIAN, LLC
 LEASE: CASS 16 STATE
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2 MILES

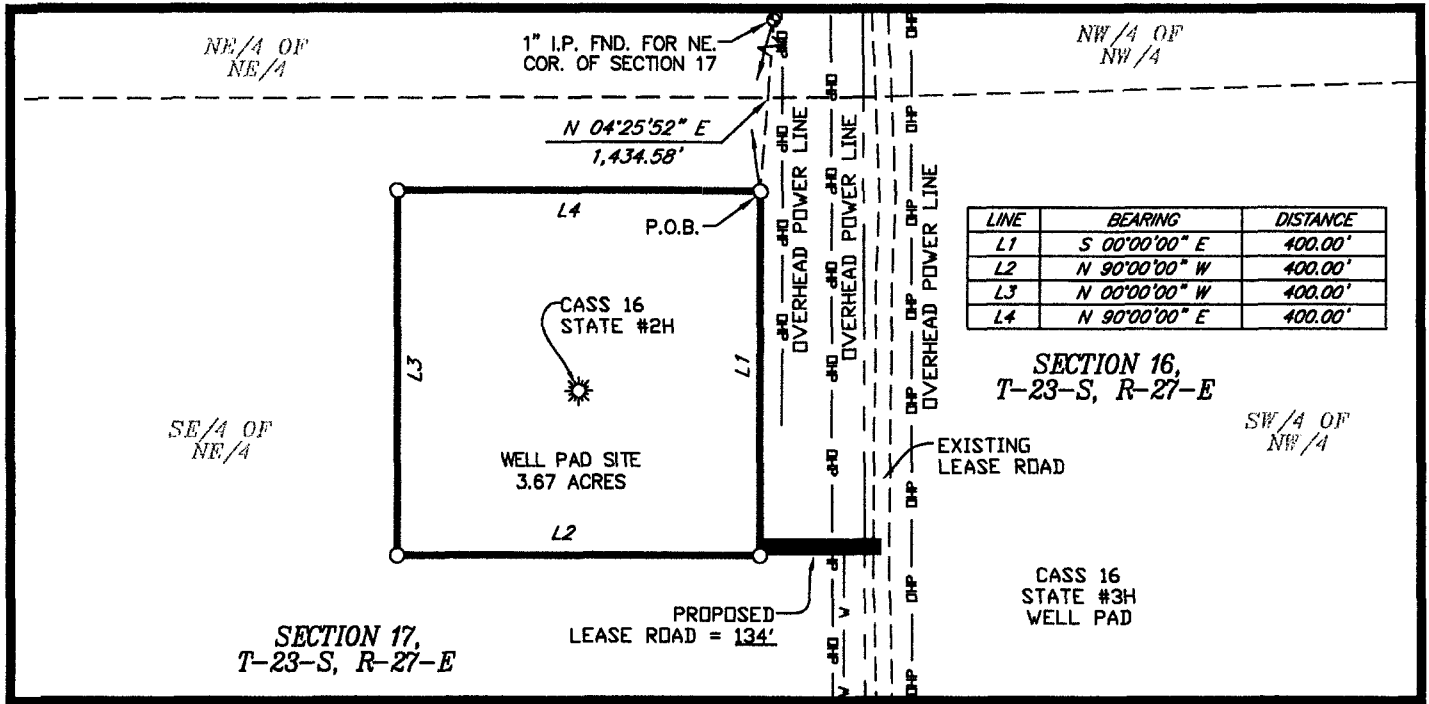
PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-8900 OFFICE
 JOB No. R3751_001

WELL PAD SURFACE



100' 0' 100' 200'
SCALE: 1" = 200'

SEC. 17 TWP. 23-S RGE. 27-E
SURVEY: N.M.P.M.
COUNTY: EDDY
U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.



FIELD NOTES DESCRIBING

A tract of land being 3.67 acres. Said tract being located in Section 17, Township 23 South, Range 27 East, New Mexico Principal Meridian, Eddy County, New Mexico.

Being more particularly described by metes and bounds as follows:

BEGINNING at a point from which a 1 inch iron pipe found for the Northeast corner of said Section 17 bears, N 04°25'52" E a distance of 1,434.58 feet.

THENCE

S 00°00'00" E a distance of 400.00 feet to the Southeast corner of this tract, and
N 90°00'00" W a distance of 400.00 feet to the Southwest corner of this tract, and
N 00°00'00" W a distance of 400.00 feet to the Northwest corner of this tract, and
N 90°00'00" E a distance of 400.00 feet to the **POINT OF BEGINNING**.

The total area of the herein described tract contains 3.67 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 and distances are grid measurements.)

Title information furnished by Marathon Oil Permian, LLC.

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

STATE OF NEW MEXICO
COUNTY OF EDDY

I, Lloyd P. Short, New Mexico Professional Surveyor No. 21653, 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.



LLOYD P. SHORT, PS No. 21653 DATE: JULY 13, 2017

Lloyd P. Short

Marathon Oil
Permian LLC

PLAT FOR A SURFACE SITE ON THE PROPERTY OF
STATE OF NEW MEXICO
EDDY COUNTY, NEW MEXICO

BASIS OF BEARING
ALL BEARINGS AND
COORDINATES REFER TO NAD
83, NEW MEXICO STATE PLANE
COORDINATE SYSTEM, EAST
ZONE, U.S. SURVEY FEET. (ALL
BEARINGS AND DISTANCES ARE
GRID MEASUREMENTS.)

LEGEND P.O.B. POINT OF BEGINNING

R3751_001

--- PROP. LEASE RD. ---
--- LOT LINE --- x --- x ---
--- SURFACE SITE EDGE ---
--- EXIST. PIPELINE --- DHP ---
● MONUMENT ● POWER POLE ● QUARTER SPLIT

--- ARC LIMITS
--- FENCE
--- SECTION LINE
--- OVERHEAD POWER

2	06/12/2017	PAD RE-LOCATED	DEF	LPS
REV.	DATE	DESCRIPTION	BY	CHKD
SHEET 4 OF 7				
DRAWN BY: DEF				
DATE: 08/23/2016				
CHECKED BY: LPS				

1309 LOUISVILLE AVE.
MONROE, LA 71201
(318) 323-6900
FAX (318) 362-0064

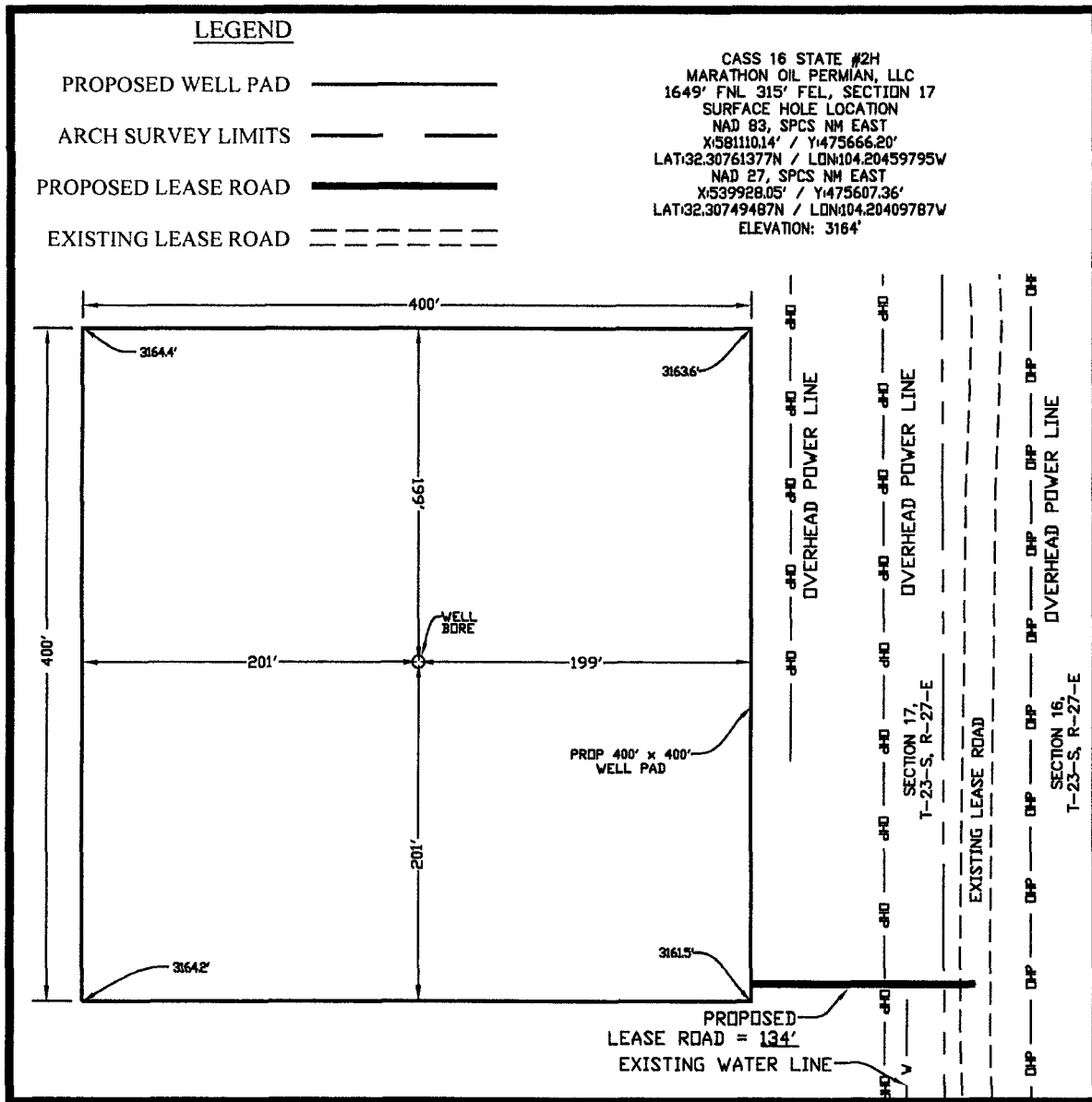
WELL PAD TOPO

SEC. 17 TWP. 23-S RGE. 27-E

SURVEY: N.M.P.M.

COUNTY: EDDY

U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.



DIRECTIONS TO LOCATION:

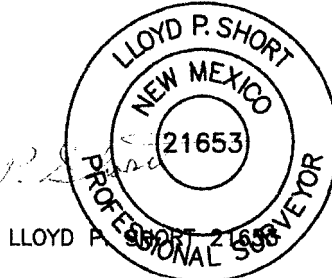
FROM THE INTERSECTION OF U.S. HIGHWAY 62/WEST GREENE STREET AND U.S. 180 W./U.S. 62 W./S. CANAL STREET IN CARLESBAD, NEW MEXICO, TRAVEL SOUTH ON U.S. 62 W./S. CANAL STREET FOR 2.3 MILES TO OLD CAVERN HWY. ON THE LEFT. TRAVEL SOUTH ON OLD CAVERN HWY. FOR 5.3 MILES TO LEASE ROAD ON THE LEFT. TRAVEL EAST ON LEASE ROAD FOR 1.0 MILE TO LEASE ROAD ON THE RIGHT. TRAVEL SOUTH ON LEASE ROAD FOR 0.2 MILES TO PROPOSED WELL 330 FEET TO THE RIGHT.

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.

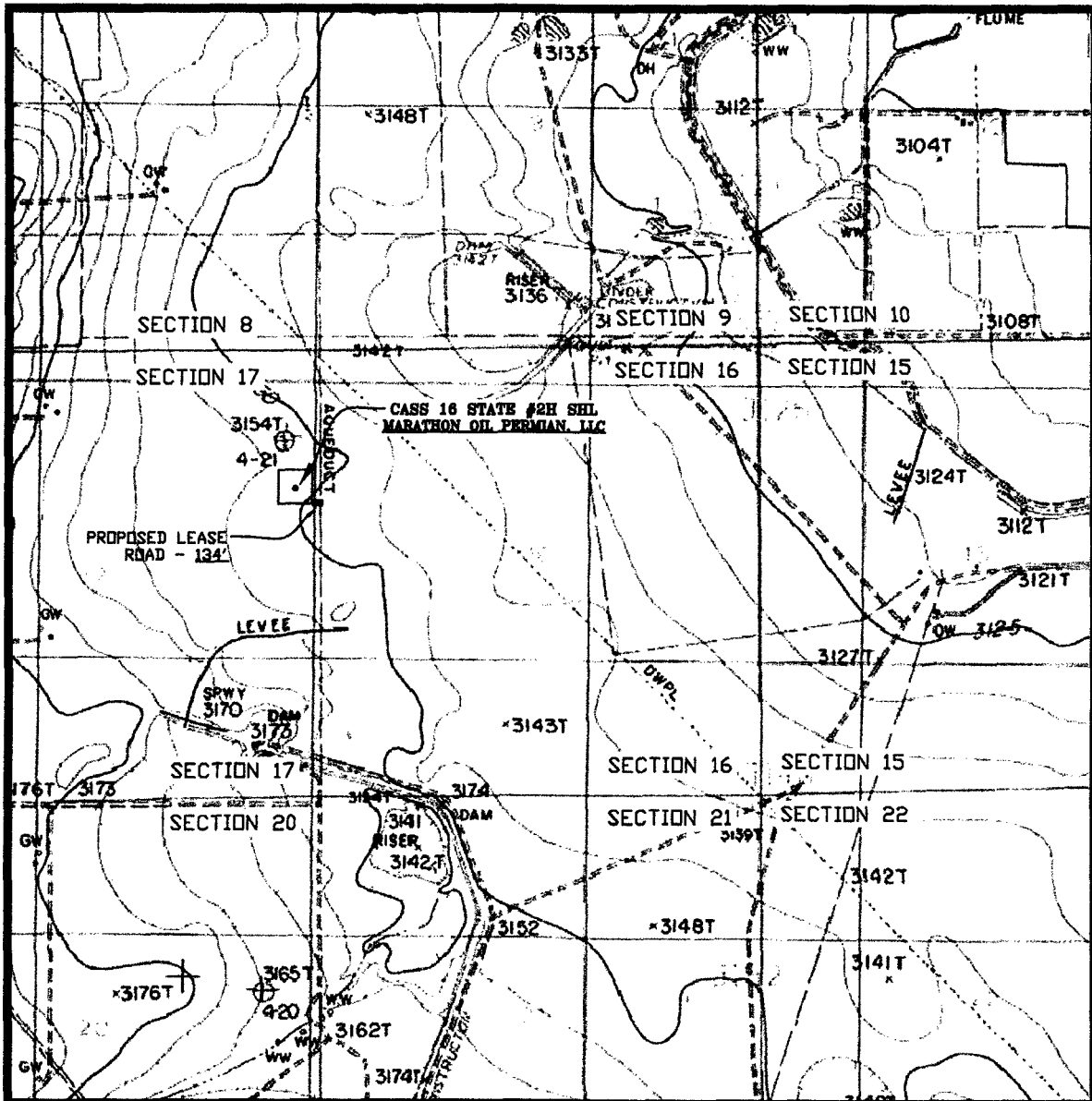
50' 0' 50' 100'
SCALE: 1" = 100'

JULY 13, 2017



PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-6900 OFFICE
JOB No. RS761_001

WELL PAD LOCATION VERIFICATION MAP



SEC. 17 TWP. 23-S RGE. 27-E
 SURVEY: N.M.P.M.
 COUNTY: EDDY
 DESCRIPTION: 1649' FNL & 315' FEL
 ELEVATION: 3164'
 OPERATOR: MARATHON OIL PERMIAN, LLC
 LEASE: CASS 16 STATE
 U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.

SCALE: 1" = 2000'
 CONTOUR INTERVAL = 20'

PREPARED BY:
 R-SQUARED GLOBAL, LLC
 1309 LOUISVILLE AVENUE, MONROE, LA 71201
 318-323-8900 OFFICE
 JOB No. R3761_001

EXISTING ACCESS ROAD VICINITY MAP

CASS 16 STATE #2H

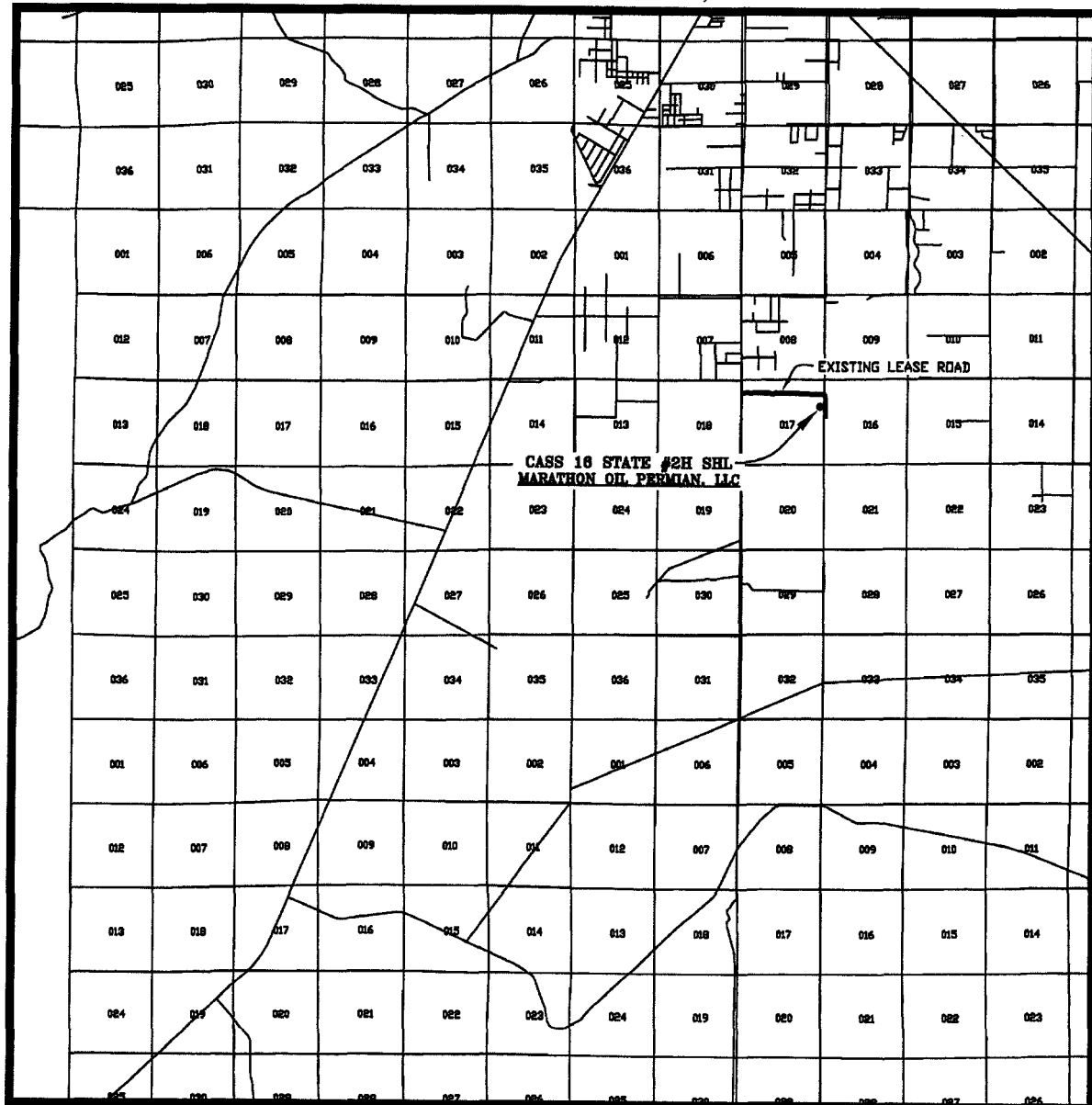
1649' FNL & 315' FEL

SEC. 17 TWP. 23-S RGE. 27-E

SURVEY: N.M.P.M.

COUNTY: EDDY

U.S.G.S. TOPOGRAPHIC MAP: OTIS, N.M.



SCALE: 1" = 2 MILES

PREPARED BY:
R-SQUARED GLOBAL, LLC
1309 LOUISVILLE AVENUE, MONROE, LA 71201
318-323-6900 OFFICE
JOB No. R3751_001