

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

API NUMBER: 049 25282

Approval Date: 04/01/2019

Expiration Date: 10/01/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 3N Rge: 4W County: GARVIN
SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 275 975

Lease Name: BOWSER 0304 Well No: 1-8-5SXH Well will be 275 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

LILLIE DAVIS
PO BOX 674
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SPRINGER	12650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671679
671680

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900588
201900589
201900590
201900591
201901835

Special Orders:

Total Depth: 20450

Ground Elevation: 1141

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 19-36207

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 05 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE SE

Feet From: SOUTH 1/4 Section Line: 2590

Feet From: EAST 1/4 Section Line: 375

Depth of Deviation: 12188

Radius of Turn: 803

Direction: 5

Total Length: 7000

Measured Total Depth: 20450

True Vertical Depth: 12932

End Point Location from Lease,
Unit, or Property Line: 375

Notes:

Category

Description

DEEP SURFACE CASING

2/4/2019 - 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

2/4/2019 - 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

2/4/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201900588

3/13/2019 - GB1 - 5-3N-4W
X671379 SPRG
3 WELLS
NO OP. NAMED
REC. 3/11/2019 (THOMAS)

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.

049 25282 BOWSER 0304 1-8-5SXH

Category	Description
PENDING CD - 201900589	3/13/2019 - GB1 - 8-3N-4W X671680 SPRG 3 WELLS NO OP. NAMED REC. 3/11/2019 (THOMAS)
PENDING CD - 201900590	3/12/2019 - GB1 - (I.O.) 5 & 8-3N-4W EST MULTIUNIT HORIZONTAL WELL X671680 SPRG 8-3N-4W X671679 SPRG 5-3N-4W 67% 8-3N-4W 33% 5-3N-4W MARATHON OIL COMPANY REC. 3/11/2019 (THOMAS)
PENDING CD - 201900591	3/13/2019 - GB1 - (I.O.) 5 & 8-3N-4W X671680 SPRG 8-3N-4W X671679 SPRG 5-3N-4W COMPL. INT. (8-3N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL, NCT 330' FWL COMPL. INT. (5-3N-4W) NCT 0' FSL, NCT 1320' FNL, NCT 330' FEL, NCT 330' FWL MARATHON OIL COMPANY REC. 3/11/2019 (THOMAS)
PENDING CD - 201901835	4/1/2019 - GB1 - (E.O.) 5-3N-4W X165:10-3-28(C)(2)(B) SPRG (BOWSER 0304 1-8-5SXH) MAY BE CLOSER THAN 600' TO YOSHI 0304 1-5-32SXH MARATHON OIL COMPANY REC. 3/29/19 (MINMIER)
SPACING - 671679	3/12/2019 - GB1 - (640)(HOR) 5-3N-4W EXT 658538/659832/663306 SPRG, OTHERS COMPL. INT. NLT 660' FB
SPACING - 671680	3/12/2019 - GB1 - (640)(HOR) 8-3N-4W EXT 658538/659832/663306 SPRG, OTHERS COMPL. INT. NLT 660' FB

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

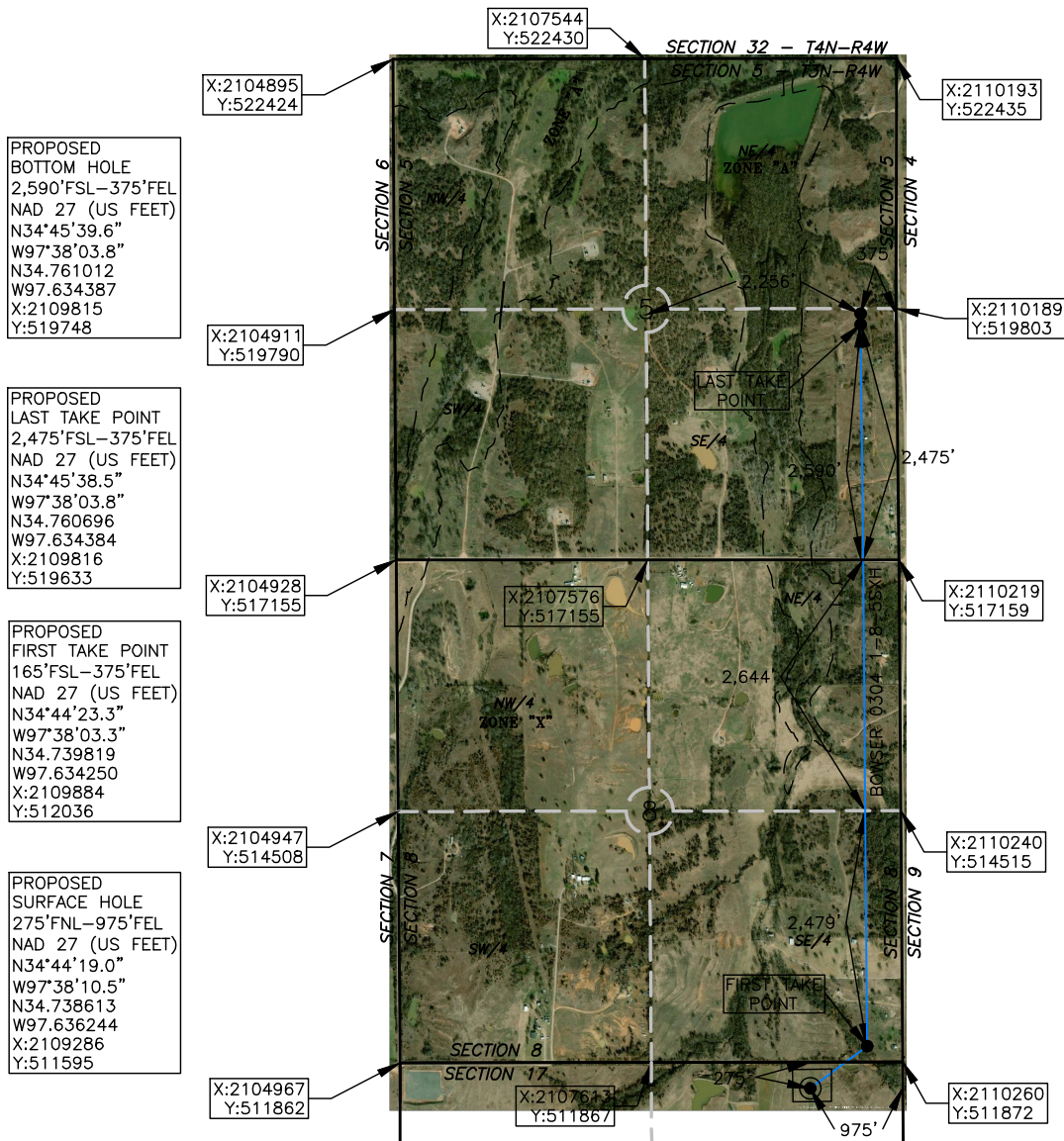
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

API 35-049-25282



GARVIN COUNTY, OKLAHOMA
275' FNL - 975' FEL SECTION 17 TOWNSHIP 03N RANGE 04W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BOWSER 0304

WELL NO.: 1-8-5SXH

TOPOGRAPHY & VEGETATION: OPEN FIELD w/INTERMITTENT TREES

ELEVATION:
1,144' GR. AT STAKE NAVD88
1,141' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: N3010 RD. TO THE WEST

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF E COUNTY ROAD 1540 AND OK HWY 76 APPROX. 2 MILES SOUTH OF ERIN SPRINGS, THENCE WEST ON GARVIN PAINT RD APPROX. 2 MILES, THEN SOUTH
ON N3010 RD FOR 3.05 MILES, SITE IS IN THE FIELD ON THE WEST SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 34° 44' 19.0" N
LONG: 97° 38' 10.5" W
LAT: 34.738613° N
LONG: 97.636244° W
STATE PLANE
COORDINATES: (US FEET)
ZONE: OK SOUTH
X: 2109286
Y: 511595

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

JOB NO.: 18003616 DATE OF DRAWING: 1/10/19
DATE STAKED: 1/8/19

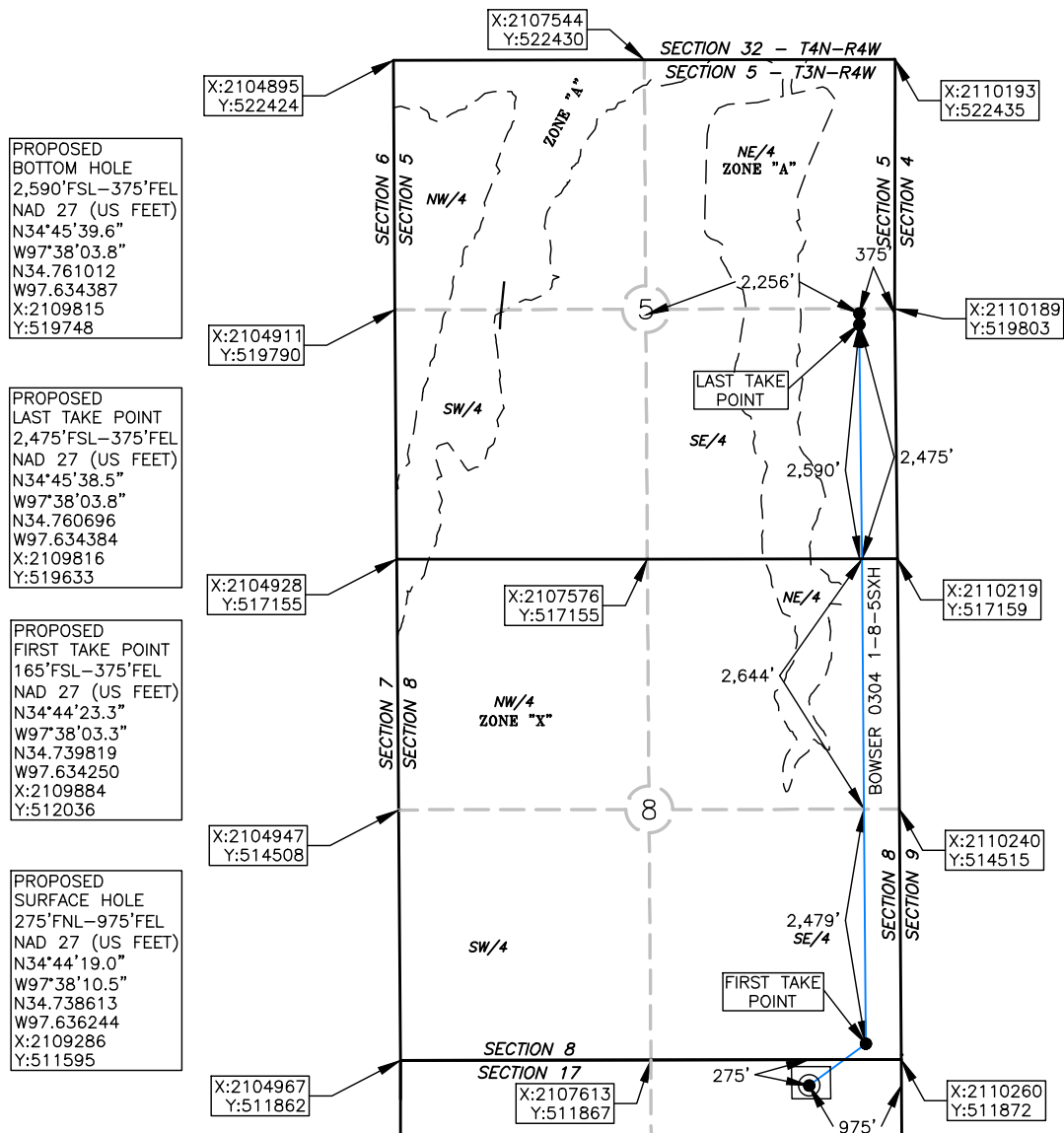
CERTIFICATE:

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 3/13/19
Oklahoma Lic. No. 1927



GARVIN COUNTY, OKLAHOMA
275' FNL - 975' FEL SECTION 17 TOWNSHIP 03N RANGE 04W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BOWSER 0304

WELL NO.: 1-8-5SXH

TOPOGRAPHY & VEGETATION: OPEN FIELD w/INTERMITTENT TREES

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JOB NO.: 18003616

DATE OF DRAWING: 1/10/19

DATE STAKED: 1/8/19

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 3/13/19

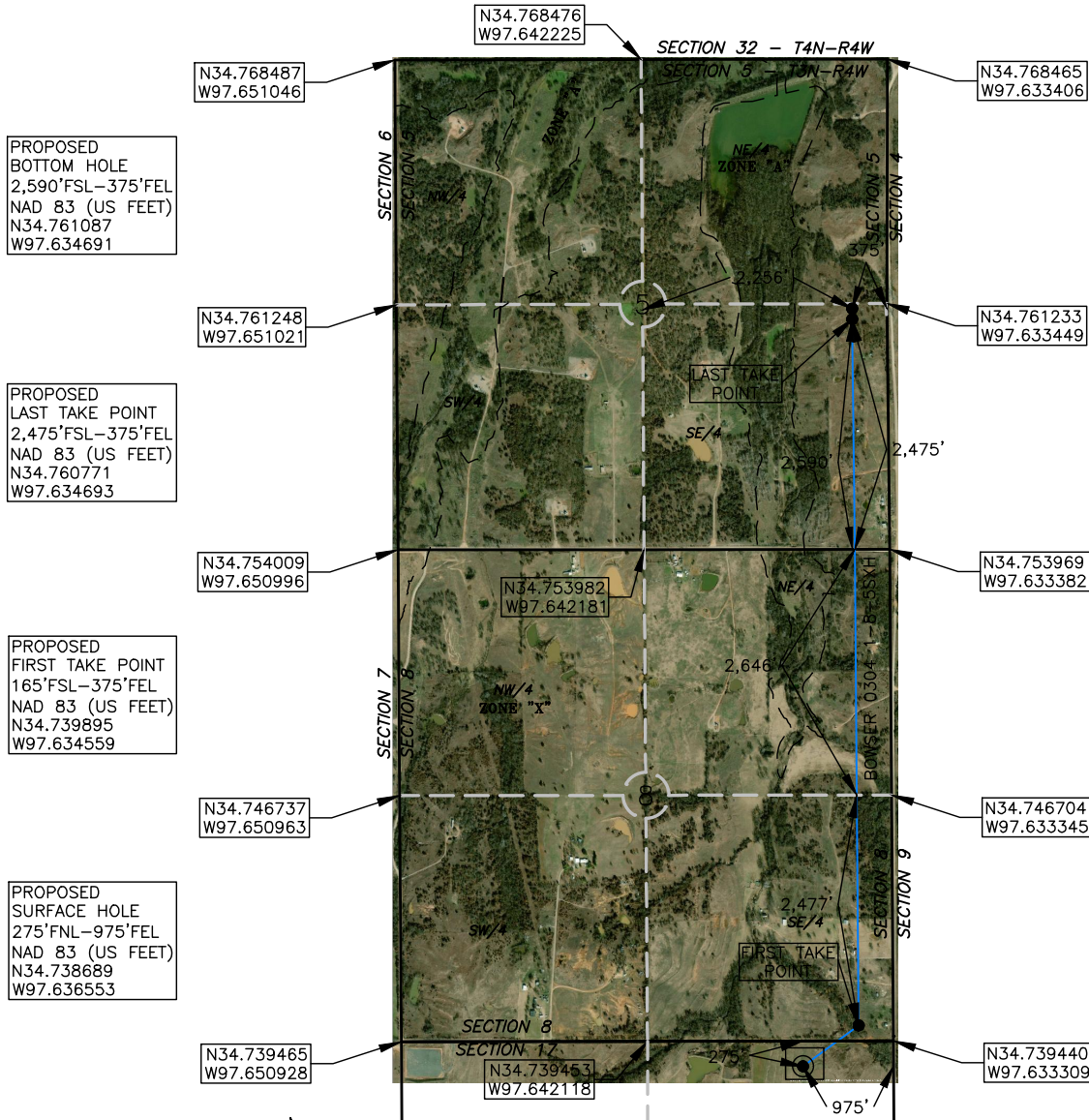
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GARVIN COUNTY, OKLAHOMA

275' FNL - 975' FEL SECTION 17 TOWNSHIP 03N RANGE 04W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BOWSER 0304

WELL NO.: 1-8-5SXH

TOPOGRAPHY & VEGETATION: OPEN FIELD w/INTERMITTENT TREES

ELEVATION:

1,144' GR. AT STAKE NAVD88

1,141' GR. AT STAKE NGVD29

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DATUM: NAD 83

LAT: 34.738689° N

LONG: 97.636553° W

DATE OF DRAWING: 1/10/19

JOB NO.: 18003616

DATE STAKED: 1/8/19

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 3/13/19

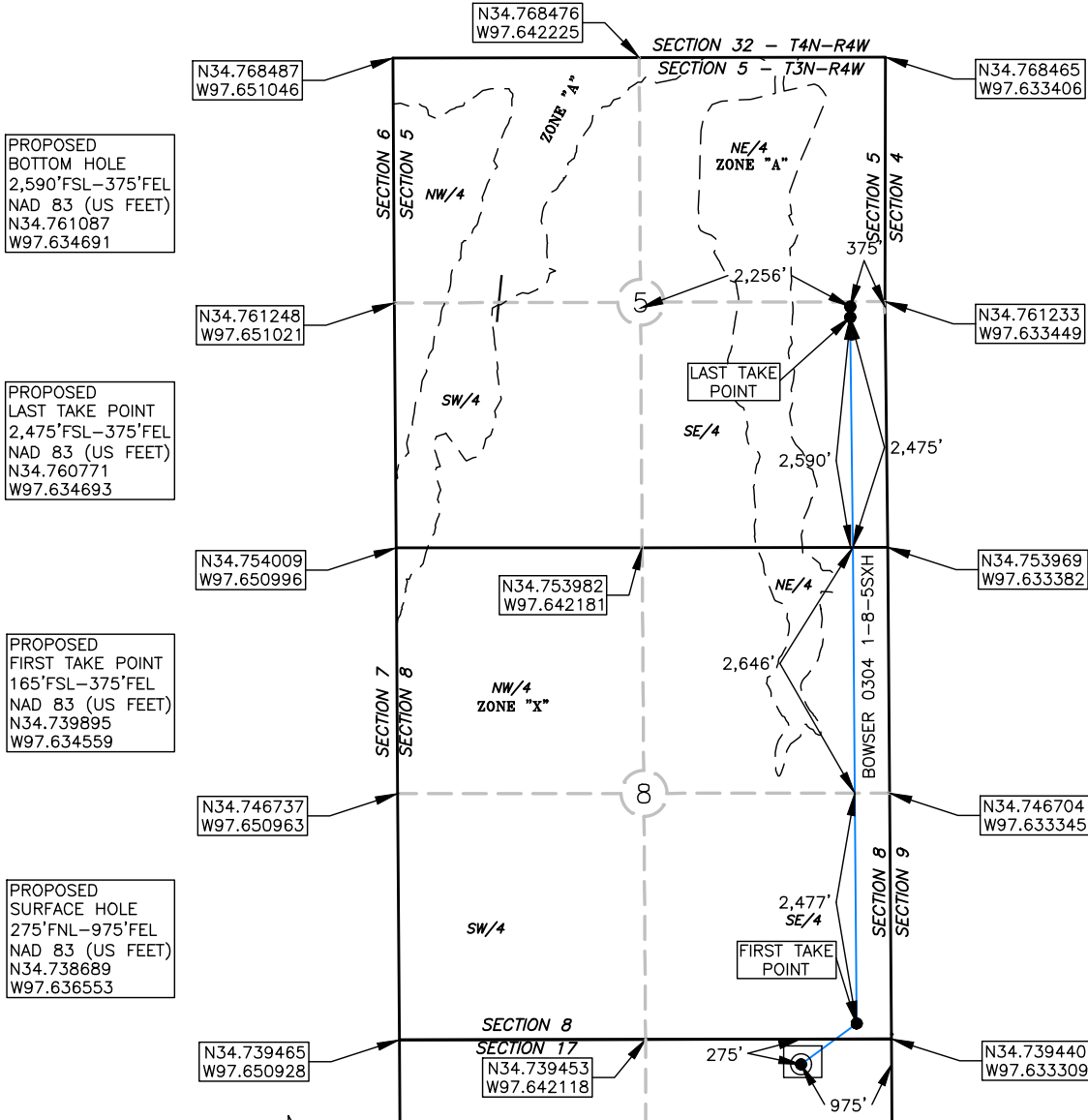
Oklahoma Lic. No. 1927





GARVIN COUNTY, OKLAHOMA

275' FNL - 975' FEL SECTION 17 TOWNSHIP 03N RANGE 04W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: BOWSER 0304

WELL NO.: 1-8-5SXH

TOPOGRAPHY & VEGETATION: OPEN FIELD w/INTERMITTENT TREES

ELEVATION:

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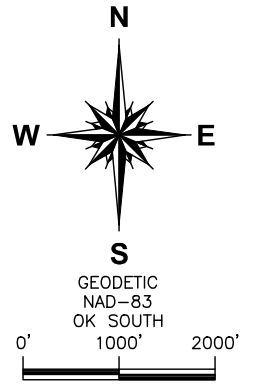
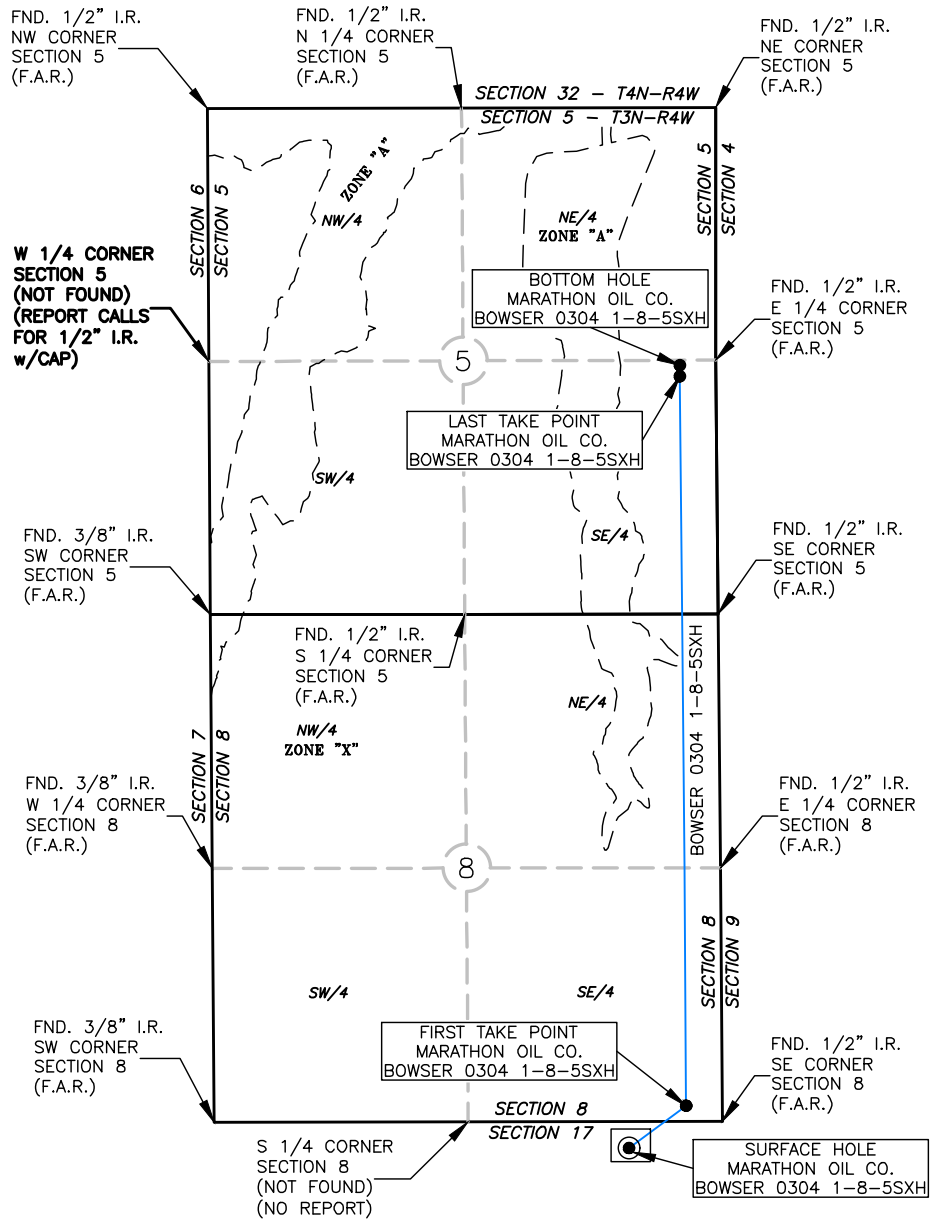
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David L. Anderson 3/13/19

Oklahoma Lic. No. 1927



T3N - R4W (INDIAN MERIDIAN)

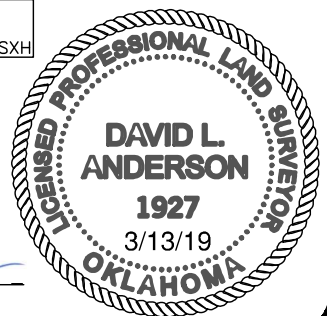


NOTES:

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

Oklahoma Lic. No. 1927



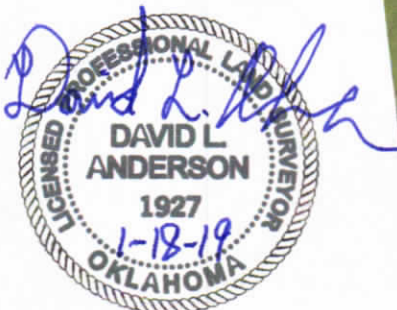
CONTROL MONUMENTATION FOR SECTION 5 & SECTION 8, T3N - R4W GARVIN COUNTY, OKLAHOMA



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

REV#	DATE	DESC.
SCALE:	1" = 2000'	
DATE:	11/14/18	
DRAWN BY:	RCJ	
APP'D BY:	OM & DC	
JOB NO.:	18003616	
SHEET:	5 OF 11	

T3N - R4W
(INDIAN MERIDIAN)



David L. Anderson 1-18-19
Oklahoma Lic. No. 1927

NOTES:

1. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
2. WELL LOCATION AND PAD AREA ARE NOT IN FLOOD ZONE.
3. NO DWELLINGS WITHIN 600' OF WELL PAD AREA.
4. DIMENSIONS TO THE SECTION LINES ARE APPROXIMATE, AND WERE NOT DETERMINED IN THE COURSE OF A BOUNDARY SURVEY.

600' RADIUS OF A PROPOSED
WELL AND PAD AREA FOR
BOWSER 0304 1-8-5SXH IN THE
NE/4 OF SECTION 17, T3N - 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" = 200'

DATE: 1/9/19

DRAWN BY: RCJ

APP'D BY: OM & DC

JOB NO.: 18003615

SHEET: 6 OF 11

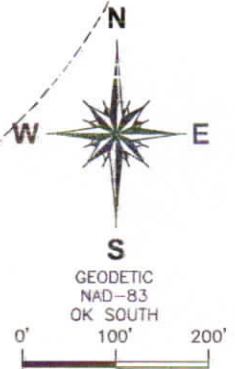
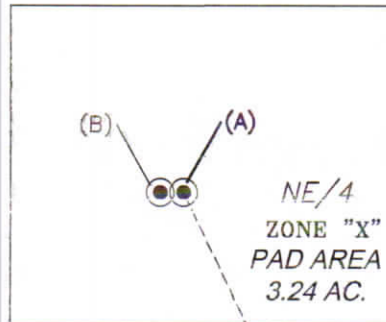
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T3N - R4W
(INDIAN MERIDIAN)

(A) MARATHON OIL COMPANY
BOWSER 1-8-5SXH
275' FNL - 975' FEL
ELEV. 1,144' GR.

(B) MARATHON OIL COMPANY
BOWSER 2-8-5SXH
275' FNL - 1,000' FEL
ELEV. 1,142' GR.

SECTION 8
SECTION 17



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David L. Anderson 1-18-19
Oklahoma Lic. No. 1927

600' RADIUS OF A PROPOSED
WELL AND PAD AREA FOR
BOWSER 0304 1-8-5SXH IN THE
NE/4 OF SECTION 17, T3N - R4W,
GARVIN COUNTY, OKLAHOMA

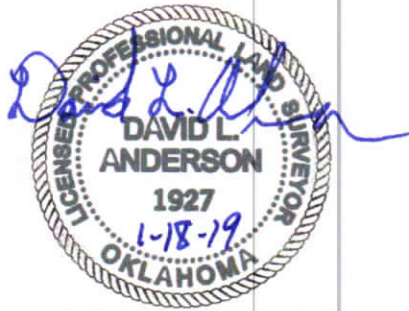

Marathon Oil
Corporation

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

REV#	DATE	DESC.
SCALE: 1" = 200'		
DATE: 1/9/19		
DRAWN BY: RCJ		
APP'D BY: OM & DC		
JOB NO.: 18003615		
SHEET: 7 OF 11		

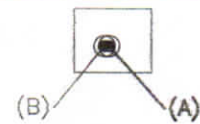
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T3N - R4W
(INDIAN MERIDIAN)



David L. Anderson 1-18-19
Oklahoma Lic. No. 1927

SECTION 8
SECTION 17



NE/4
ZONE "X"

SECTION 17
SECTION 16

NW/4

SW/4

SE/4

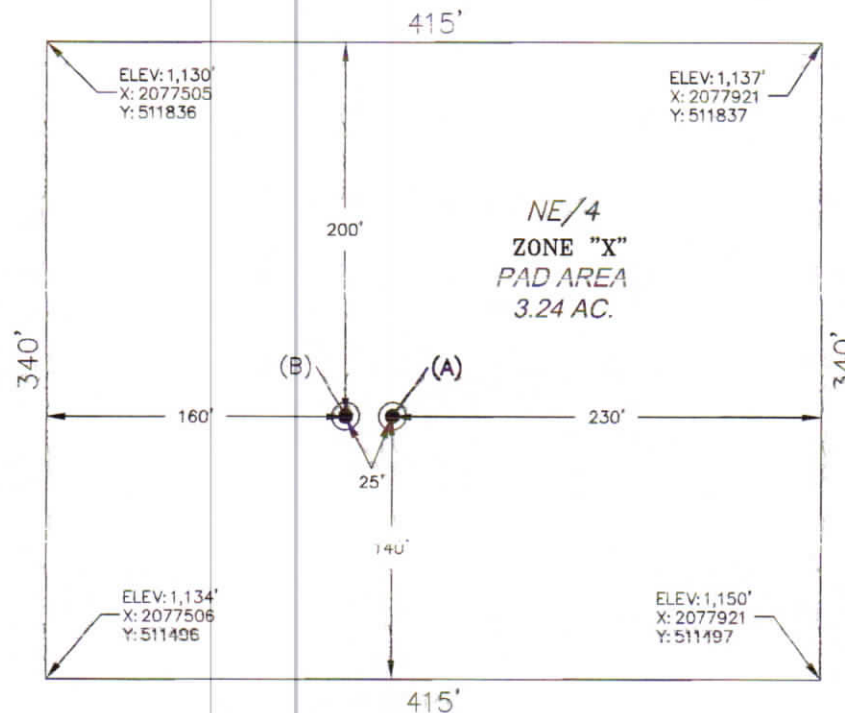
17

SECTION 8
SECTION 17

VICINITY MAP
SCALE: 1" = 1000'

(A) MARATHON OIL COMPANY
BOWSER 1-B-55XH
275' FNL - 875' FEL
ELEV. 1,144' GR.

(B) MARATHON OIL COMPANY
BOWSER 2-B-55XH
275' FNL - 1,000' FEL
ELEV. 1,142' GR.



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**PROPOSED PAD AREA IN THE
NE/4 OF SECTION 17, T3N - R4W,
GARVIN COUNTY, OKLAHOMA**


Marathon Oil
Corporation

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

REV#	DATE	DESC.
SCALE: 1" = 100'		
DATE: 1/9/19		
DRAWN BY: RCJ		
APP'D BY: OM & DC		
JOB NO.: 18003615		
SHEET: 8 OF 11		

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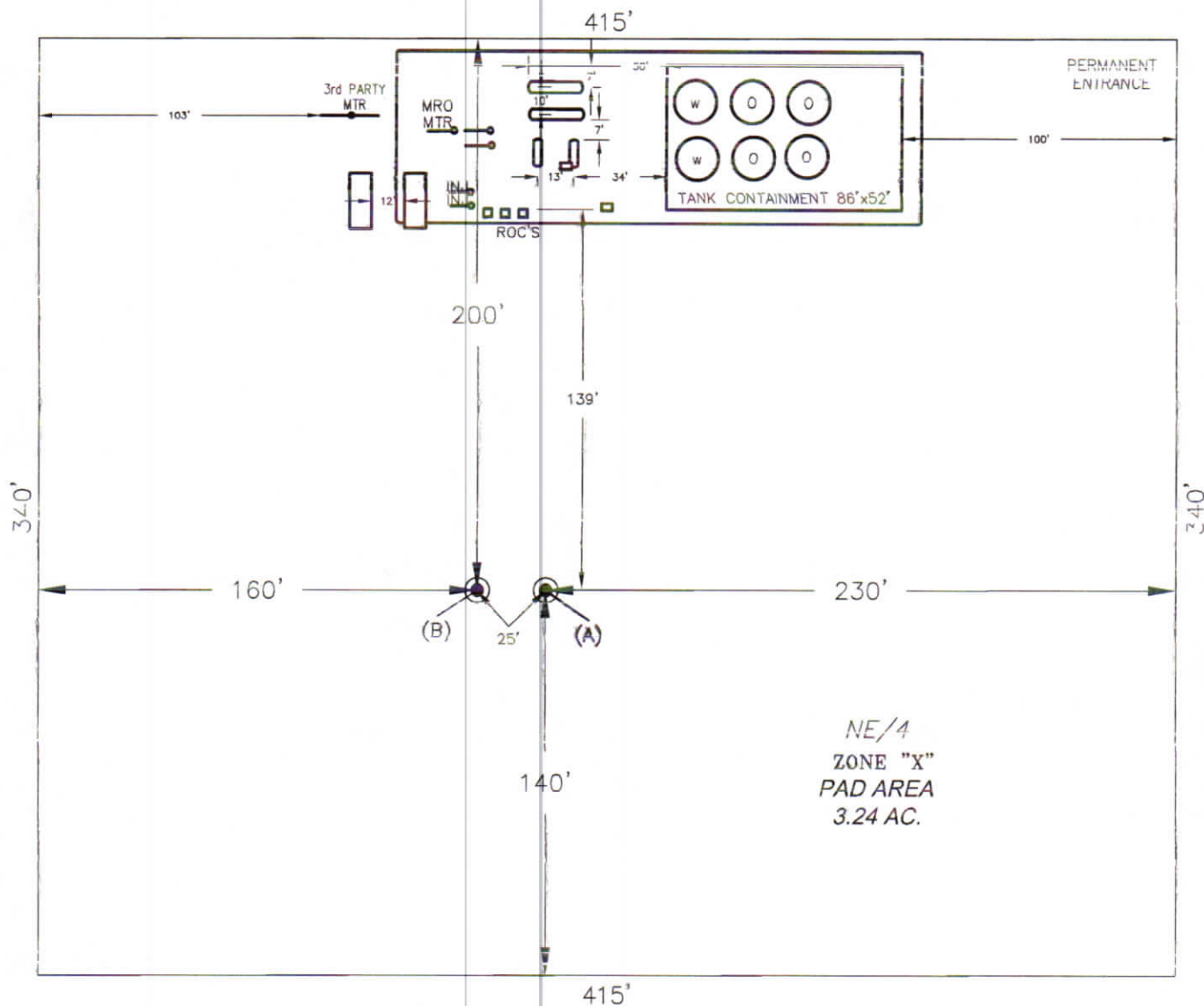
T3N - R4W
(INDIAN MERIDIAN)

(A) MARATHON OIL COMPANY
BOWSER 1-8-5SXH
275' FNL - 975' FEL
ELEV. 1,144' GR.

(B) MARATHON OIL COMPANY
BOWSER 2-8-5SXH
275' FNL - 1,000' FEL
ELEV. 1,142' GR.

SECTION 8

SECTION 17



NE/4
ZONE "X"
PAD AREA
3.24 AC.

DUAL WELL FACILITY LAYOUT IN THE
NE/4 OF SECTION 17, 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

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REV#	DATE	DESC.

SCALE: 1" = 60'

DATE: 1/9/19

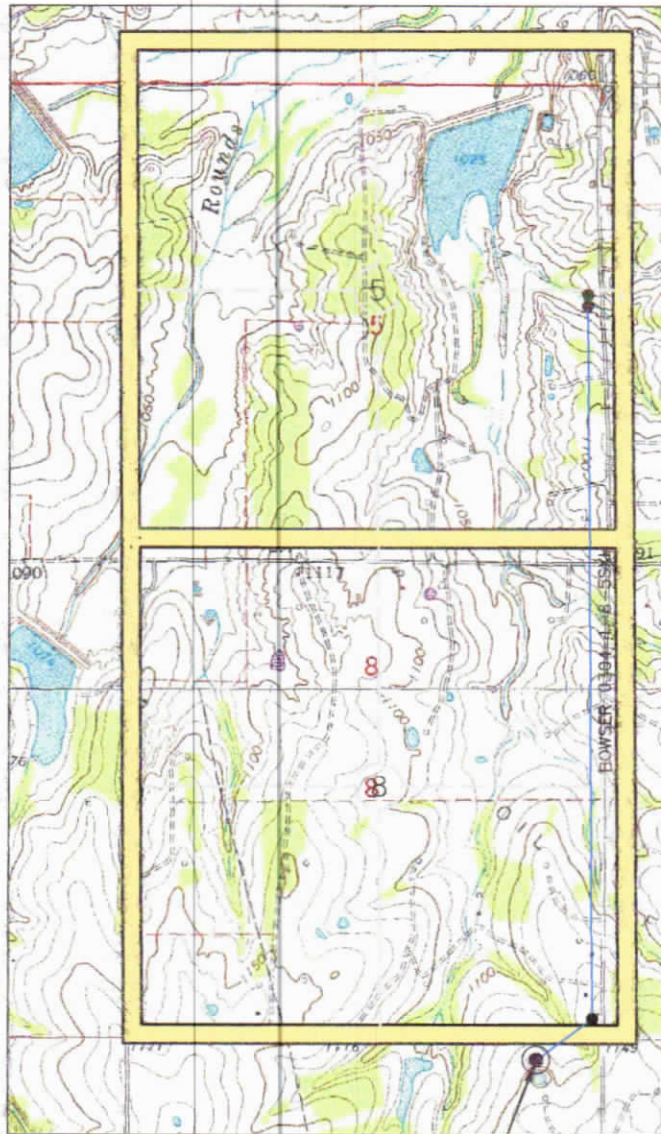
DRAWN BY: RCJ

APP'D BY: OM & DC

JOB NO.: 18003615

SHEET: 9 OF 11

LOCATION & ELEVATION VERIFICATION MAP



BOWSER 0304
1-8-5SXH

SEC. 17 TWP. 3N RNG. 4W
COUNTY GARVIN STATE OK
OPERATOR MARATHON OIL COMPANY
DESCRIPTION 275' FNL - 975' FEL
LEASE BOWSER 0304 1-8-5SXH
ELEVATION 1,144' GR. AT STAKE NAVD88
1,141' 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" = 2000'

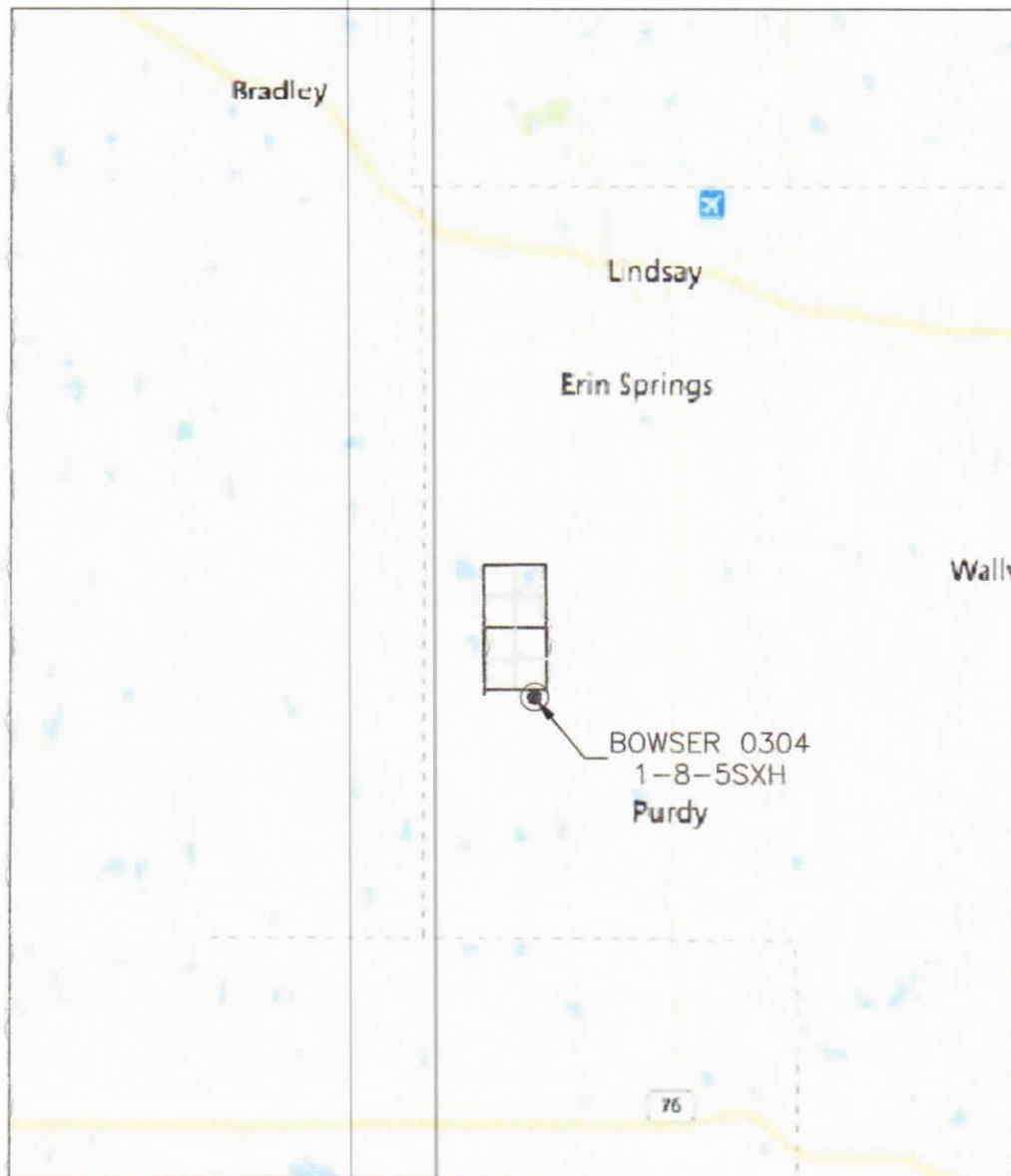
CONTOUR INTERVAL 10'

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



17-Jan-2019 : 10:02 AM

VICINITY MAP



SEC. 17 TWP. 3N RNG. 4W
COUNTY GARVIN STATE OK
OPERATOR MARATHON OIL COMPANY



10-Jan-2019 : 10:44 AM