

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

API NUMBER: 017 25128

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:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 221 285

Lease Name: SIEGRIST 1307

Well No: 4-9MH

Well will be 221 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

JAMES WEHMULLER
1026 150TH STREET NE
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8650	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 647029

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703517
201703523

Special Orders:

Total Depth: 14720

Ground Elevation: 1262

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 280

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 09 Twp 13N Rge 7W County CANADIAN

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8650

Radius of Turn: 655

Direction: 182

Total Length: 5041

Measured Total Depth: 14720

True Vertical Depth: 9878

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

Notes:

Category

Description

DEEP SURFACE CASING

11/6/2017 - 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

11/6/2017 - 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: 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

11/6/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201703517

11/7/2017 - G58 - 9-13N-7W
X647029 MSSP
5 WELLS
NO OP NAMED
REC 6/26/2017 (DUNN)

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 25128 SIEGRIST 1307 4-9MH

Category	Description
PENDING CD - 201703523	11/7/2017 - G58 - (I.O.) 9-13N-7W X647029 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP NAMED REC 6/26/2017 (DUNN)
SPACING - 647029	11/7/2017 - G58 - (640) (HOR) 9-13N-7W EXT 634286 MSSP COMPL. INT. NCT 660' FB (COEXIST SP. ORDER # 137876 MCSTR, MSSP)

CANADIAN COUNTY, OKLAHOMA
221' FNL - 285' FEL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



SURFACE HOLE
221'FNL-285'FEL
NAD-27 (US FEET)
N35°37'23.9"
W97°56'30.8"
N35.623292
W97.941876
X:2017275
Y:226889

PROPOSED
FIRST PERF
165'FNL-330'FEL
NAD-27 (US FEET)
N35°37'24.4"
W97°56'31.3"
N35.623446
W97.942029
X:2017230
Y:226945

PROPOSED
LAST PERF
165'FSL-330'FEL
NAD-27 (US FEET)
N35°36'35.7"
W97°56'31.0"
N35.609907
W97.941958
X:2017254
Y:222017

PROPOSED
BOTTOM HOLE
50'FSL-330'FEL
NAD-27 (US FEET)
N35°36'34.5"
W97°56'31.0"
N35.609591
W97.941956
X:2017254
Y:221902

ELEVATION:
1,264' GR. AT STAKE NAVD88
1,262' GR. AT STAKE NGVD29

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 4-9MH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

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. 1 MILE EAST AND THE SITE IS IN A FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 35° 37' 23.9" N
LONG: 97° 56' 30.8" W
LAT: 35.623292° N
LONG: 97.941876° W
STATE PLANE
COORDINATES: (US FEET)
ZONE: OK NORTH
X: 2017275
Y: 226889

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

JOB NO.: 17001337
DATE OF DRAWING: 05-18-17
DATE STAKED: 05-12-17

CERTIFICATE:

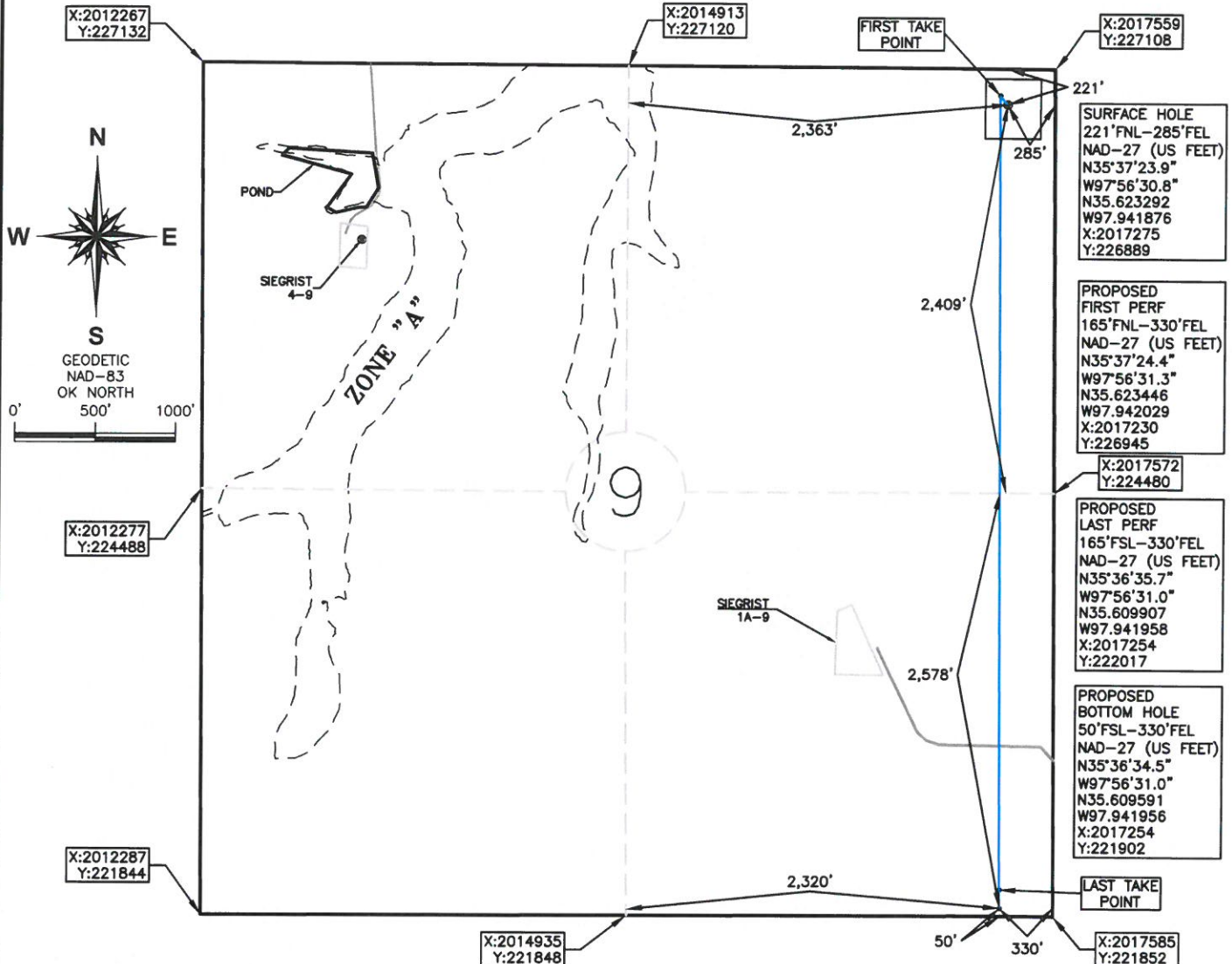
I, DAVID L. ANDERSON, an Oklahoma Licensed Land
Surveyor and an authorized agent of Atwell, LLC, do
hereby certify to the information shown herein

Oklahoma Lic. No. 1927 05-19-17





CANADIAN COUNTY, OKLAHOMA
221' FNL - 285' FEL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 4-9MH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:

1,264' GR. AT STAKE NAVD88

1,262' GR. AT STAKE NGVD29

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LONG: 97° 56' 30.8" W

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STATE PLANE
COORDINATES: (US FEET)

ZONE: OK NORTH

X: 2017275

Y: 226889

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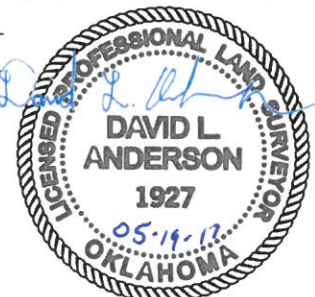
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DATUM: NAD 83

LAT: 35.623342° N

LONG: 97.942204° W

DATE OF DRAWING: 05-18-17

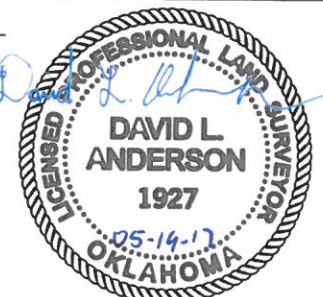
JOB NO.: 17001337

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
Oklahoma Lic. No. 1927 05-14-17



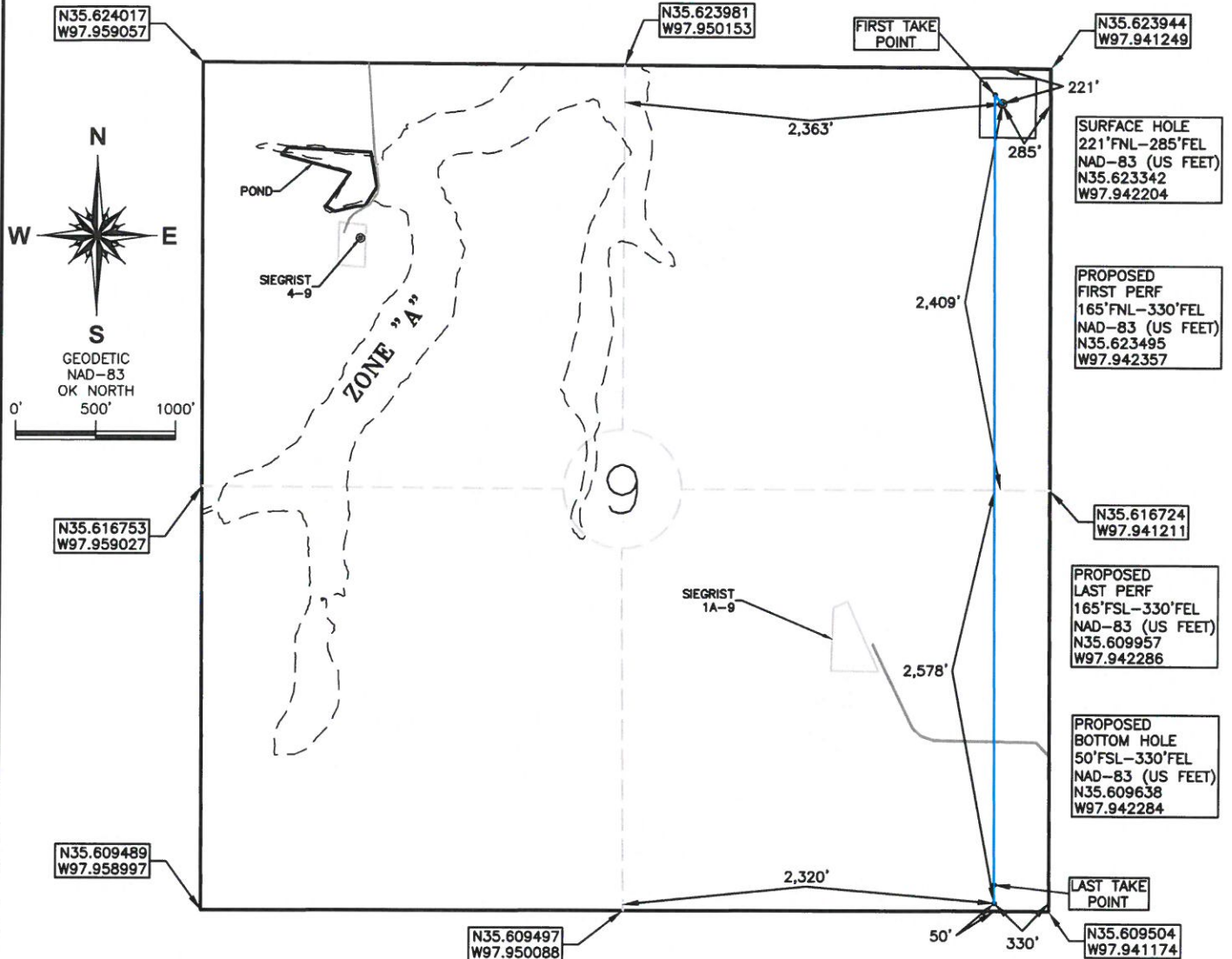
This information was gathered with a GPS receiver with ±1 foot Horiz/Vert accuracy.



ATWELL
866.850.4200 www.atwell-group.com
4271 South Lee St., Suite 202
Buford, GA 30518

CANADIAN COUNTY, OKLAHOMA

221' FNL - 285' FEL SECTION 9 TOWNSHIP 13N RANGE 7W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SIEGRIST 1307

WELL NO.: 4-9MH

TOPOGRAPHY & VEGETATION: CULTIVATED PASTURE

ELEVATION:

1,264' GR. AT STAKE NAVD88

1,262' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

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DISTANCE AND DIRECTION

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DATUM: NAD 83

DATE OF DRAWING: 05-18-17

LAT: 35.623342° N

JOB NO.: 17001337

DATE STAKED: 05-12-17

LONG: 97.942204° W

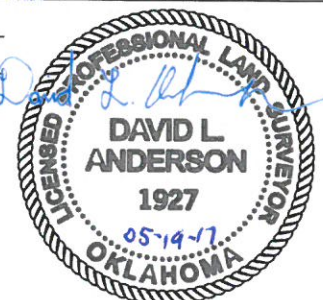
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David L. Anderson

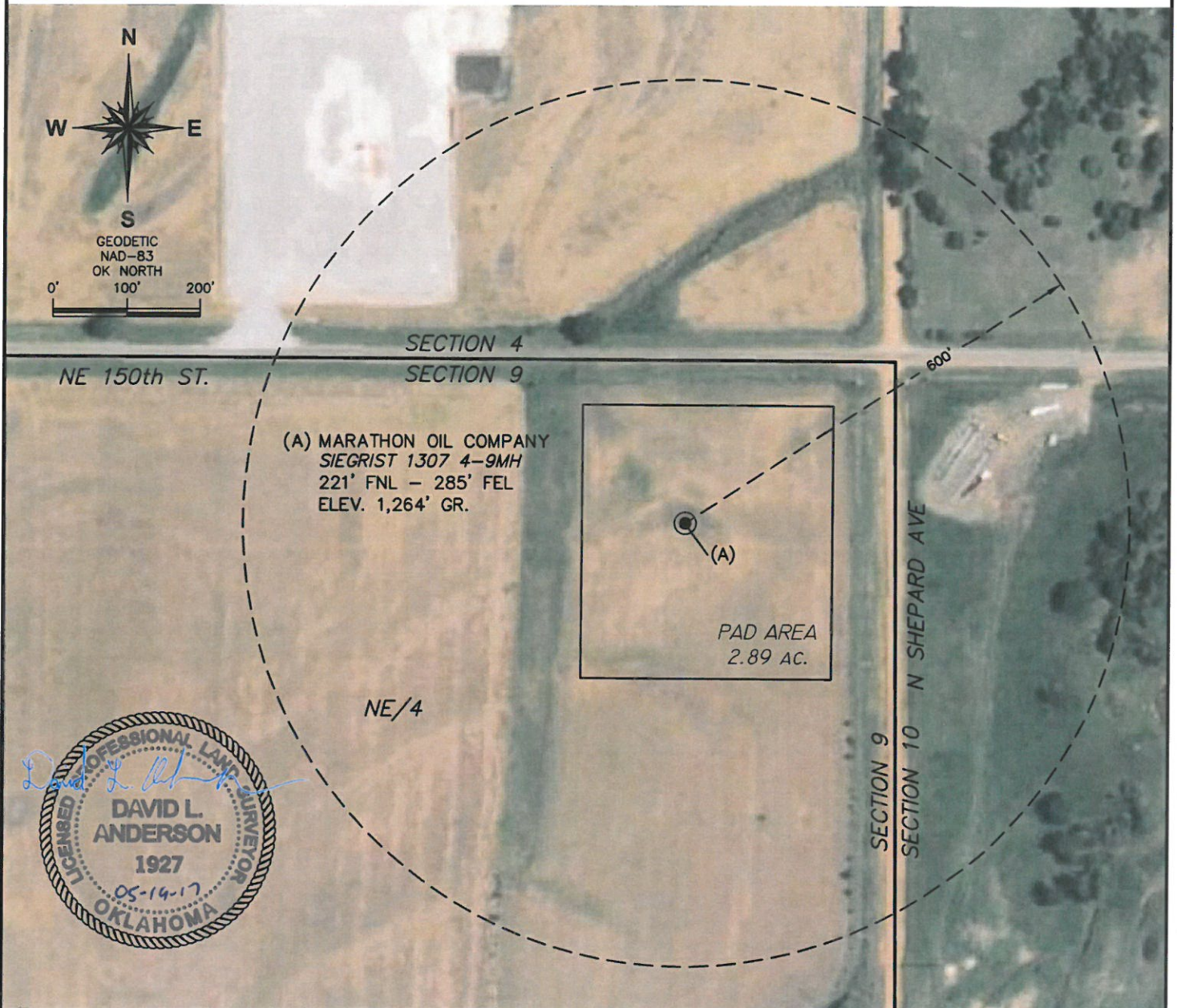
Oklahoma Lic. No. 1927

05-19-17



(This information was
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with ±1 foot Horiz/Vert accuracy.)

T13N - R7W
(INDIAN MERIDIAN)



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.

David L. Anderson
Oklahoma Lic. No. 1927 05-14-17

**PLAT SHOWING
600' RADIUS OF A PROPOSED WELL AND
PAD AREA FOR SIEGRIST 1307 4-9MH
IN THE NE/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.


Marathon Oil
Corporation™

 **ATWELL**
866.850.4200 www.atwell-group.com
4271 South Lee St., Suite 202
Buford, GA 30518

REV#	DATE	DESC.
SCALE: 1" = 200"		
DATE: 05-18-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 1 OF 3		

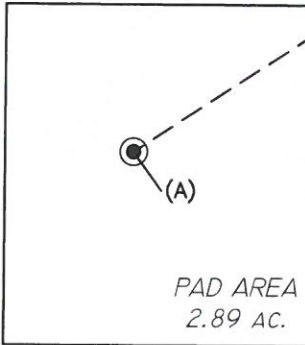
T13N - R7W
(INDIAN MERIDIAN)



NE 150th ST.

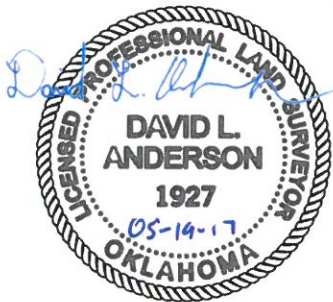
SECTION 4
SECTION 9

(A) MARATHON OIL COMPANY
SIEGRIST 1307 4-9MH
221' FNL - 285' FEL
ELEV. 1,264' GR.



NE/4

SECTION 9
SECTION 10 N SHEPARD AVE



David L. Anderson
Oklahoma Lic. No. 1927 05-14-17

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IN THE NE/4 OF SECTION 9, T13N - R7W,
CANADIAN COUNTY, OKLAHOMA**

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Marathon Oil
Corporation

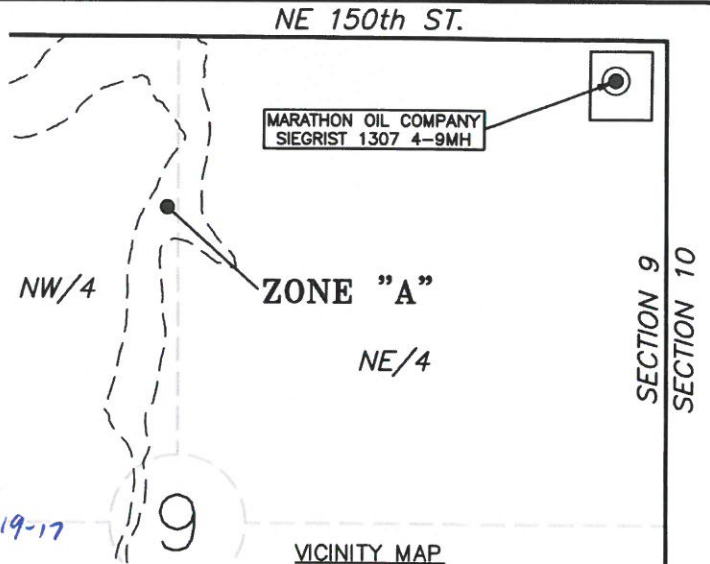
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4271 South Lee St., Suite 202
Buford, GA 30518

REV#	DATE	DESC.
SCALE: 1" = 200"		
DATE: 05-18-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 2 OF 3		

T13N - R7W
(INDIAN MERIDIAN)



David L. Anderson
Oklahoma Lic. No. 1927 05-19-17

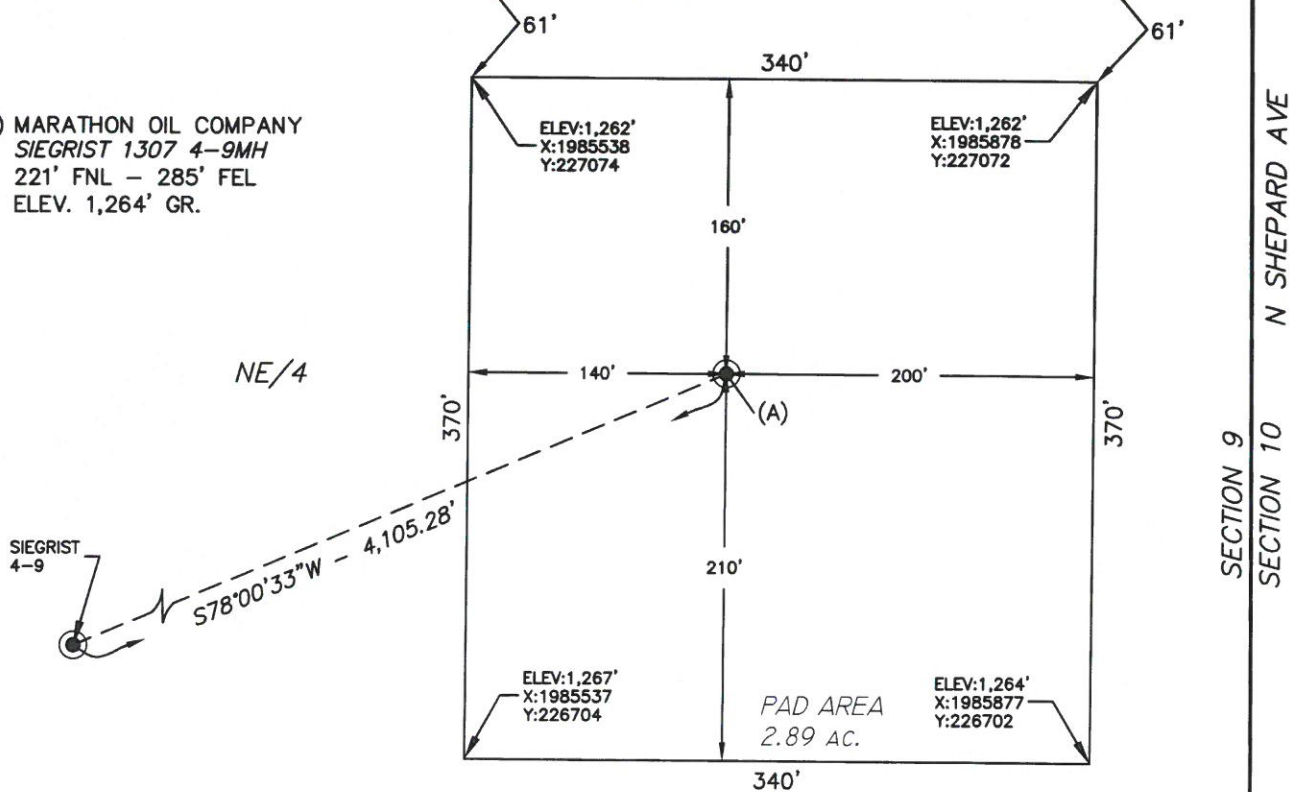


VICINITY MAP
SCALE: 1" = 1000'

NE 150th ST.

SECTION 4
SECTION 9

(A) MARATHON OIL COMPANY
SIEGRIST 1307 4-9MH
221' FNL - 285' FEL
ELEV. 1,264' GR.



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

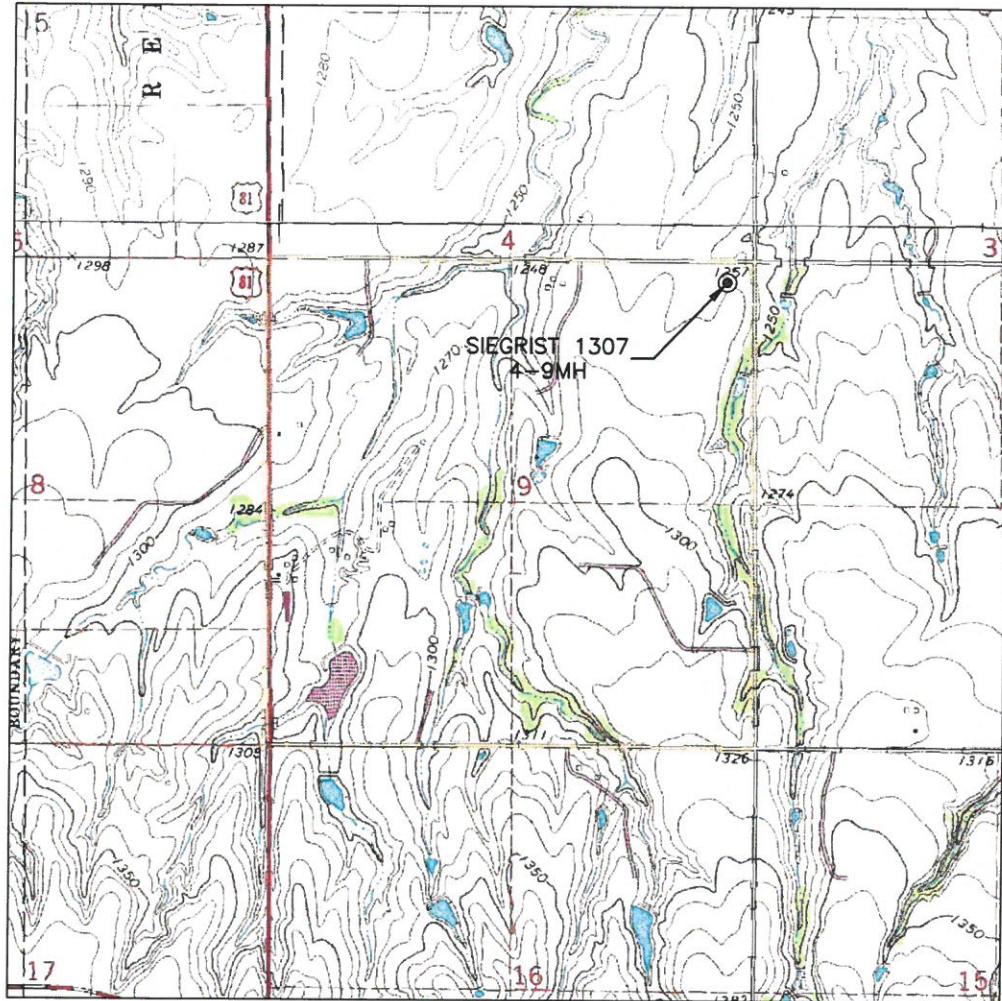

Marathon Oil
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REV#	DATE	DESC.
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DATE: 05-18-17		
DRAWN BY: RAD		
APP'D BY: LN & DA		
JOB NO.: 17001337		
SHEET: 3 OF 3		

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

LOCATION & ELEVATION VERIFICATION MAP



SEC. 9 TWP. 13N RNG. 7W

COUNTY CANADIAN STATE OK

OPERATOR MARATHON OIL COMPANY

DESCRIPTION 221' FNL - 285' FEL

LEASE SIEGRIST 1307 4-9MH

ELEVATION 1,264' GR. AT STAKE NAVD88
1,262' GR. AT STAKE NGVD29

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

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

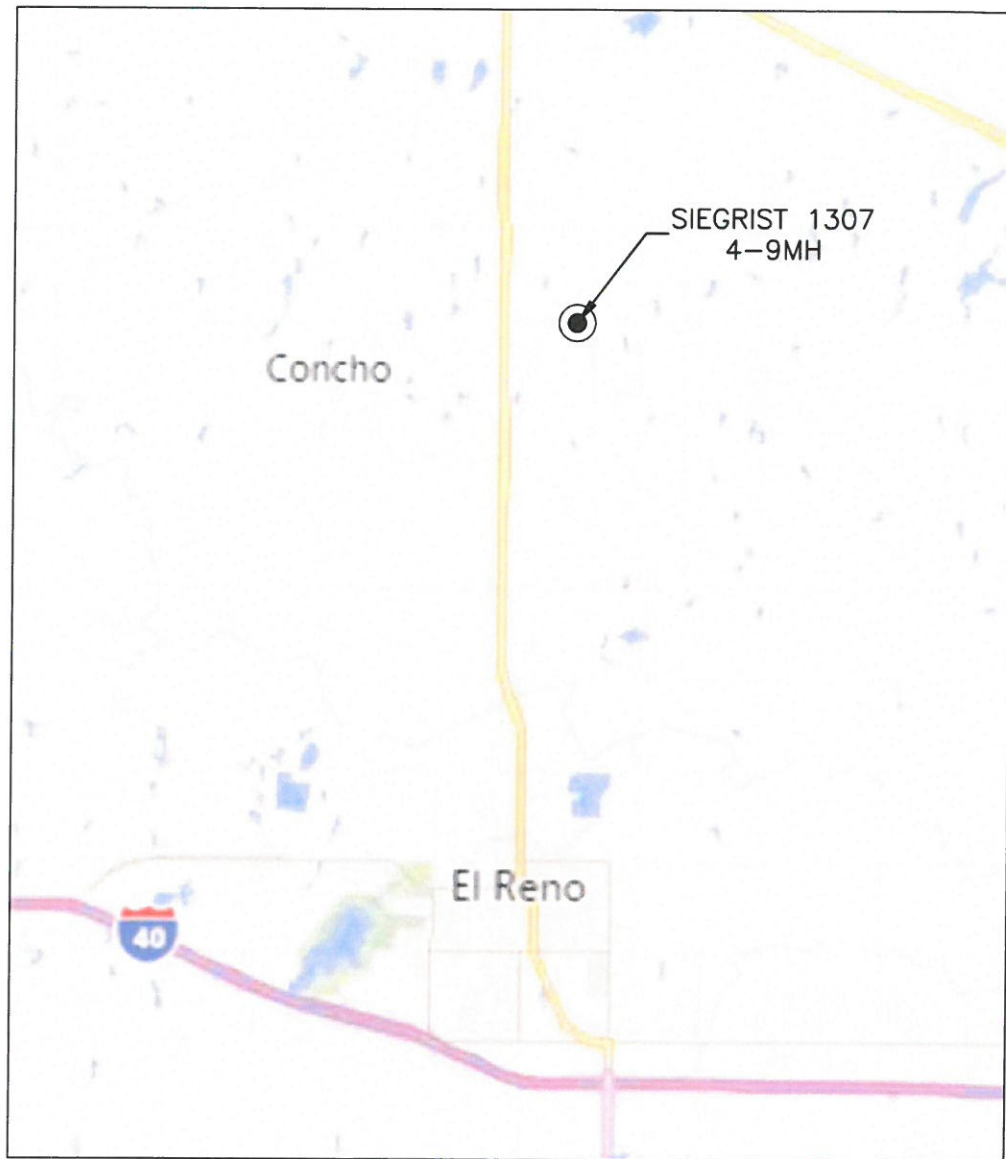
CONTOUR INTERVAL 10'

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.



18-May-2017 : 9:07 AM

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 9 TWP. 13N RNG. 7W

COUNTY CANADIAN STATE OK

OPERATOR MARATHON OIL COMPANY



18-May-2017 : 7:48 AM