

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

API NUMBER: 137 27537

Approval Date: 06/07/2018

Expiration Date: 12/07/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 2N Rge: 4W

County: STEPHENS

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 270 1549

Lease Name: PAPA PUMP 0204

Well No: 1-3-34SXH

Well will be 270 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

CONTINENTAL RESOURCES  
20 N. BROADWAY  
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	SPRINGER	11582	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 131585  
212610  
639913

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802686  
201802685

Special Orders:

Total Depth: 23399

Ground Elevation: 1192

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: No

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: 18-33770

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 34 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 825

Depth of Deviation: 11375

Radius of Turn: 1275

Direction: 357

Total Length: 10020

Measured Total Depth: 23399

True Vertical Depth: 13347

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

Notes:

Category

Description

DEEP SURFACE CASING

5/18/2018 - 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

5/18/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

5/18/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201802685	<p>5/29/2018 - G57 - (I.O.) 3-2N-4W, 34-3N-4W  EST MULTIUNIT HORIZONTAL WELL  X131585/** SPRG  X212610 SPRSD  50% 3-2N-4W  50% 34-3N-4W  MARATHON OIL COMPANY  REC 5-14-2018 (DENTON)</p> <p>**S/B 131585/639913 FOR THE SPRG;WILL BE CORRECTED PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 201802686	<p>5/29/2018 - G57 - (I.O.) 3-2N-4W, 34-3N-4W  X131585/** SPRG 3-2N-4W  X212610 SPRSD 34-3N-4W  COMPL. INT. (3-2N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL  COMPL. INT. (34-3N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL  MARATHON OIL COMPANY  REC 5-14-2018 (DENTON)</p> <p>**S/B 212610/639913 FOR THE SPRG;WILL BE CORRECTED PER ATTORNEY FOR OPERATOR</p>
SPACING - 131585	<p>5/29/2018 - G57 - (640) 3-2N-4W  EST SPRG</p>
SPACING - 212610	<p>5/29/2018 - G57 - (640) 34-3N-4W  VAC OTHERS  VAC 27834/38686 SPRGL  EXT 176944 SPRSD, OTHERS</p>
SPACING - 639913	<p>5/29/2018 - G57 - (640) 3-2N-4W  AMD 131585 SPRG TO STATE THE GDRD IS THE RECOGINIZED LOWER PORTION OF THE  SPRG</p>

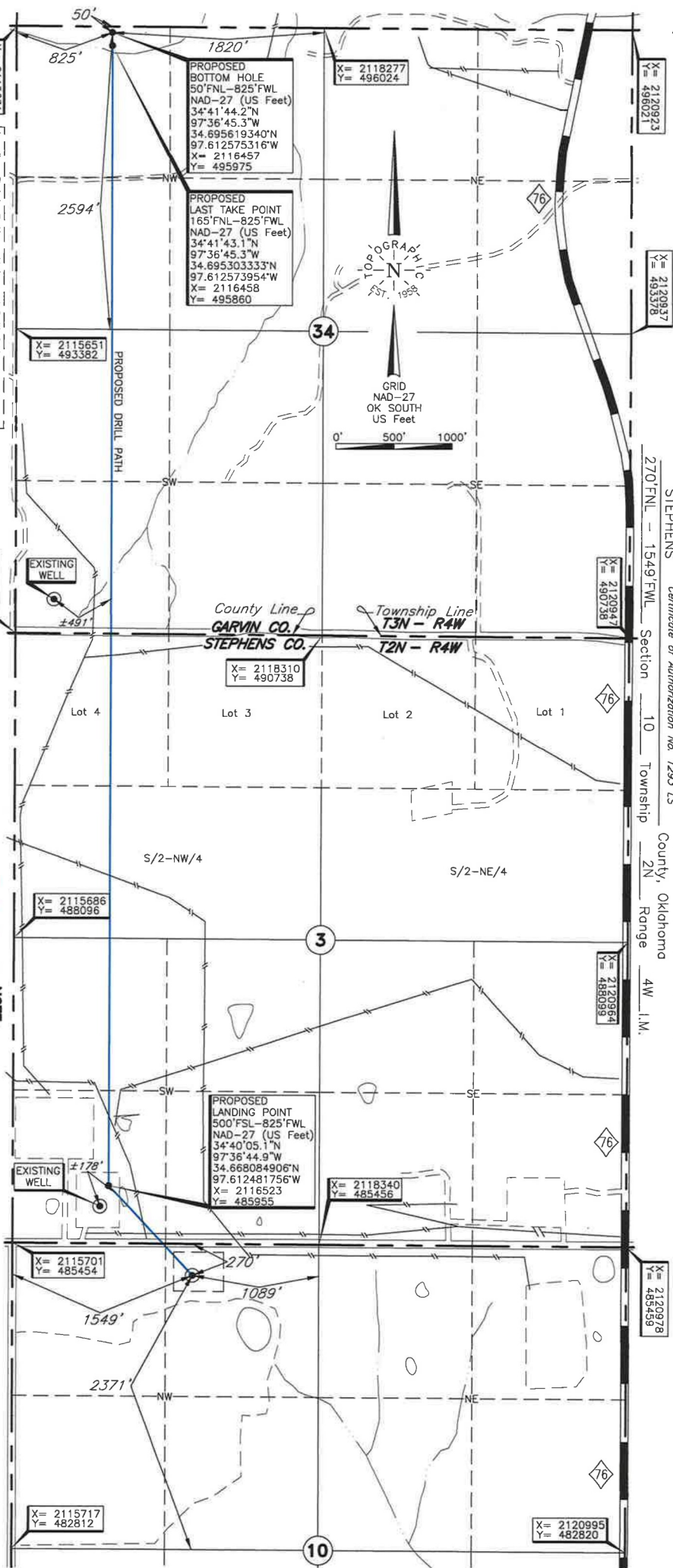
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

STEPHENS Certificate of Authorization No. 129375

270' FNL - 1549' FNL Section 10 Township 2N Range 4W I.M.

County, Oklahoma



## ELEVATION:

1192' Gr. at Stake NGVD29

**NOTE:**  
The information shown herein is for construction purposes ONLY.

Operator: MARATHON OIL COMPANY

Lease Name: PAPA PUMP 0204

Well No.: 1-3-34SKH

Topography & Vegetation Loc. fell in grass pasture, ±229' South of water line

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction from Hwy Jet or Town From Jct. St. Hwy. 76 North and St. Hwy. 29 E-W, go ±2.0 mi.

North on St. Hwy. 76, then ±1.0 mi. West to the NW Cor. of Sec. 10-12N-R4W

Date of Drawing: Dec. 20, 2017 AC/TR

Invoice # 285668 Date Staked: Dec. 18, 2017

## CERTIFICATE:

I, Thomas L. Howell, on Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Oklahoma Lic. No. 1433



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