

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 049 25295

Approval Date: 05/13/2019

Expiration Date: 11/13/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 398 285

Lease Name: CAMPBELL 0304

Well No: 1-6WH

Well will be 285 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 4057205508

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
7301 NW EXPRESSWAY STE 225
OKLAHOMA CITY, OK 73132-1590

JOE TYLER
5400 SOUTH HATTIE AVE
OKLAHOMA CITY OK 73129

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 WOODFORD	14011	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 201902532

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 19111

Ground Elevation: 1031

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 400

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36583

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 06 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 375

Depth of Deviation: 13385

Radius of Turn: 462

Direction: 187

Total Length: 5000

Measured Total Depth: 19111

True Vertical Depth: 14011

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

5/9/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

5/9/2019 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG

MEMO

5/9/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 201902532

5/13/2019 - GB1 - (E.O.)(640)(HOR) 6-3N-4W
EXT 671679 WDFD, OTHERS
COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
REC. 5/7/2019 (NORRIS)

WATERSHED STRUCTURE

5/9/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 238-7233 PRIOR TO DRILLING

This permit does not address the right of entry or settlement of surface damages.

049 25295 CAMPBELL 0304 1-6WH

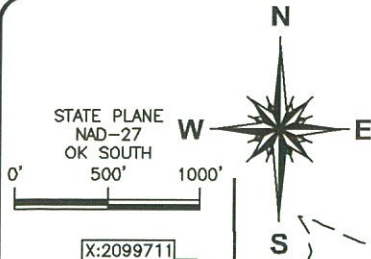
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



GARVIN COUNTY, OKLAHOMA

398' FNL - 285' FWL SECTION 5 TOWNSHIP 03N RANGE 04W1.M.



X:2099711
Y:522417

X:2102303
Y:522420

X:2104895
Y:522424

SECTION 31 - T4N-R4W
SECTION 6 - T4N-R4W

SECTION 32
SECTION 5

PROPOSED
SURFACE HOLE
398' FNL - 285' FWL
NAD 27 (US FEET)
N34°46'02.3"
W97°38'59.2"
N34.767316
W97.649783
X:2105183
Y:522026

PROPOSED
FIRST TAKE POINT
165' FNL - 375' FEL
NAD 27 (US FEET)
N34°46'04.7"
W97°39'07.1"
N34.767961
W97.651983
X:2104521
Y:522259

PROPOSED
LAST TAKE POINT
165' FSL - 375' FEL
NAD 27 (US FEET)
N34°45'15.8"
W97°39'07.0"
N34.754388
W97.651936
X:2104552
Y:517319

PROPOSED
BOTTOM HOLE
50' FSL - 375' FEL
NAD 27 (US FEET)
N34°45'14.7"
W97°39'07.0"
N34.754072
W97.651935
X:2104553
Y:517204

X:2104928
Y:517155

X:2099713
Y:519776

X:2099715
Y:517136

X:2102279
Y:517147



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: CAMPBELL 0304

WELL NO.: 1-6WH

TOPOGRAPHY & VEGETATION: INTERMITTENT TREES

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: SITE IS ON EAST SIDE OF UNNAMED RD (+/- 170 FEET SOUTH OF UNNAMED CREEK)

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN FROM THE INTERSECTION OF E COUNTY ROAD 1520 AND OK HWY 76 (+/- 1.7 MILES SOUTH OF LINDSAY, OK) HEAD SOUTH TO THE INTERSECTION OF SH76 AND GARVIN CO PAINT RD, HEAD

WEST +/- 3 MILES TO THE INTERSECTION OF GARVIN POINT RD AND AN UNNAMED RD. HEAD SOUTH +/- 1 MILE TO THE SITE

DATUM: NAD 27

LAT: 34° 46' 02.3" N

LONG: 97° 38' 59.2" W

LAT: 34.767316° N

LONG: 97.649783° W

STATE PLANE
COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2105183

Y: 522026

This information was
gathered with a GPS receiver
with ±1 foot Horiz/Vert accuracy.

DATE OF DRAWING: 3/21/19

JOB NO.: 19000434

DATE STAKED: 3/18/19

CERTIFICATE:

I, DAVID L. ANDERSON an Oklahoma Licensed Land
Surveyor and an authorized agent of Atwell, LLC, do
hereby certify to the information shown herein

David L. Anderson 3-26-19
Oklahoma Lic. No. 1927





GARVIN COUNTY, OKLAHOMA

398' FNL - 285' FWL SECTION 5 TOWNSHIP 03N RANGE 04W I.M.

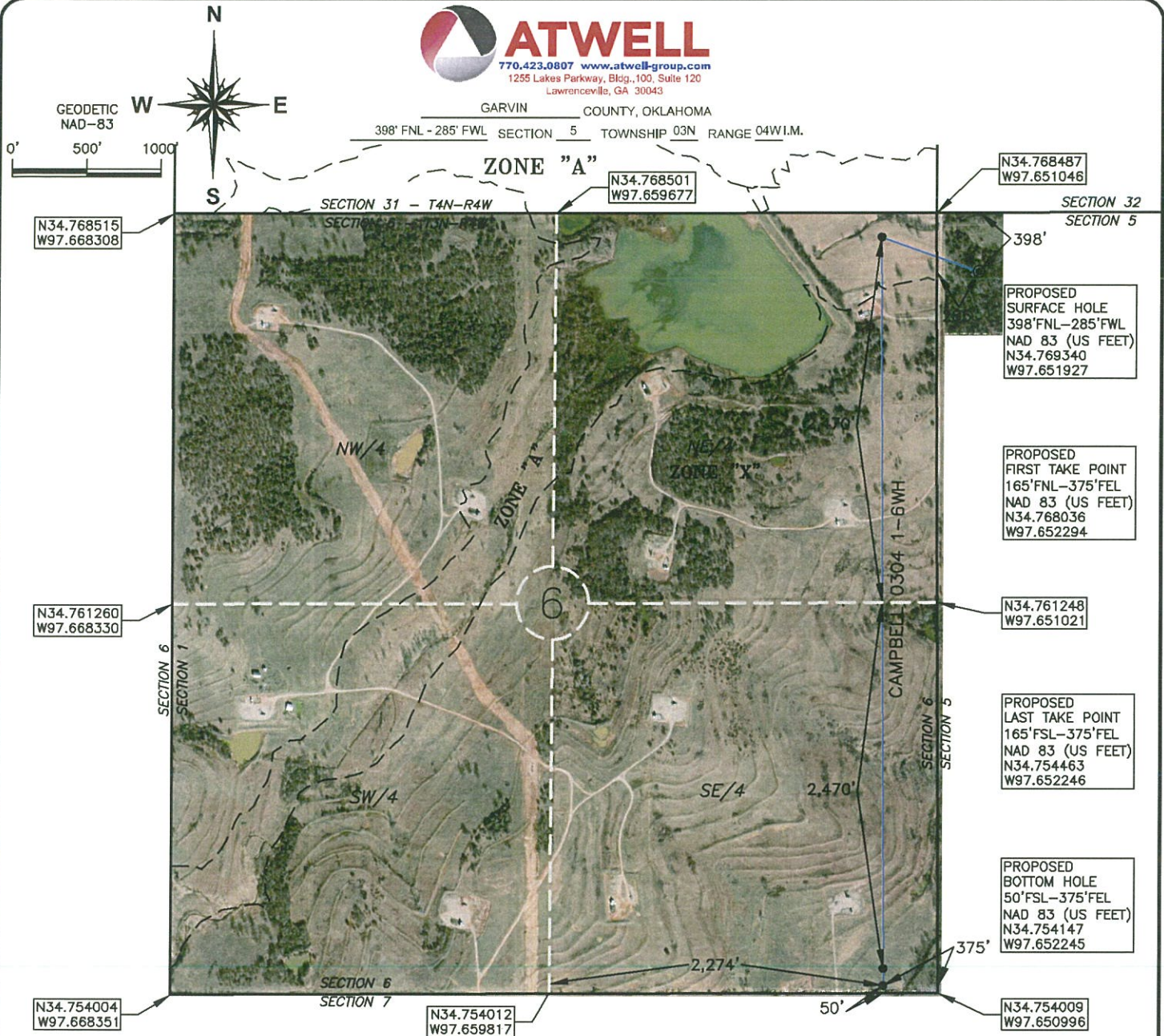




GARVIN COUNTY, OKLAHOMA

398' FNL - 285' FWL SECTION 5 TOWNSHIP 03N RANGE 04W1.M.

ZONE "A"



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: CAMPBELL 0304

WELL NO.: 1-6WH

TOPOGRAPHY & VEGETATION: INTERMITTENT TREES

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: SITE IS ON EAST SIDE OF UNNAMED RD (+/- 170 FEET SOUTH OF UNNAMED CREEK)

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN FROM THE INTERSECTION OF E COUNTY ROAD 1520 AND OK HWY 76 (+/- 1.7 MILES SOUTH OF LINDSAY, OK) HEAD SOUTH TO THE INTERSECTION OF SH76 AND GARVIN CO PAINT RD, HEAD

WEST +/- 3 MILES TO THE INTERSECTION OF GARVIN POINT RD AND AN UNNAMED RD, HEAD SOUTH +/- 1 MILE TO THE SITE

DATUM: NAD 83

LAT: 34.769340° N

LONG: 97.651927° W

DATE OF DRAWING: 3/21/19

JOB NO.: 19000434

DATE STAKED: 3/18/19

CERTIFICATE:

I, DAVID L. ANDERSON an Oklahoma Licensed Land Surveyor and an authorized agent of Atwell, LLC, do hereby certify to the information shown herein

David L. Anderson 3-26-19
Oklahoma Lic. No. 1927

ELEVATION:
1,034' GR. AT STAKE NAVD88
1,031' GR. AT STAKE NGVD29





GARVIN COUNTY, OKLAHOMA

398' FNL - 285' FWL SECTION 5 TOWNSHIP 03N RANGE 04W1.M.

ZONE "A"

N34.768501
W97.659677

N34.768487
W97.651046

SECTION 32
SECTION 5

N34.768515
W97.668308

SECTION 31 - T4N-R4W
SECTION 6 - T3N-R4W

PROPOSED
SURFACE HOLE
398'FNL-285'FWL
NAD 83 (US FEET)
N34.769340
W97.651927

PROPOSED
FIRST TAKE POINT
165'FNL-375'FWL
NAD 83 (US FEET)
N34.768036
W97.652294

PROPOSED
LAST TAKE POINT
165'FNL-375'FWL
NAD 83 (US FEET)
N34.754463
W97.652246

PROPOSED
BOTTOM HOLE
50'FNL-375'FWL
NAD 83 (US FEET)
N34.754147
W97.652245

N34.761260
W97.668330

SECTION 6
SECTION 1

N34.761248
W97.651021

CAMPBELL 0304 1-6WH

SECTION 6
SECTION 5

NW/4

NE/4
ZONE "X"

6

SW/4

SE/4

SECTION 6
SECTION 7

N34.754004
W97.668351

N34.754012
W97.659817

N34.754009
W97.650996

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: CAMPBELL 0304

WELL NO.: 1-6WH

TOPOGRAPHY & VEGETATION: INTERMITTENT TREES

ELEVATION:
1,034' GR. AT STAKE NAVD88
1,031' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: SITE IS ON EAST SIDE OF UNNAMED RD (+/- 170 FEET SOUTH OF UNNAMED CREEK)

DISTANCE AND DIRECTION

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WEST +/- 3 MILES TO THE INTERSECTION OF GARVIN POINT RD AND AN UNNAMED RD. HEAD SOUTH +/- 1 MILE TO THE SITE

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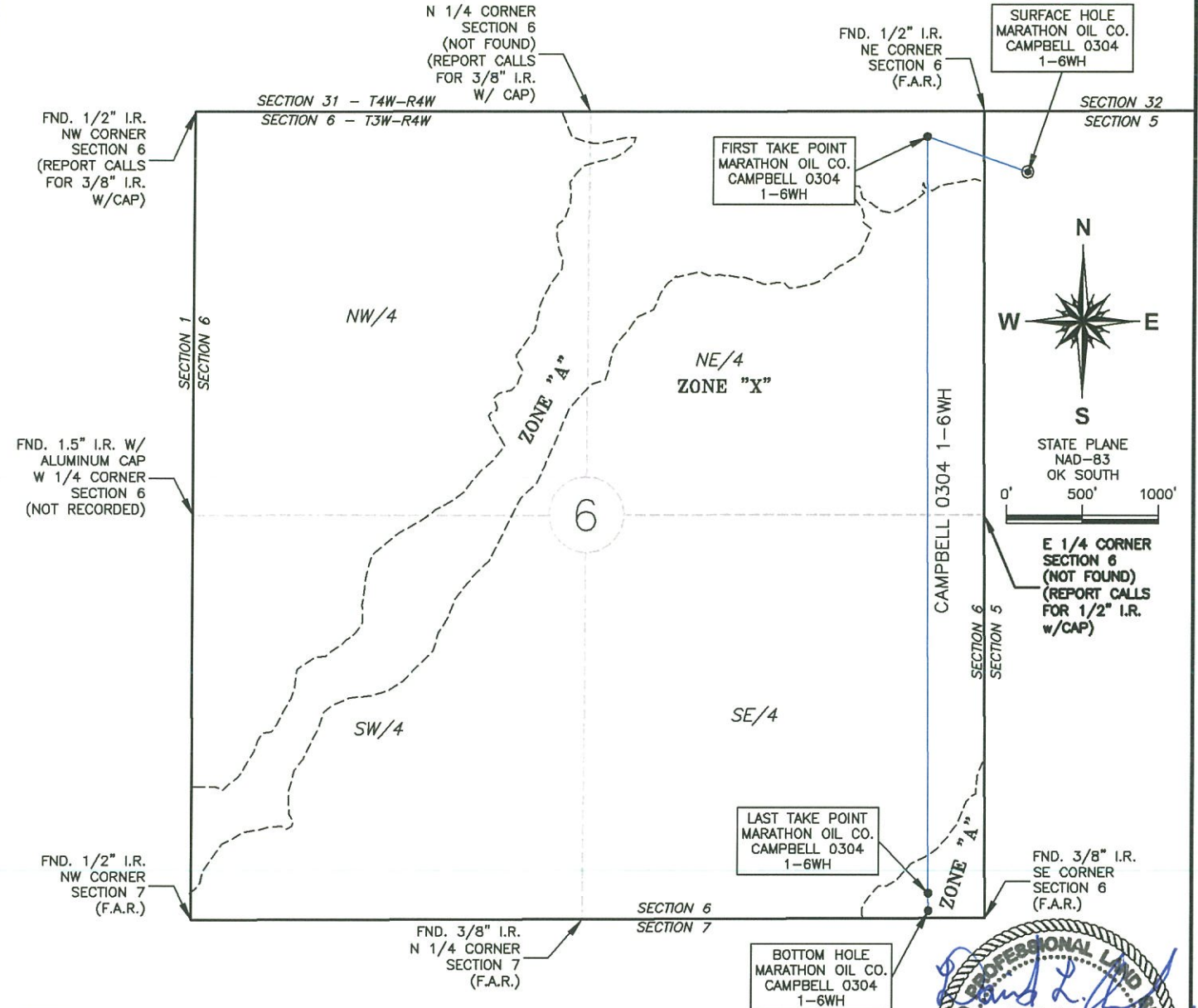
David L. Anderson 3-26-19
Oklahoma Lic. No. 1927



LEGEND:

FND. - FOUND
I.P. - IRON PIPE
I.R. - IRON ROD
F.A.R. - FOUND AS RECORDED

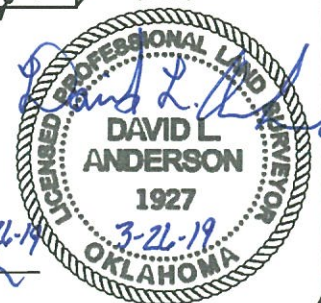
T3N - R4W & T4N-R4W (INDIAN MERIDIAN)



NOTES:

1. THE INFORMATION RELATED TO THE CORNERS OF SECTIONS SHOWN HEREON IS APPROXIMATE AND SHOWN FOR INFORMATIONAL PURPOSES ONLY. NO SURVEYS OF PARCEL BOUNDARIES WERE PERFORMED, AND NO CERTIFICATION IS MADE OF THE PEDIGREE OF THE CONTROL MONUMENTATION CALLED OUT IN THIS DOCUMENT. NO TITLE WORK WAS PROVIDED, RESEARCHED, OR REVIEWED IN THE COURSE OF PREPARING THIS DOCUMENT. THIS DOCUMENT IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY.

David L. Anderson 3-21-19
Oklahoma Lic. No. 1927



CONTROL MONUMENTATION FOR SECTION 6, T3N - R4W & T4N-R4W GARVIN COUNTY, OKLAHOMA


Marathon Oil
Corporation

 **ATWELL**
770.423.0807 www.atwell-group.com
1255 Lakes Parkway, Bldg. 100, Suite 120
Lawrenceville, GA 30043

REV#	DATE	DESC.
SCALE:	1" = 1000'	
DATE:	3/21/19	
DRAWN BY:	RCJ	
APP'D BY:	ONM & DCC	
JOB NO.:	19000434	
SHEET:	5 OF 11	

THIS DRAWING WAS PREPARED EXCLUSIVELY FOR MARATHON OIL COMPANY AND MAY NOT BE RELIED UPON BY ANY OTHER ENTITY WITHOUT THE CONSENT OF ATWELL, LLC.

T3N - R4W
(INDIAN MERIDIAN)

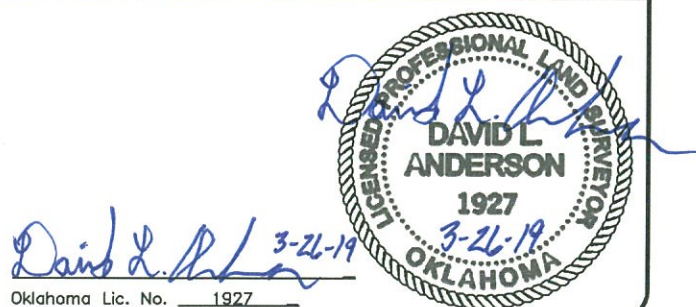


NOTES:

1. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
2. WELL LOCATION AND PAD AREA ARE IN FLOOD ZONE A.
3. NO DWELLINGS WITHIN 750' OF WELL PAD AREA.
4. DIMENSIONS TO THE SECTION LINES ARE APPROXIMATE, AND WERE NOT DETERMINED IN THE COURSE OF A BOUNDARY SURVEY.

(A) MARATHON OIL COMPANY
COLLINS 0404 1-31-30WXH
373' FNL - 286' FWL
ELEV. 1,032' GR.

(B) MARATHON OIL COMPANY
CAMPBELL 0304 1-6WH
398' FNL - 285' FWL
ELEV. 1,034' GR.



Oklahoma Lic. No. 1927

750' RADIUS AROUND A PROPOSED
WELL AND PAD AREA FOR
CAMPBELL 0304 1-6WH IN THE
NW/4 OF SECTION 5, T3N - R4W,
GARVIN COUNTY, OKLAHOMA

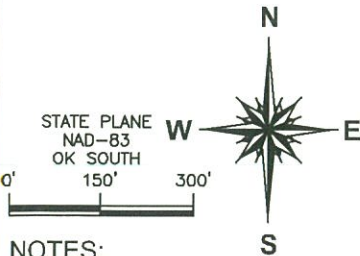
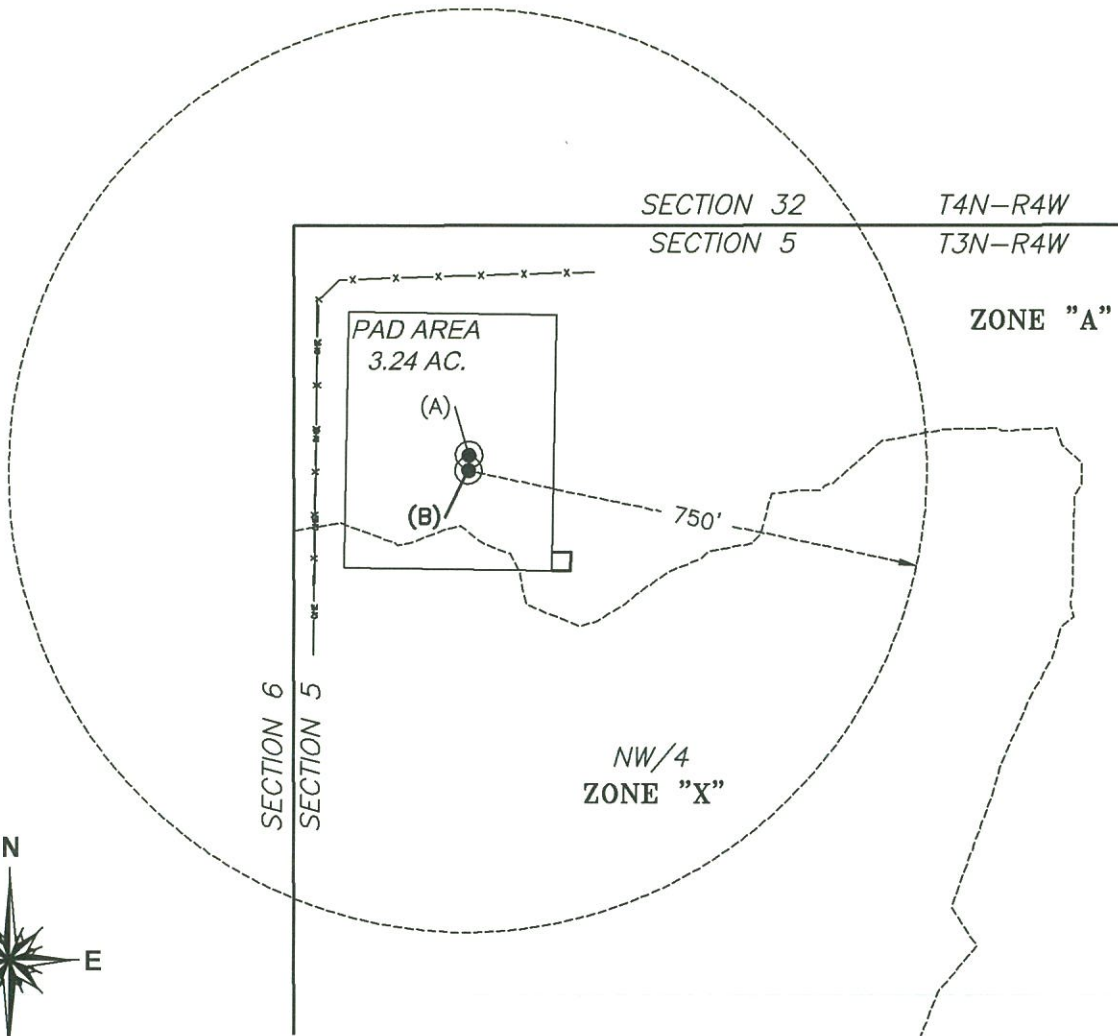
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Marathon Oil
Corporation™

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770.423.0807 www.atwell-group.com
1255 Lakes Parkway, Bldg., 100, Suite 120
Lawrenceville, GA 30043

REV#	DATE	DESC.
SCALE: 1" = 300'		
DATE: 3/21/19		
DRAWN BY: RCJ		
APP'D BY: ONM & DCC		
JOB NO.: 19000434		
SHEET: 6 OF 11		

T3N - R4W
(INDIAN MERIDIAN)



NOTES:

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3. NO DWELLINGS WITHIN 750' OF WELL PAD AREA.
4. DIMENSIONS TO THE SECTION LINES ARE APPROXIMATE, AND WERE NOT DETERMINED IN THE COURSE OF A BOUNDARY SURVEY.

- (A) MARATHON OIL COMPANY
COLLINS 0404 1-31-30WXH
373' FNL - 286' FWL
ELEV. 1,032' GR.
- (B) MARATHON OIL COMPANY
CAMPBELL 0304 1-6WH
398' FNL - 285' FWL
ELEV. 1,034' GR.

David L. Anderson 3-26-19
Oklahoma Lic. No. 1927



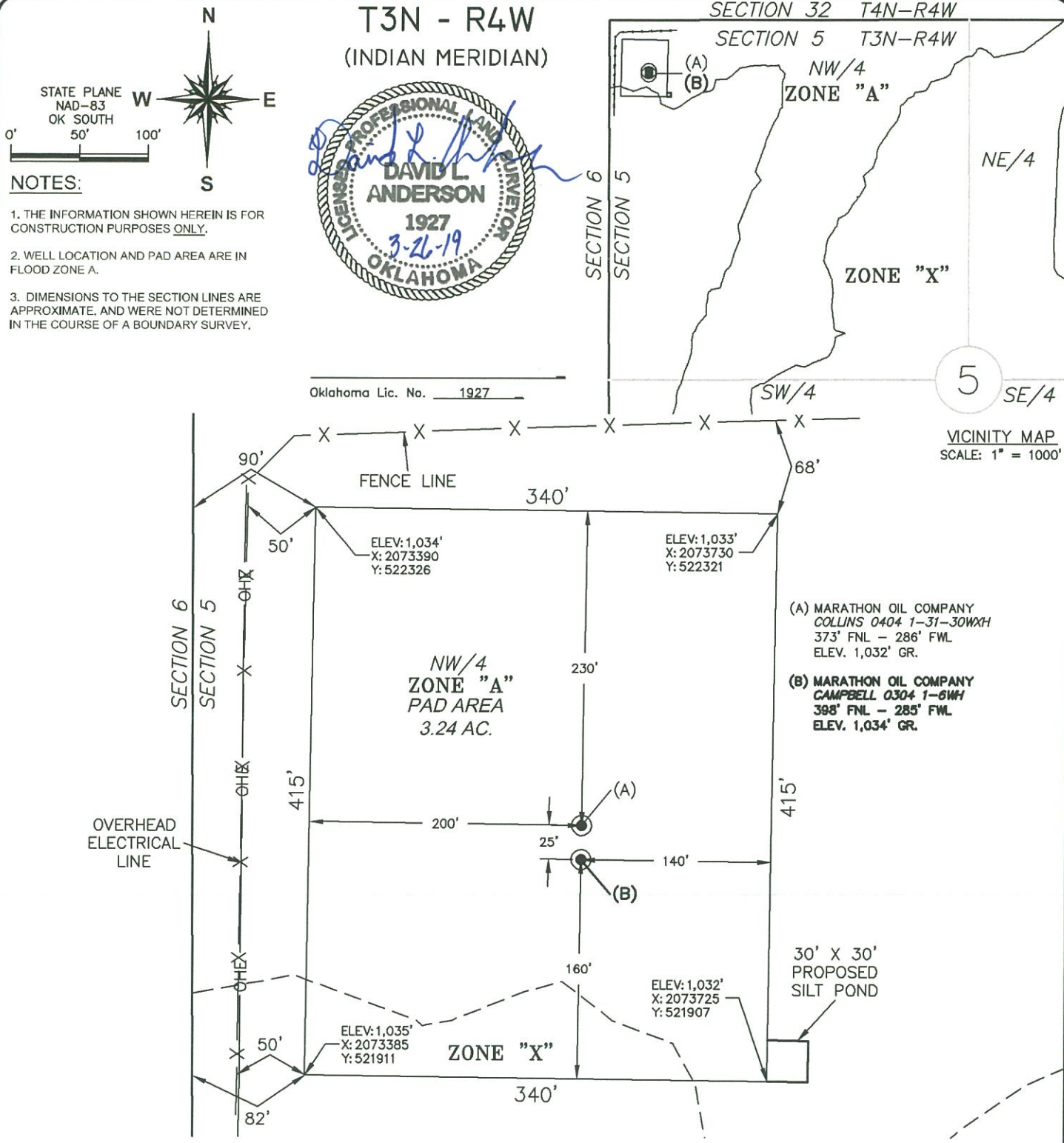
750' RADIUS AROUND A PROPOSED
WELL AND PAD AREA FOR
CAMPBELL 0304 1-6WH IN THE
NW/4 OF SECTION 5, T3N - R4W,
GARVIN COUNTY, OKLAHOMA


Marathon Oil
Corporation

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770.423.0807 www.atwell-group.com
1255 Lakes Parkway, Bldg., 100, Suite 120
Lawrenceville, GA 30043

REV#	DATE	DESC.
SCALE: 1" = 300'		
DATE: 3/21/19		
DRAWN BY: RCJ		
APP'D BY: ONM & DCC		
JOB NO.: 19000434		
SHEET: 7 OF 11		

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RELIED UPON BY ANY OTHER ENTITY WITHOUT THE CONSENT OF ATWELL, LLC.



PROPOSED PAD AREA IN THE
NW/4 OF SECTION 5, T3N - R4W,
GARVIN COUNTY, OKLAHOMA

Marathon Oil
Corporation

ATWELL
770.423.0807 www.atwell-group.com
1255 Lakos Parkway, Bldg., 100, Suite 120
Lawrenceville, GA 30043

REV#	DATE	DESC.
SCALE: 1" = 100'		
DATE: 3/21/19		
DRAWN BY: RCJ		
APP'D BY: ONM & DCC		
JOB NO.: 19000434		
SHEET: 8 OF 11		

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T3N - R4W
(INDIAN MERIDIAN)

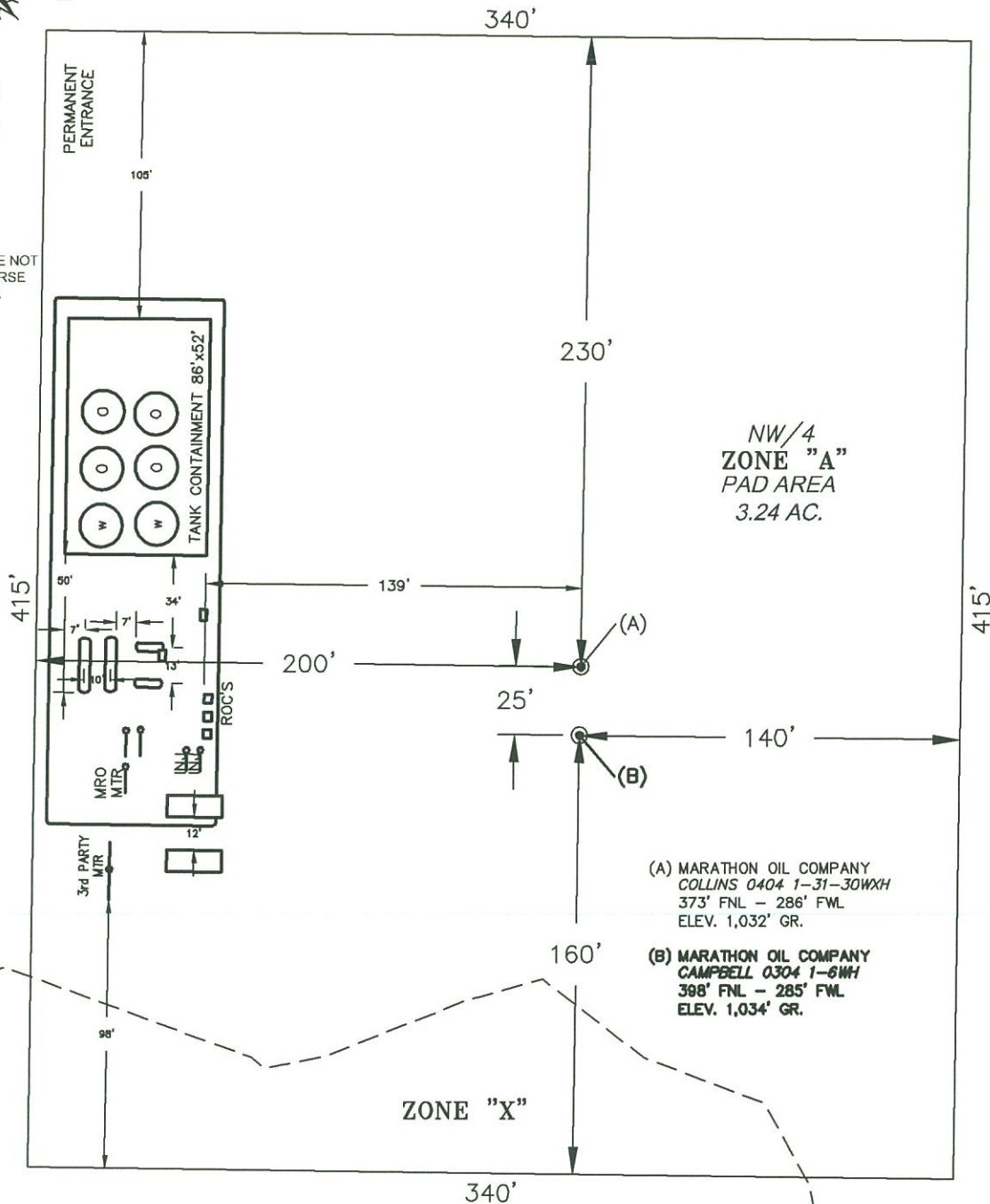


STATE PLANE
NAD-83
OK SOUTH

0' 30' 60'

NOTES:

1. DIMENSIONS TO THE SECTION LINES ARE APPROXIMATE, AND WERE NOT DETERMINED IN THE COURSE OF A BOUNDARY SURVEY.



DUAL WELL FACILITY LAYOUT IN THE
NW/4 OF SECTION 5, T3N - R4W,
GARVIN COUNTY, OKLAHOMA

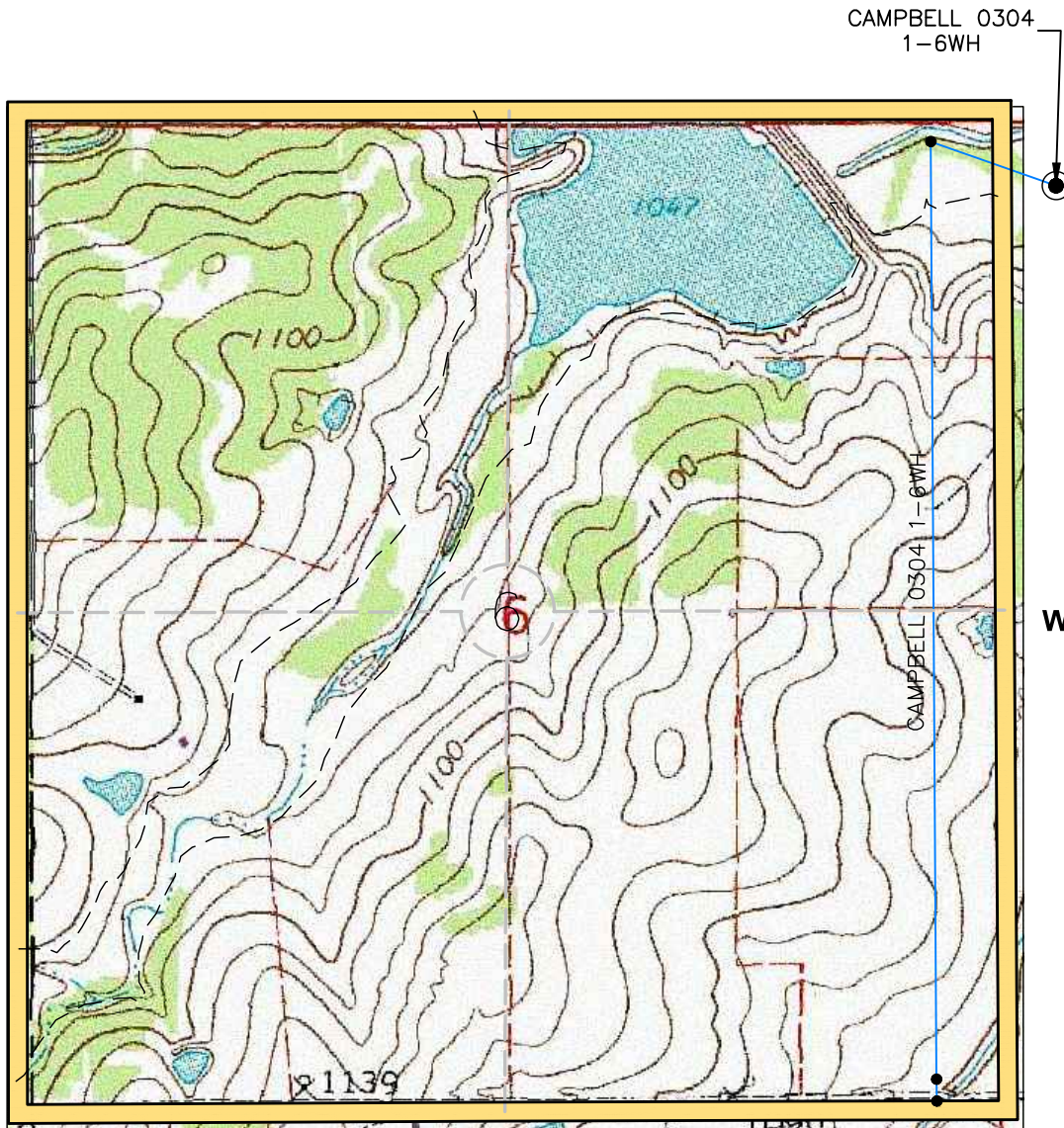

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1255 Lakes Parkway, Bldg., 100, Suite 120
Lawrenceville, GA 30043

REV#	DATE	DESC.
SCALE: 1" = 60'		
DATE: 3/21/19		
DRAWN BY: RCJ		
APP'D BY: ONM & DCC		
JOB NO.: 19000434		
SHEET: 9 OF 11		

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LOCATION & ELEVATION VERIFICATION MAP



SEC. 5 TWP. 03N RNG. 04W

COUNTY GARVIN STATE OK

OPERATOR MARATHON OIL COMPANY

DESCRIPTION 398' FNL - 285' FWL

LEASE CAMPBELL 0304 1-6WH

ELEVATION 1,034' GR. AT STAKE NAVD88
1,031' GR. AT STAKE NGVD29

U.S.G.S. TOPOGRAPHIC
QUADRANGLE MAP LINDSAY SW

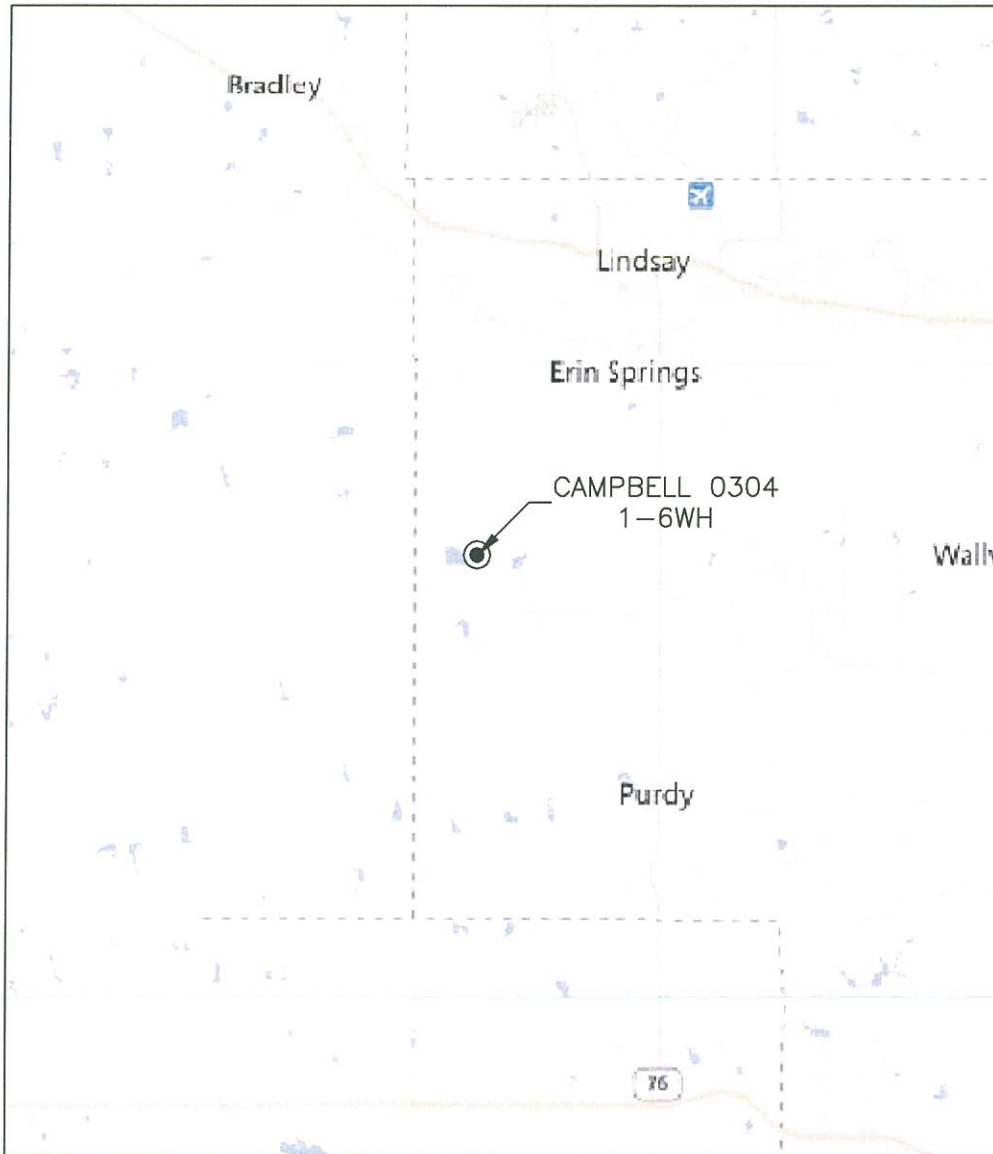
ABOVE BACKGROUND DATA FROM
U.S.G.S. TOPOGRAPHIC MAP
SCALE: 1" = 1000'

CONTOUR INTERVAL 10'

WHEN THE ELEVATION IS SHOWN HEREON IT IS THE GROUND
ELEVATION OF THE LOCATION STAKE.
REVIEW THIS DRAWING AND INFORM US IMMEDIATELY OF ANY
POSSIBLE DISCREPANCY.



VICINITY MAP



SCALE: 1" = 3 MILES

SEC. 5 TWP. 03N RNG. 04W

COUNTY GARVIN STATE OK

OPERATOR MARATHON OIL COMPANY



3/21/19