

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

API NUMBER: 017 25127

Approval Date: 11/22/2017

Expiration Date: 05/22/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 283 2325

Lease Name: SIEGRIST 1307

Well No: 3-9WH

Well will be 283 feet from nearest unit or lease boundary.

Operator Name: MARATHON OIL COMPANY

Telephone: 7132962003

OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
5555 SAN FELIPE ST
HOUSTON, TX 77056-2701

REDLANDS COMMUNITY COLLEGE
1300 SOUTH COUNTRY CLUB ROAD
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	WOODFORD	9505	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 643979

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703518

Special Orders:

Total Depth: 14736

Ground Elevation: 1247

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 260

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

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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

H. SEE MEMO

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

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 09 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: S2 S2 S2 S2

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 9505

Radius of Turn: 111

Direction: 176

Total Length: 5057

Measured Total Depth: 14736

True Vertical Depth: 9879

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

Notes:

Category

Description

COMPLETION INTERVAL

11/7/2017 - G58 - FIRST PERFORATION TO LAST PERFORATION NCT 165 FNL, NCT 165 FSL
PER PLAT

DEEP SURFACE CASING

11/2/2017 - 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

11/2/2017 - 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:
OCCWEB.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

11/2/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 -
OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

017 25127 SIEGRIST 1307 3-9WH

Category	Description
PENDING CD - 201703518	11/7/2017 - G58 - 9-13N-7W X643979 WDFD 4 WELLS NO OP NAMED REC 6/26/2017 (DUNN)
SPACING - 643979	11/7/2017 - G58 - (640)(HOR) 9-13N-7W EXT 634286 WDFD, OTHER COMPL. INT. NCT 165' FNL & FSL, NCT 330'FEL & FWL

REV#	DATE	DESC.
1	10/10/17	REVISED PAD



API 017-25127

CANADIAN COUNTY, OKLAHOMA
283' FNL - 2325' FWL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.

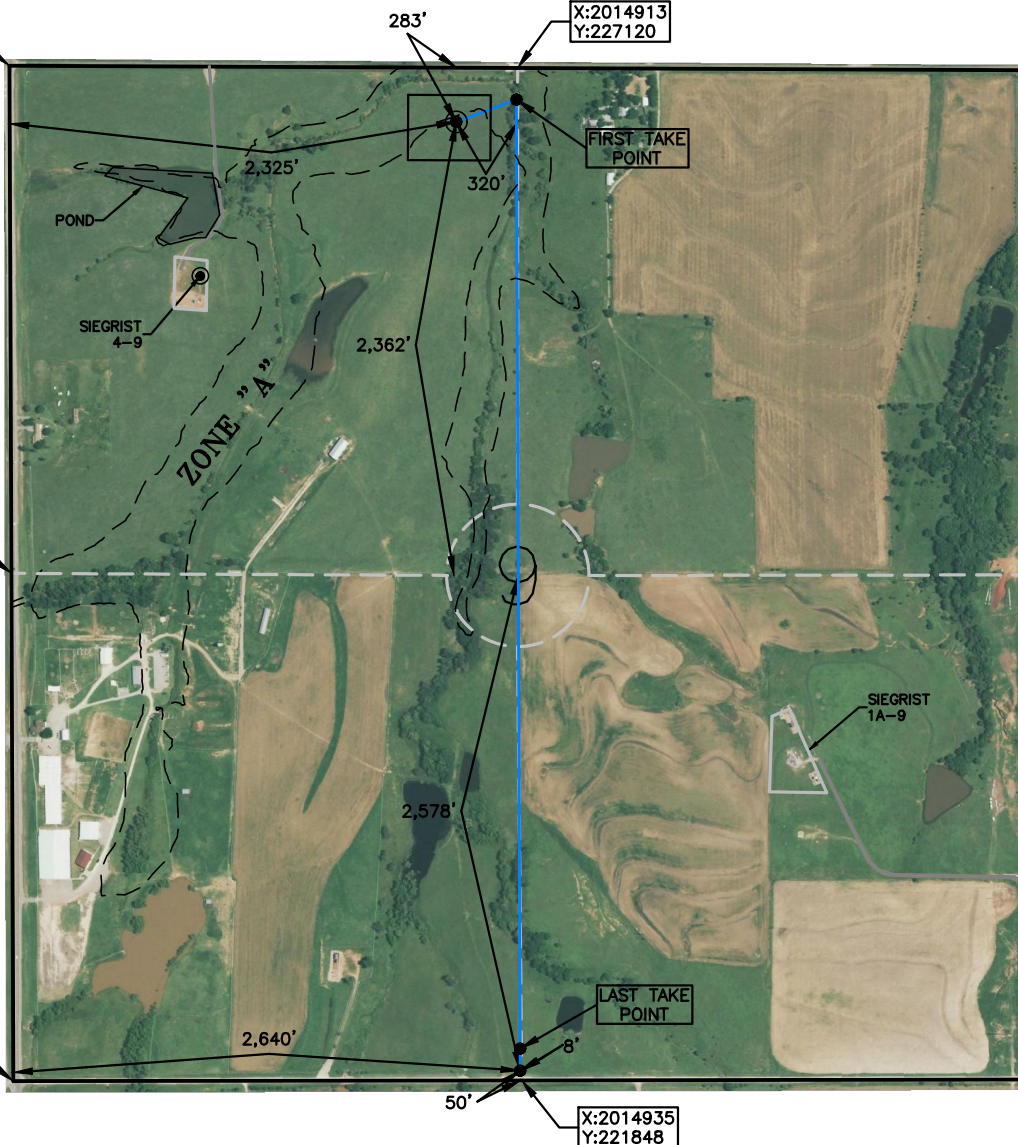
PROPOSED
SURFACE HOLE
283'FNL-2,325'FWL
NAD 27 (US FEET)
N35°37'23.4"
W97°57'03.2"
N35.623159
W97.950901
X:2014593
Y:226839

PROPOSED
FIRST TAKE POINT
165'FNL-2,640'FWL
NAD 27 (US FEET)
N35°37'24.5"
W97°56'59.4"
N35.623478
W97.949844
X:2014907
Y:226955

PROPOSED
LAST TAKE POINT
165'FNL-2,640'FWL
NAD 27 (US FEET)
N35°36'35.6"
W97°56'59.2"
N35.609901
W97.949790
X:2014926
Y:222013

PROPOSED
BOTTOM HOLE
50'FNL-2,640'FWL
NAD 27 (US FEET)
N35°36'34.5"
W97°56'59.2"
N35.609585
W97.949788
X:2014926
Y:221898

X:2012287
Y:221844



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 3-9WH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:

1,250' GR. AT STAKE NAVD88

1,247' GR. AT STAKE NGVD29

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

BEST ACCESS TO LOCATION: US HWY 81 TO THE WEST

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF US HWY 81 AND SUNSET DR. IN THE TOWN OF EL RENO, OK: DRIVE NORTH ON US HWY 81 FOR APPROX. 6.4 MILES
MILES TO THE INTERSECTION WITH NE 150th ST. THEN PROCEED APPROX. 2300 FEET EAST AND THE SITE IS IN A FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 35° 37' 23.4" N
LONG: 97° 57' 03.2" W
LAT: 35.623159° N
LONG: 97.950901° W
STATE PLANE
COORDINATES: (US FEET)
ZONE: OK NORTH
X: 2014593
Y: 226839

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

JOB NO.: 17001337

DATE OF DRAWING: 05-17-17

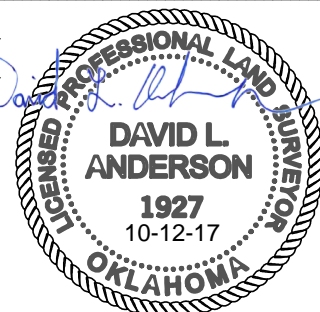
DATE STAKED: 05-12-17

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 10-12-17

Oklahoma Lic. No. 1927



REV#	DATE	DESC.
1	10/10/17	REVISED PAD

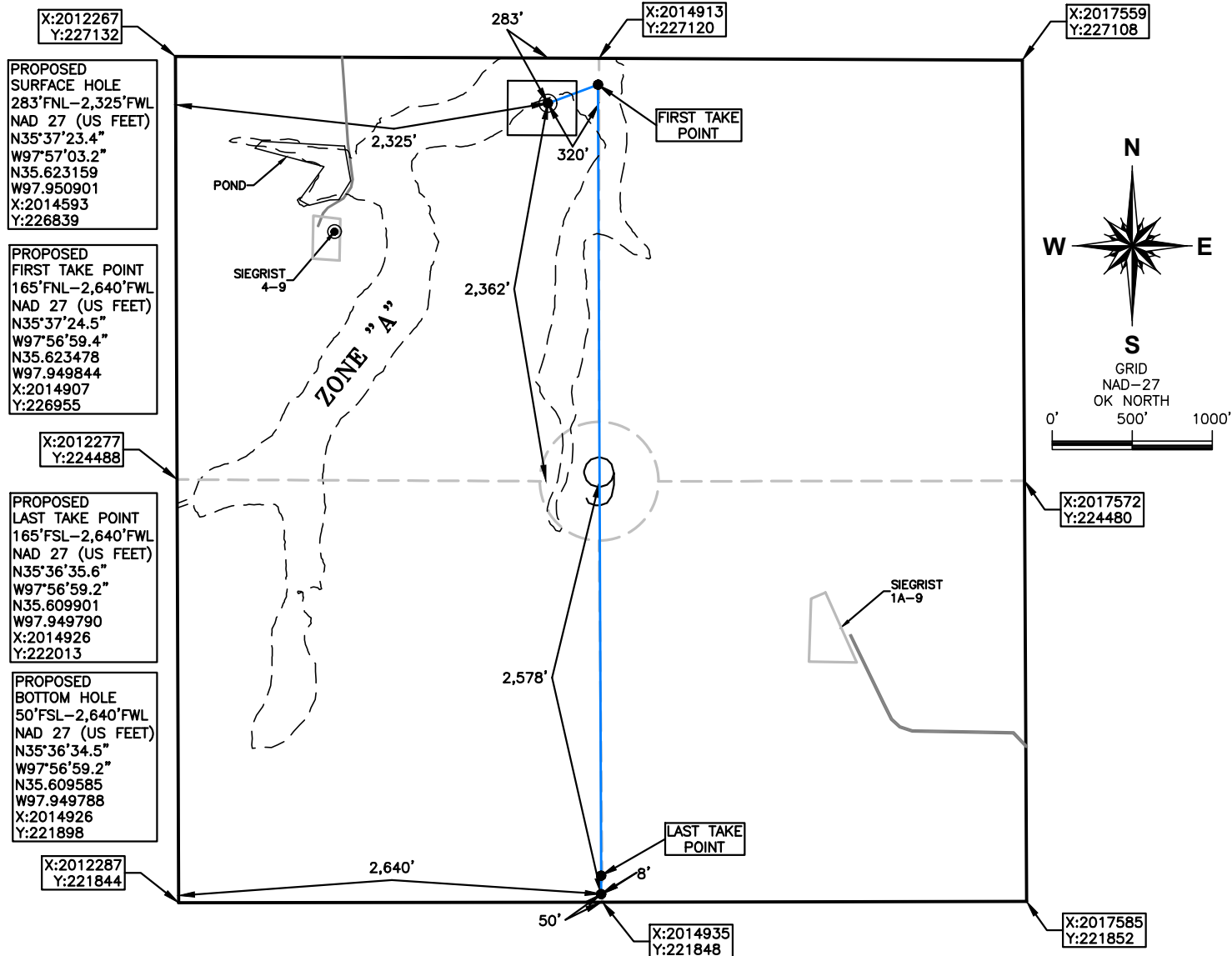


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Buford, GA 30518

CANADIAN COUNTY, OKLAHOMA

283' FNL - 2325' FWL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 3-9WH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:

1,250' GR. AT STAKE NAVD88

1,247' GR. AT STAKE NGVD29

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STAKES SET NONE

BEST ACCESS TO LOCATION: US HWY 81 TO THE WEST

DISTANCE AND DIRECTION FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF US HWY 81 AND SUNSET DR. IN THE TOWN OF EL RENO, OK: DRIVE NORTH ON US HWY 81 FOR APPROX. 6.4 MILES
MILES TO THE INTERSECTION WITH NE 150th ST. THEN PROCEED APPROX. 2300 FEET EAST AND THE SITE IS IN A FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 35° 37' 23.4" N
LONG: 97° 57' 03.2" W
LAT: 35.623159° N
LONG: 97.950901° W
STATE PLANE
COORDINATES: (US FEET)
ZONE: OK NORTH
X: 2014593
Y: 226839

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

JOB NO.: 17001337

DATE OF DRAWING: 05-17-17

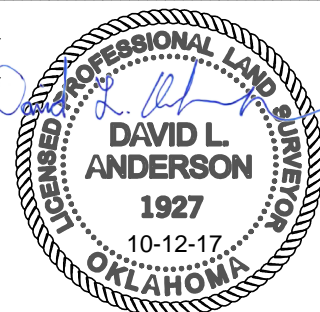
DATE STAKED: 05-12-17

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 10-12-17

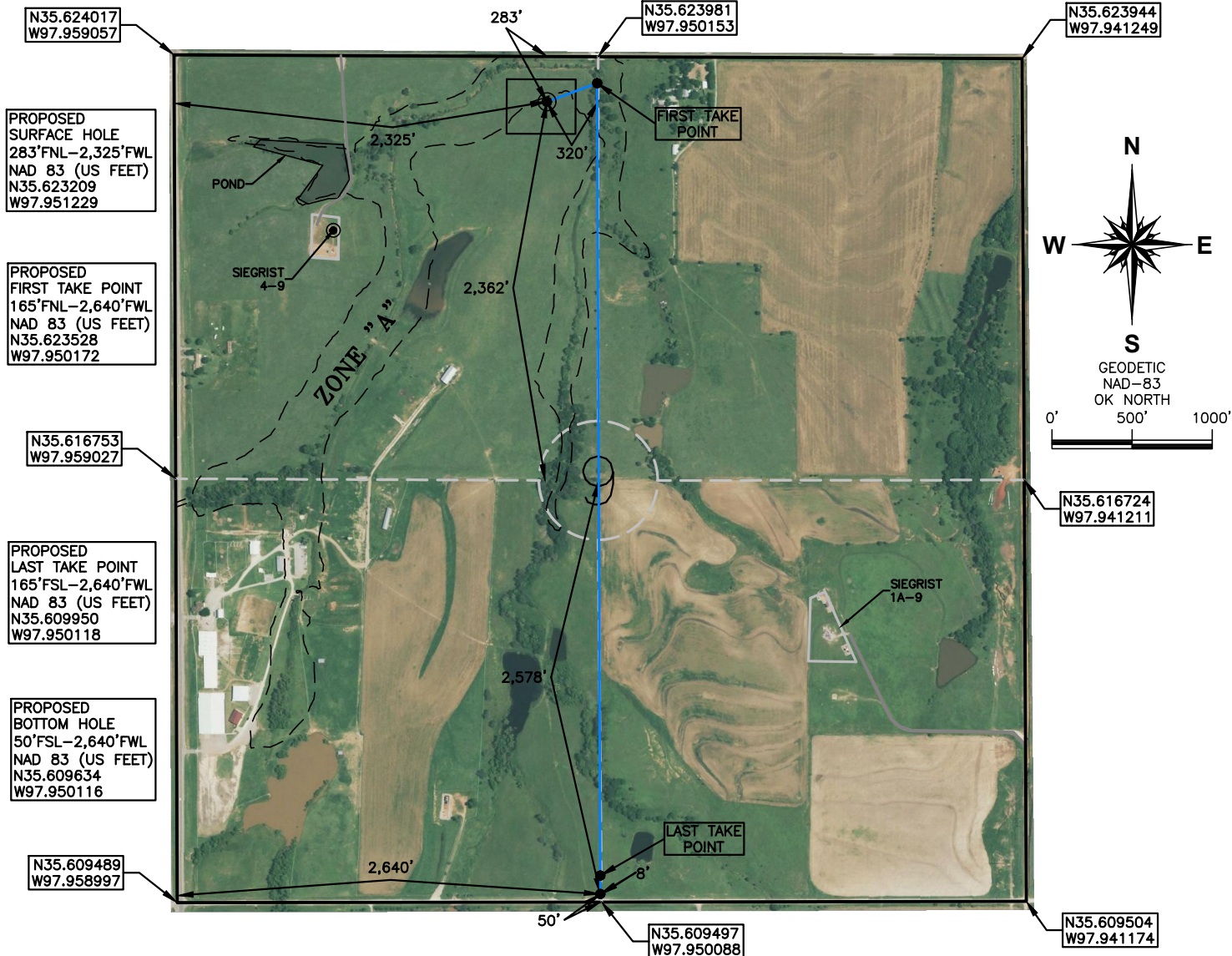
Oklahoma Lic. No. 1927



REV#	DATE	DESC.
1	10/10/17	REVISED PAD



CANADIAN COUNTY, OKLAHOMA
283' FNL - 2325' FWL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 3-9WH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:
1,250' GR. AT STAKE NAVD88
1,247' GR. AT STAKE NGVD29

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BEST ACCESS TO LOCATION: US HWY 81 TO THE WEST

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MILES TO THE INTERSECTION WITH NE 150th ST. THEN PROCEED APPROX. 2300 FEET EAST AND THE SITE IS IN A FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 83
LAT: 35.623209° N
LONG: 97.951229° W

JOB NO.: 17001337 DATE OF DRAWING: 05-17-17
DATE STAKED: 05-12-17

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 10-12-17

Oklahoma Lic. No. 1927



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

REV#	DATE	DESC.
1	10/10/17	REVISED PAD



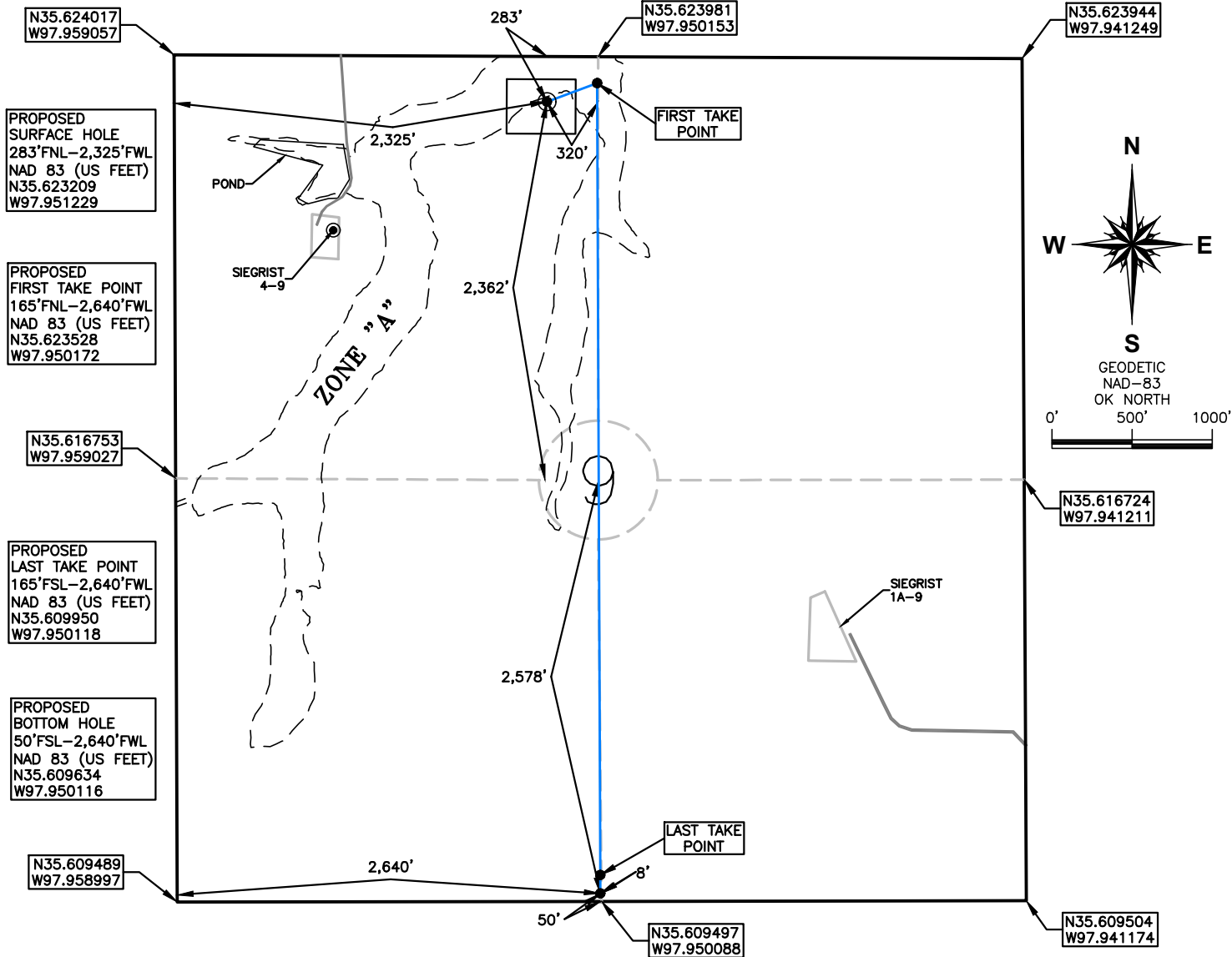
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Buford, GA 30518

CANADIAN COUNTY, OKLAHOMA

283' FNL - 2325' FWL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 3-9WH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:
1,250' GR. AT STAKE NAVD88
1,247' GR. AT STAKE NGVD29

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JOB NO.: 17001337

DATE STAKED: 05-12-17

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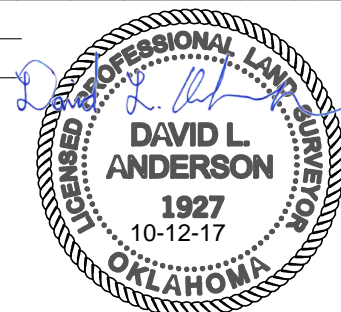
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David L. Anderson

10-12-17

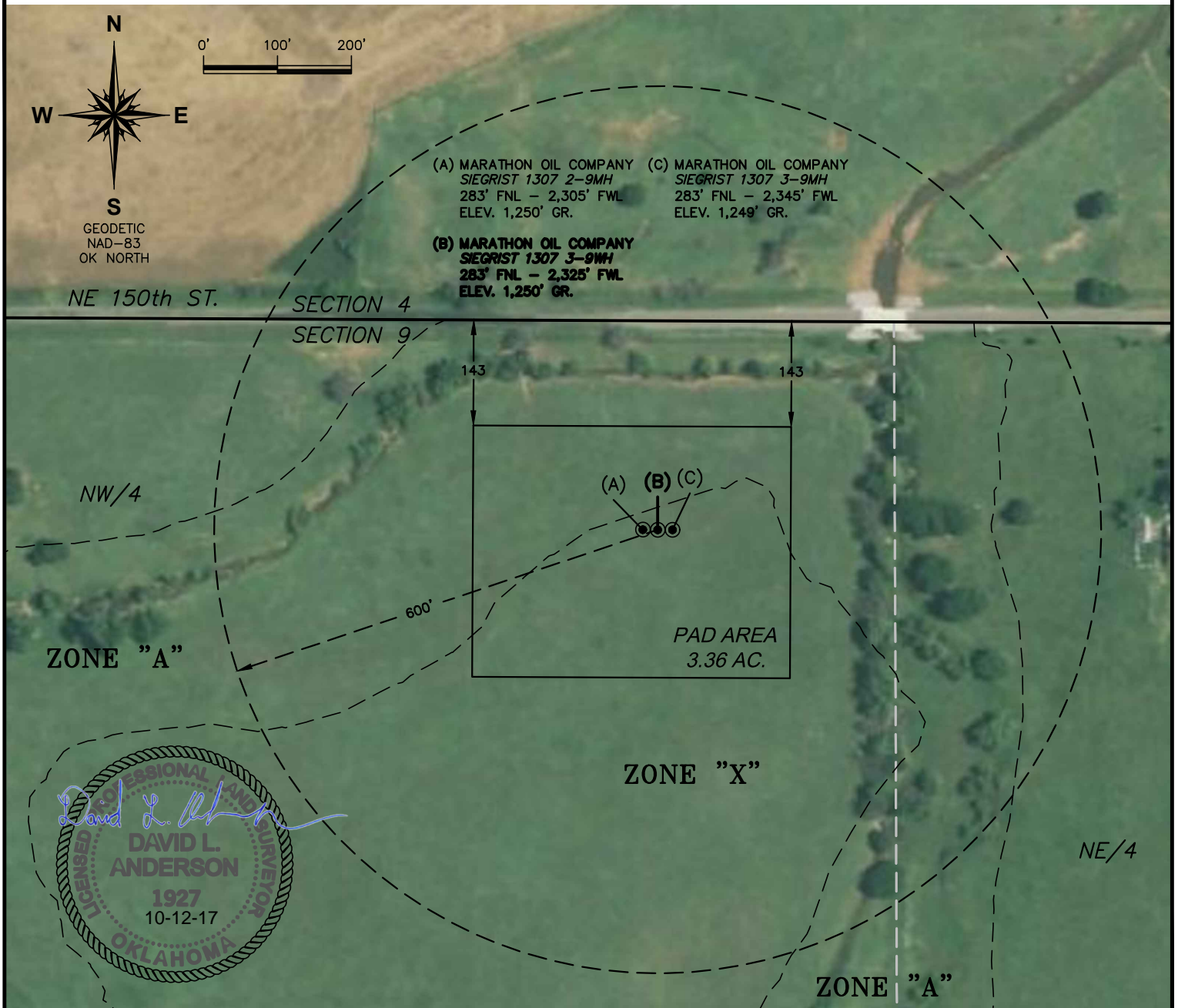
Oklahoma Lic. No. 1927

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



T13N - R7W

(INDIAN MERIDIAN)



NOTES:

1. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
2. PORTION OF THE WELL LOCATION AND PAD AREA LIE IN FLOOD ZONE "A".
3. NO DWELLINGS WITHIN 600' OF WELL PAD AREA.

David L. Anderson
Oklahoma Lic. No. 1927

10-12-17

PLAT SHOWING
600' RADIUS OF A PROPOSED WELL AND
PAD AREA FOR SIEGRIST 1307 3-9WH
IN THE NW/4 OF SECTION 9, T13N - R7W,
CANADIAN 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.

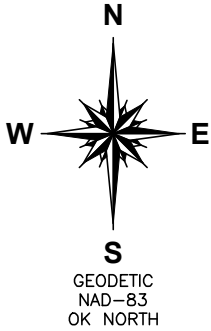

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1	10/10/17	REVISED PAD
REV#	DATE	DESC.
SCALE: 1" = 200'		
DATE: 05-17-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 1 OF 4		

T13N - R7W

(INDIAN MERIDIAN)



(A) MARATHON OIL COMPANY
SIEGRIST 1307 2-9MH
283' FNL - 2,305' FWL
ELEV. 1,250' GR.

(C) MARATHON OIL COMPANY
SIEGRIST 1307 3-9MH
283' FNL - 2,345' FWL
ELEV. 1,249' GR.

(B) MARATHON OIL COMPANY
SIEGRIST 1307 3-9WH
283' FNL - 2,325' FWL
ELEV. 1,250' GR.

NE 150th ST.

SECTION 4

SECTION 9

143

143

NW/4

ZONE "A"

(A) (B) (C)

PAD AREA
3.36 AC.

ZONE "X"

NE/4

ZONE "A"



David L. Anderson
Oklahoma Lic. No. 1927

10-12-17

NOTES:

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2. PORTION OF THE WELL LOCATION AND PAD AREA LIE IN FLOOD ZONE "A".
3. NO DWELLINGS WITHIN 600' OF WELL PAD AREA.

PLAT SHOWING
600' RADIUS OF A PROPOSED WELL AND
PAD AREA FOR SIEGRIST 1307 3-9WH
IN THE NW/4 OF SECTION 9, T13N - R7W,
CANADIAN COUNTY, OKLAHOMA

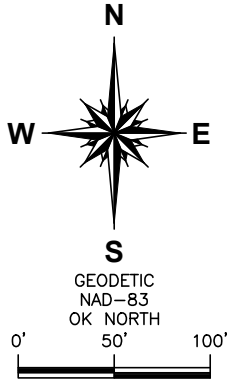
THIS PLAT WAS PREPARED EXCLUSIVELY FOR MARATHON OIL COMPANY AND MAY NOT BE
RELIED UPON BY ANY OTHER ENTITY WITHOUT THE CONSENT OF ATWELL, LLC.


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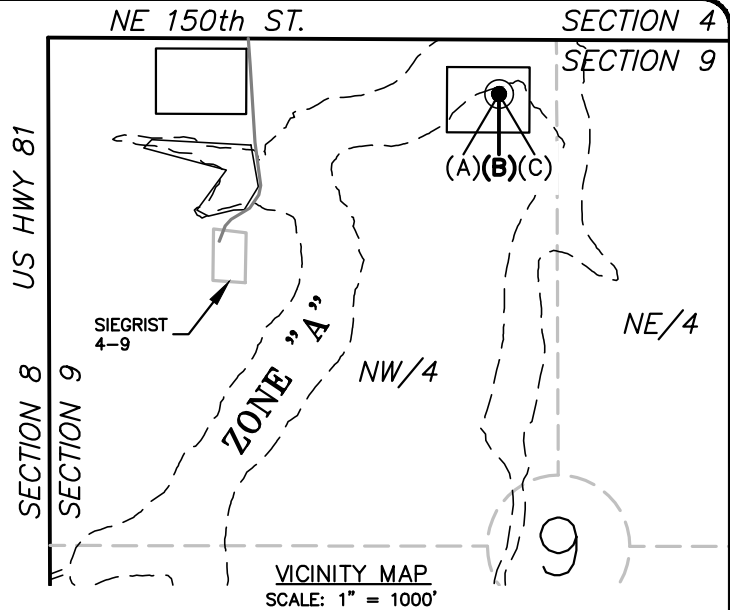
1	10/10/17	REVISED PAD
REV#	DATE	DESC.
SCALE: 1" = 200'		
DATE: 05-17-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 2 OF 4		

T13N - R7W
(INDIAN MERIDIAN)



10-12-17

David L. Anderson
Oklahoma Lic. No. 1927

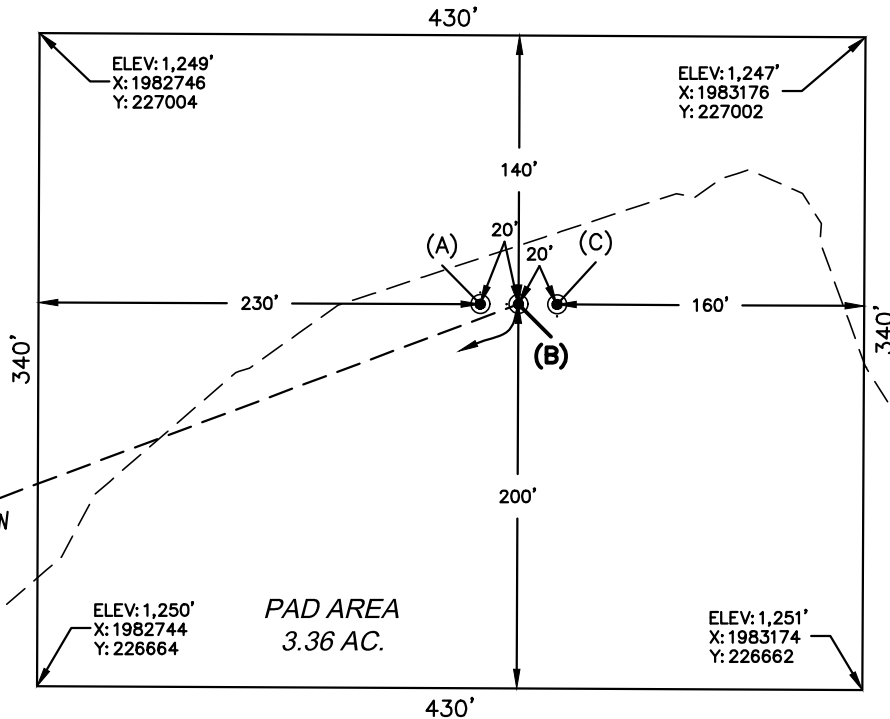


ZONE "A"

- (A) MARATHON OIL COMPANY
SIEGRIST 1307 2-9MH
283' FNL - 2,305' FWL
ELEV. 1,250' GR.
- (B) MARATHON OIL COMPANY
SIEGRIST 1307 3-9MH
283' FNL - 2,325' FWL
ELEV. 1,250' GR.
- (C) MARATHON OIL COMPANY
SIEGRIST 1307 3-9MH
283' FNL - 2,345' FWL
ELEV. 1,249' GR.

SIEGRIST
4-9

S58°56'25"W
1,556.52'



ZONE "X"

NOTES:

1. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
2. PORTIONS OF THIS WELL LOCATION AND PAD AREA LIE IN FLOOD ZONE "A".

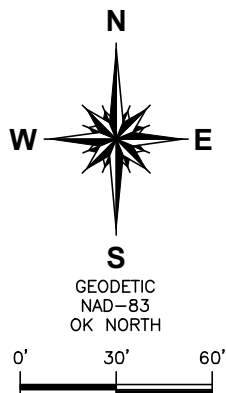
**PLAT SHOWING
PROPOSED PAD AREA IN THE
NW/4 OF SECTION 9, T13N - R7W,
CANADIAN COUNTY, OKLAHOMA**


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Buford, GA 30518

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1	10/10/17	REVISED PAD
REV#	DATE	DESC.
SCALE: 1" = 100'		
DATE: 05-17-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 3 OF 4		

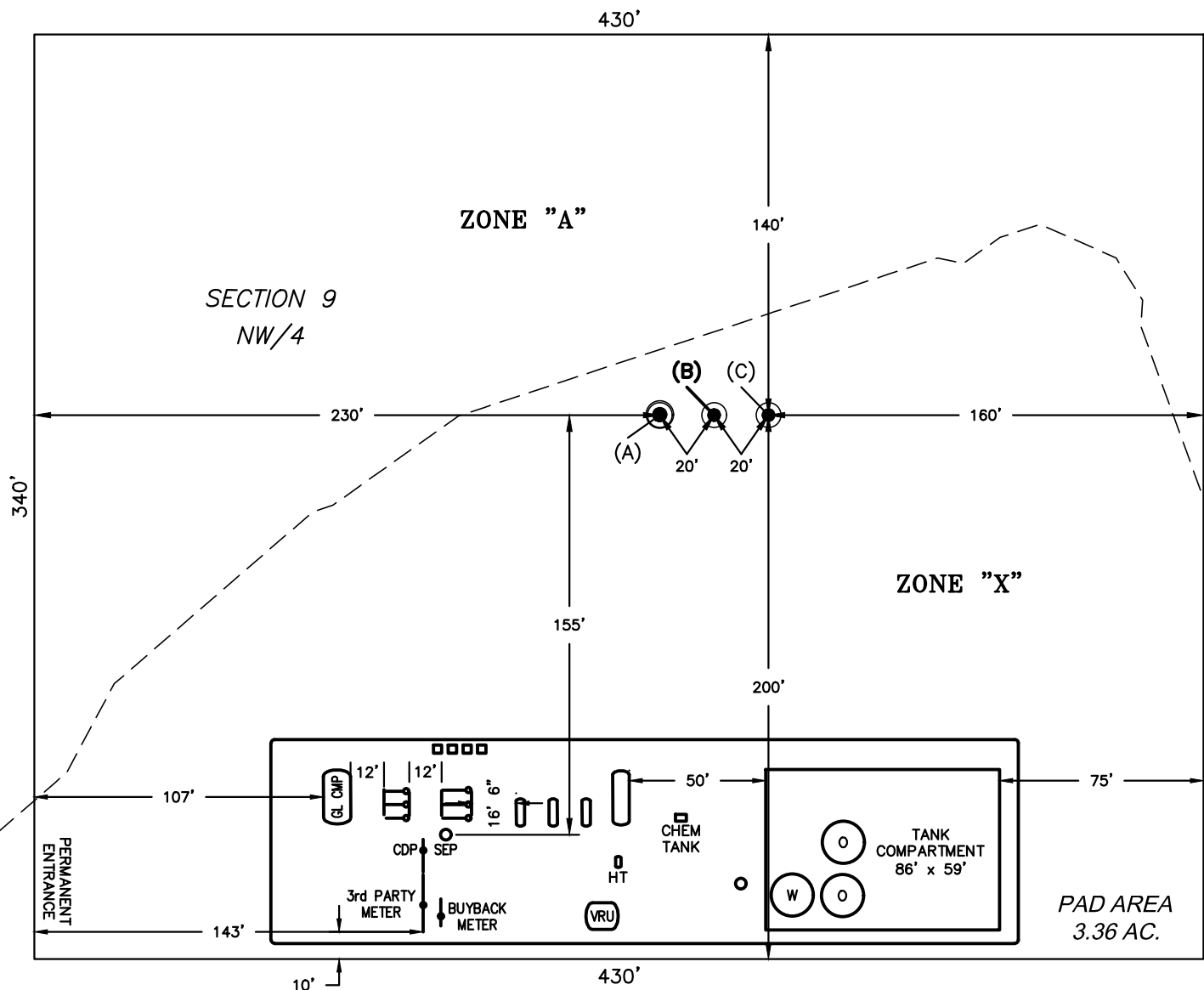


T13N - R7W (INDIAN MERIDIAN)

(A) MARATHON OIL COMPANY
SIEGRIST 1307 2-9MH
283' FNL - 2,305' FWL
ELEV. 1,250' GR.

(C) MARATHON OIL COMPANY
SIEGRIST 1307 3-9MH
283' FNL - 2,345' FWL
ELEV. 1,249' GR.

(B) MARATHON OIL COMPANY
SIEGRIST 1307 3-9MH
283' FNL - 2,325' FWL
ELEV. 1,250' GR.



PLAT SHOWING
THREE WELL FACILITY LAYOUT IN THE
NW/4 OF SECTION 9, T13N - R7W,
CANADIAN COUNTY, OKLAHOMA

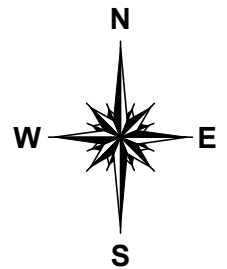
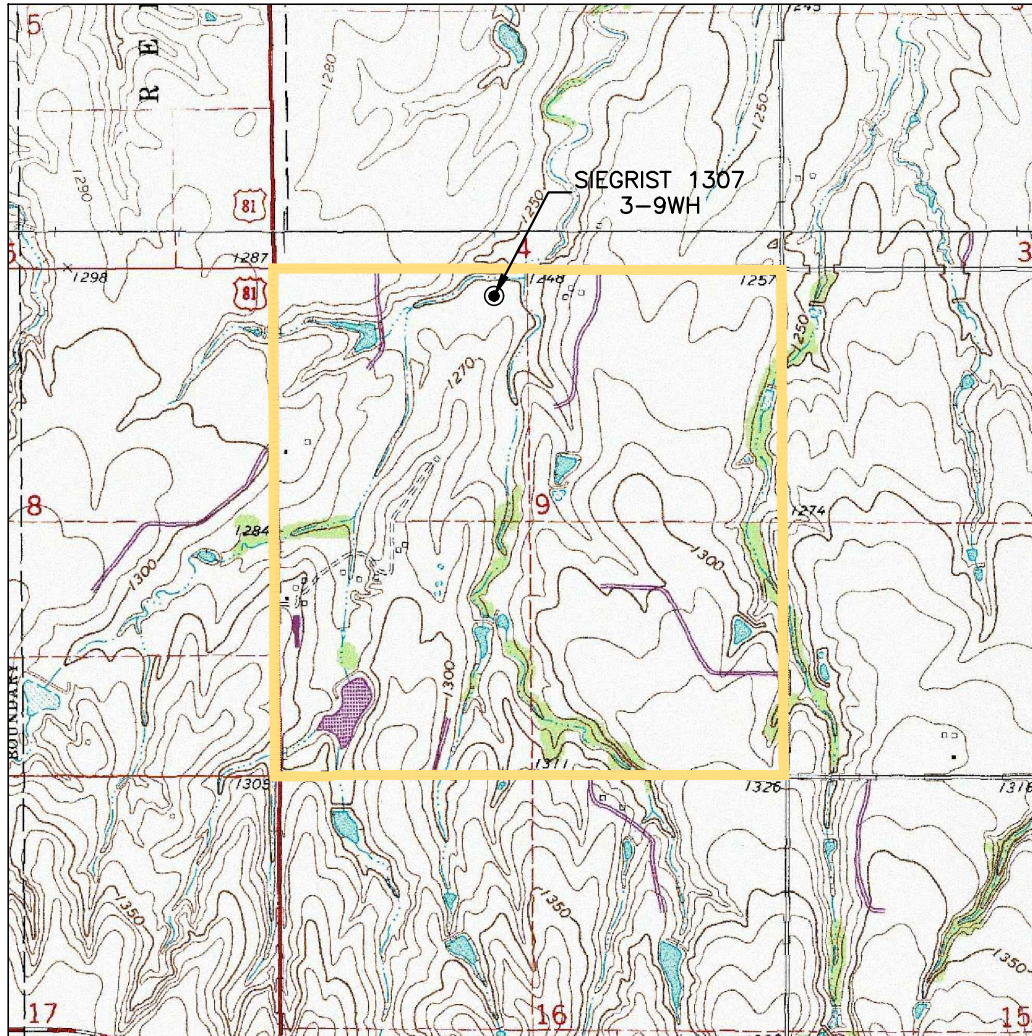

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Buford, GA 30518

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1	10/10/17	REVISED PAD
REV#	DATE	DESC.
SCALE: 1" = 60'		
DATE: 10/10/17		
DRAWN BY: RAD		
APP'D BY: OM & DA		
JOB NO.: 17001337		
SHEET: 4 OF 4		

LOCATION & ELEVATION VERIFICATION MAP



SEC. 9 TWP. 13N RNG. 7W

COUNTY CANADIAN STATE OK

OPERATOR MARATHON OIL COMPANY

DESCRIPTION 283' FNL - 2,325 FWL

LEASE SIEGRIST 1307 3-9WH

ELEVATION 1,250' GR. AT STAKE NAVD88
1,247' GR. AT STAKE NGVD29

U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP OKARCHE & EL RENO

ABOVE BACKGROUND DATA FROM
U.S.G.S. TOPOGRAPHIC MAP
SCALE: 1" = 2000'

CONTOUR INTERVAL 10'

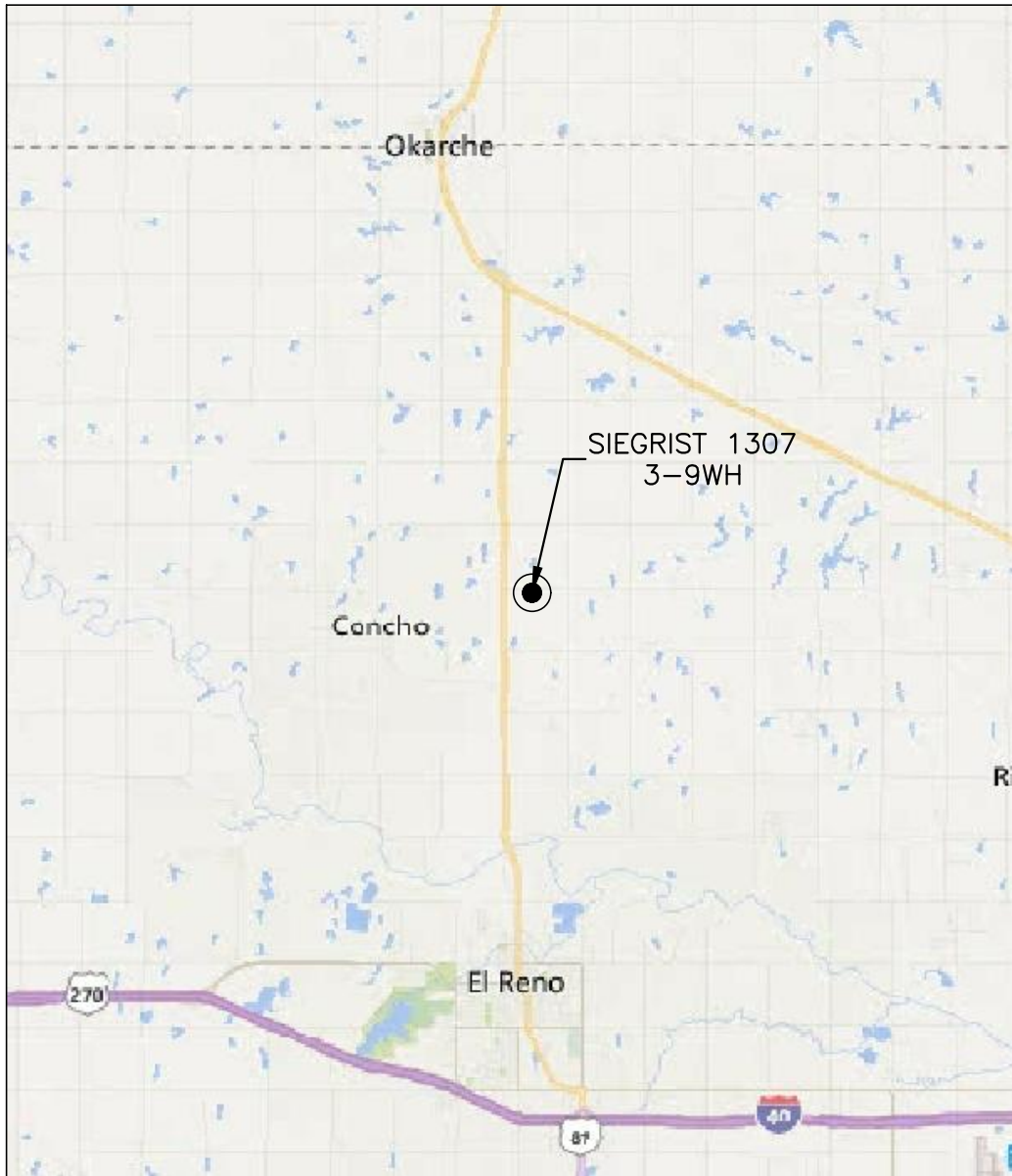
WHEN THE ELEVATION IS SHOWN HEREON IT IS THE GROUND
ELEVATION OF THE LOCATION STAKE.
REVIEW THIS PLAT AND INFORM US IMMEDIATELY OF ANY
POSSIBLE DISCREPANCY.



REV#	DATE	DESC.
1	10/10/17	REVISED PAD

11-Oct-2017 : 6:55 AM

VICINITY MAP



SCALE: 1" = 3 MILES

SEC. 9 TWP. 13N RNG. 7W
 COUNTY CANADIAN STATE OK
 OPERATOR MARATHON OIL COMPANY

REV#	DATE	DESC.
1	10/10/17	REVISED PAD



11-Oct-2017 : 6:55 AM