

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

API NUMBER: 051 24405

Approval Date: 07/12/2018

Expiration Date: 01/12/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 5N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 226 872

Lease Name: ELLIS 0506

Well No: 1-25-36WXH

Well will be 226 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

CLINTON & CRYSTAL ELLIS
1840 COUNTY ROAD 1470
BRADLEY OK 73011

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

Name	Depth	Name	Depth
1 WOODFORD	14500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 457901

Location Exception Orders: 679798

Increased Density Orders: 678326

Pending CD Numbers: 201704965

Special Orders:

Total Depth: 25178

Ground Elevation: 1151

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 140

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 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

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

PERMIT NO: 17-33428

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 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 36 Twp 5N Rge 6W County GRADY

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 14048

Radius of Turn: 477

Direction: 185

Total Length: 10380

Measured Total Depth: 23526

True Vertical Depth: 14500

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

Notes:

Category

Description

DEEP SURFACE CASING

7/5/2018 - 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

7/5/2018 - 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

INCREASED DENSITY - 678326

7/10/2018 - G57 - W2 25 & W2 36-5N-6W
X457901 WDFD
3 WELLS
NO OP. NAMED
5-25-2018

LOCATION EXCEPTION - 679798

7/12/2018 - G57 - (I.O.) W2 25 & W2 36-5N-6W
X457901 WDFD
X165:10-3-28(C)(2)(B) WDFD (ELLIS 0506 1-25-36WXH) MAY BE CLOSER THAN 600' FROM MORRIS NO. 1-25
NO OP. NAMED
6-29-2018

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

051 24405 ELLIS 0506 1-25-36WXH

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

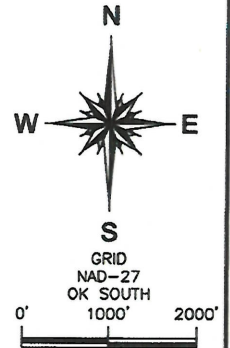
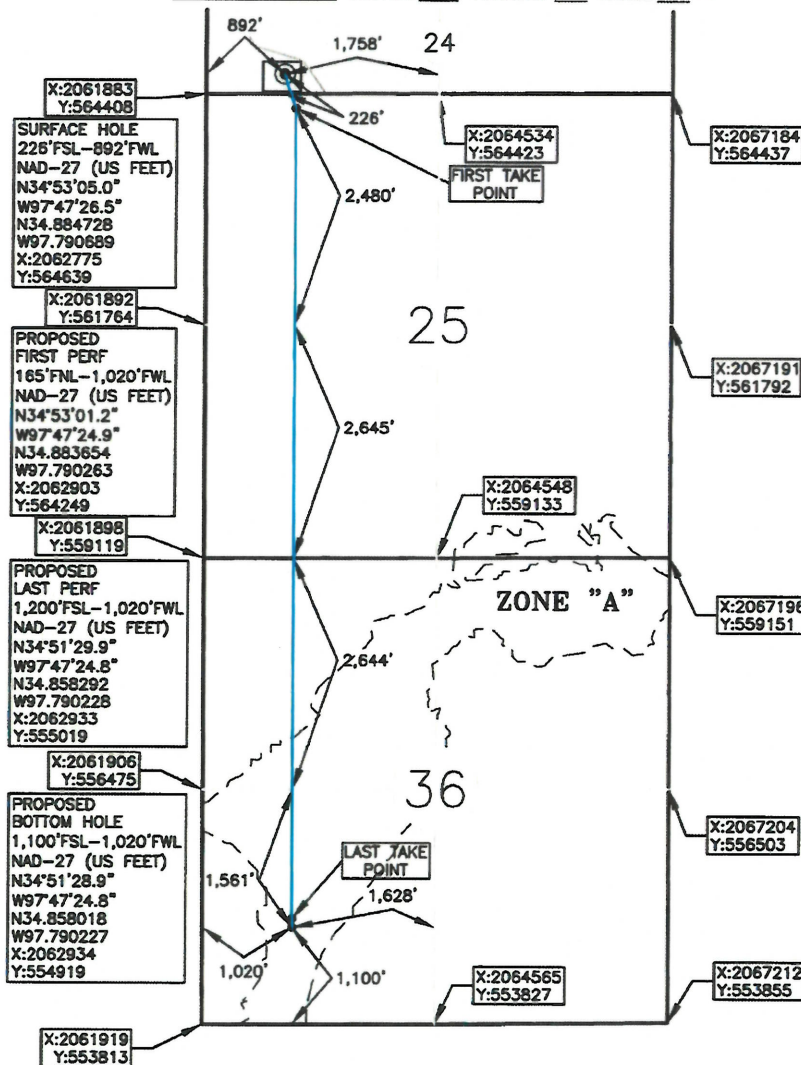
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
MEMO	7/5/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201704965	7/12/2018 - G57 - (I.O.) W2 25 & W2 36-5N-6W X457901 WDFD COMPL. INT. (25-5N-6W) NCT 165' FNL, NCT 330' FWL COMPL. INT. (36-5N-6W) NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 10-30-2017 (P. PORTER)
SPACING - 457901	7/10/2018 - G57 - (640)(IRRG-UNIT) W2 25 & W2 36-5N-6W EXT 421185 WDFD, OTHER POE TO BHL NLT 660' FB



GRADY COUNTY, OKLAHOMA

226' FSL - 892' FWL SECTION 24 TOWNSHIP 5N RANGE 6W 1.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: ELLIS 0506

WELL NO: 2-25-36WXH

ELEVATION:
1,154' GR. AT STAKE NAVD88
1,152' GR. AT STAKE NGVD29

TOPOGRAPHY & VEGETATION: CULTIVATED FIELD

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

BEST ACCESS TO LOCATION: CR 1470 TO THE SOUTH.

DISTANCE AND DIRECTION FROM HWY JCT OR TOWN: FROM THE INTERSECTION OF OK STATE HWY 19 AND NORTH MAIN STREET IN ALEX, OK, DRIVE SOUTHEASTERLY FOR APPROX. 1/4 MILE. THEN PROCEED SOUTHERLY ON CAH-PARALL RD. FOR APPROX. 1.7 MILES. TURN RIGHT ON CR 1470 AND DRIVE WEST FOR .8 MILES. THE SITE IS IN THE FIELD ON THE NORTH SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 34° 53' 05.0" N
LONG: 97° 47' 26.5" W
LAT: 34.884728° N
LONG: 97.790689° W
STATE PLANE COORDINATES: (US FEET)
ZONE: OK SOUTH
X: 2062775
Y: 564639

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

JOB NO.: 17001338

DATE OF DRAWING: 05-19-17

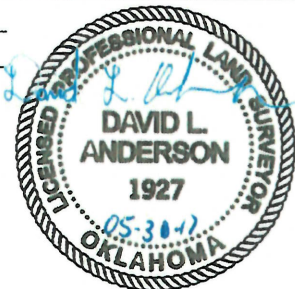
DATE STAKED: 05-16-17

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

05-30-17





REV#	DATE	DESC.
1	6/20/17	ADDED FACILITY & CHANGED LATERAL

SURFACE HOLE
226'FSL-912'FWL
NAD-27 (US FEET)
N34°53'05.0"
W97°47'26.2"
N34.884728
W97.790623
X:2062795
Y:564640

PROPOSED
FIRST PERF
165'FNL-2,340'FWL
NAD-27 (US FEET)
N34°53'01.2"
W97°47'09.1"
N34.883667
W97.785862
X:2064223
Y:564256

LATERAL BEND 1
0'FSL-2,340'FWL
NAD-27 (US FEET)
N34°52'10.5"
W97°47'09.1"
N34.869584
W97.785850
X:2064238
Y:559131

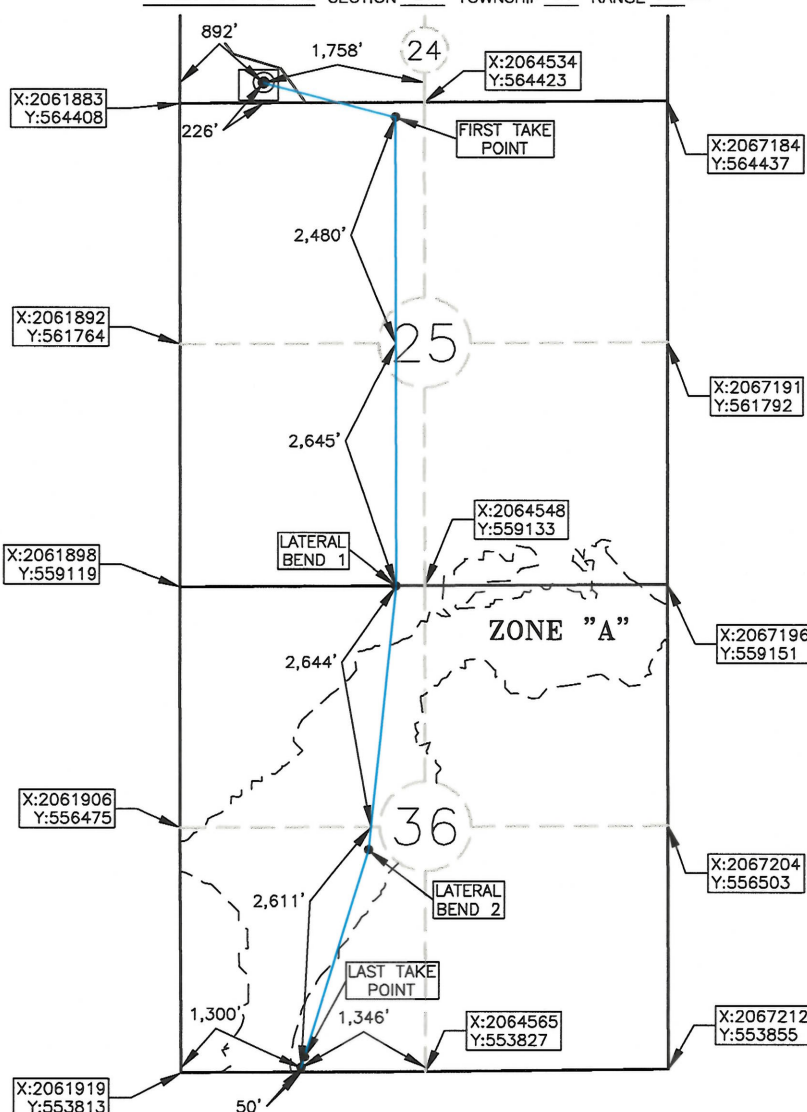
LATERAL BEND 2
2,410'FSL-2,040'FWL
NAD-27 (US FEET)
N34°51'41.9"
W97°47'12.6"
N34.861626
W97.786841
X:2063947
Y:556234

PROPOSED
LAST PERF
165'FSL-1,336'FWL
NAD-27 (US FEET)
N34°51'19.6"
W97°47'21.0"
N34.855451
W97.789164
X:2063255
Y:553985

PROPOSED
BOTTOM HOLE
50'FSL-1,300'FWL
NAD-27 (US FEET)
N34°51'18.5"
W97°47'21.4"
N34.855135
W97.789283
X:2063219
Y:553870

GRADY COUNTY, OKLAHOMA

226' FSL - 912' FWL SECTION 24 TOWNSHIP 5N RANGE 6W I.M.



OPERATOR: MARATHON OIL COMPANY

LEASE NAME: ELLIS 0506

WELL NO.: 3-25-36WXH

ELEVATION:

1,154' GR. AT STAKE NAVD88

1,152' GR. AT STAKE NGVD29

TOPOGRAPHY & VEGETATION: CULTIVATED FIELD

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: CR 1470 TO THE SOUTH.

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN FROM THE INTERSECTION OF OK STATE HWY 19 AND NORTH MAIN STREET IN ALEX, OK, DRIVE SOUTHEASTERLY FOR APPROX. 1/4 MILE. THEN PROCEED
SOUTHERLY ON CAHPARALL RD. FOR APPROX. 1.7 MILES. TURN RIGHT ON CR 1470 AND DRIVE WEST FOR .8 MILES. THE SITE IS IN THE FIELD ON THE NORTH SIDE OF THE ROAD.

DATUM: NAD 27
LAT: 34° 53' 05.0" N
LONG: 97° 47' 26.2" W
LAT: 34.884728° N
LONG: 97.790623° W

STATE PLANE
COORDINATES: (US FEET)
ZONE: OK SOUTH
X: 2062795
Y: 564640

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

JOB NO.: 17001338

DATE OF DRAWING: 06-20-17

DATE STAKED: 05-16-17

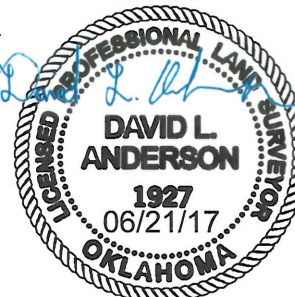
CERTIFICATE:

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

06/21/17

Oklahoma Lic. No. 1927

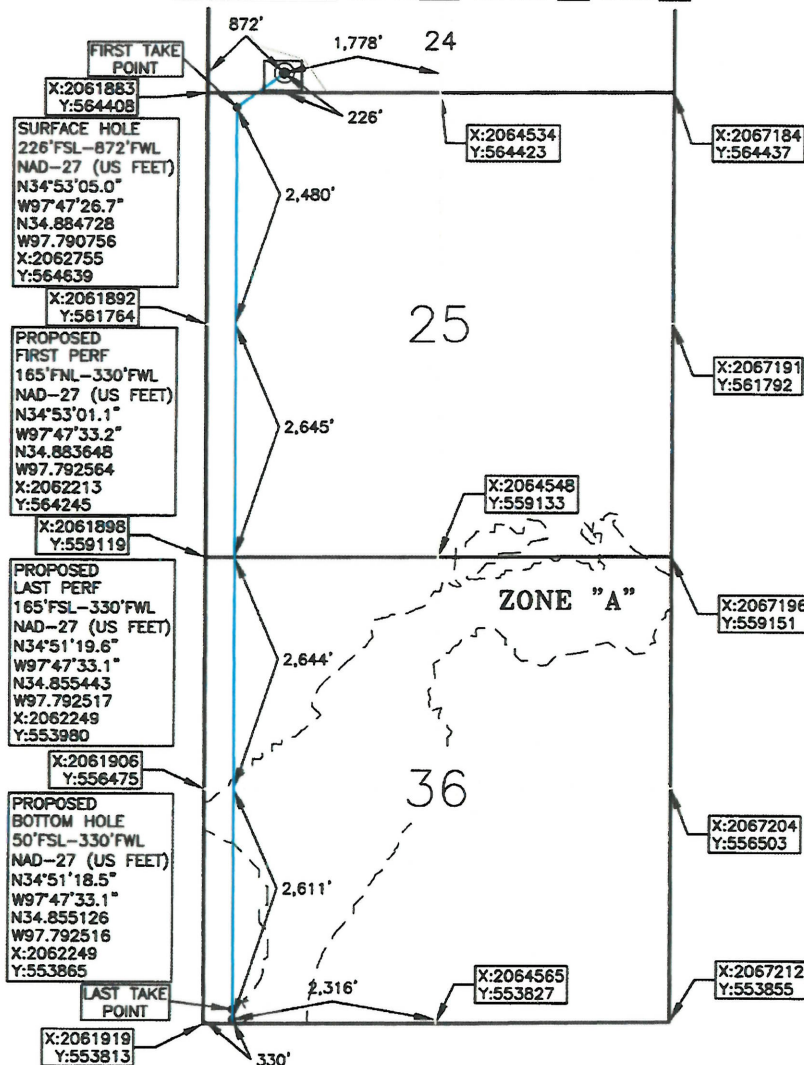




ATWELL
866.850.4200 www.atwell-group.com
4271 South Lee St. Suite 202
Buford, GA 30518

GRADY COUNTY, OKLAHOMA

226' FSL - 872' FWL SECTION 24 TOWNSHIP 5N RANGE 6W 1M



OPERATOR MARATHON OIL COMPANY

LEASE NAME ELLIS 0506

TOPOGRAPHY & VEGETATION CULTIVATED FIELD

WELL NO: 1-25-36WXH

ELEVATION:

1,154' GR. AT STAKE NAVD88

1,151' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION CR 1470 TO THE SOUTH

DISTANCE AND DIRECTION

FROM HWY JCT OR TOWN FROM THE INTERSECTION OF OK STATE HWY 19 AND NORTH MAIN STREET IN ALEX, OK. DRIVE SOUTHEASTERLY FOR APPROX 1/4 MILE THEN PROCEED SOUTHERLY ON CAHPARALL RD. FOR APPROX 1.7 MILES TURN RIGHT ON CR 1470 AND DRIVE WEST FOR .8 MILES THE SITE IS IN THE FIELD ON THE NORTH SIDE OF THE ROAD

DATUM NAD 27

LAT 34° 53' 05.0" N

LONG 97° 47' 26.7" W

LAT 34 884728" N

LONG 97 790756" W

STATE PLANE

COORDINATES: (US FEET)

ZONE OK SOUTH

X 2062755

Y 564639

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

DATE OF DRAWING 05-19-17

JOB NO 17001338

DATE STAKED 05-16-17

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

05-30-17

