

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

API NUMBER: 137 27523

Approval Date: 01/18/2018

Expiration Date: 07/18/2018

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 1609

Lease Name: 3R 0204

Well No: 5-3-34WXH

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, INC.
20 N. BROADWAY
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 WOODFORD	13824	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 599919
619032

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704940
201704924
201704929
201704939
201704927
201704926

Special Orders:

Total Depth: 24507

Ground Elevation: 1190

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: 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: 17-32846

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: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 2390

Depth of Deviation: 13405

Radius of Turn: 477

Direction: 10

Total Length: 10353

Measured Total Depth: 24507

True Vertical Depth: 14456

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

Notes:

Category	Description
DEEP SURFACE CASING	1/12/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	1/12/2018 - 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
MEMO	1/12/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201704924	1/17/2018 - G75 - 3-2N-4W X619032 WDFD 8 WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)

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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.

137 27523 3R 0204 5-3-34WXH

Category	Description
PENDING CD - 201704926	1/17/2018 - G75 - (I.O.) 3-2N-4W X165:10-3-28(C)(2)(B) WDFD (3R 0204 5-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704927	1/17/2018 - G75 - 34-3N-4W X599919 WDFD 8 WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704929	1/17/2018 - G75 - (I.O.) 34-3N-4W X165:10-3-28(C)(2)(B) WDFD (3R 0204 5-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704939	1/17/2018 - G75 - (I.O.) 3-2N-4W & 34-3N-4W EST MULTIUNIT HORIZONTAL WELL X619032 WDFD 3-2N-4W X599919 WDFD 34-3N-4W 50% 3-2N-4W 50% 34-3N-4W MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704940	1/17/2018 - G75 - (I.O.) 3-2N-4W & 34-3N-4W X619032 WDFD 3-2N-4W X599919 WDFD 34-3N-4W COMPL. INT. (3-2N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (34-3N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL MARATHON OIL CO. REC 11-2-2017 (THOMAS)
SPACING - 599919	1/17/2018 - G75 - (640) 34-3N-4W EXT 360755 WDFD, OTHERS
SPACING - 619032	1/17/2018 - G75 - (640)(HOR) 3-2N-4W EXT 603571 WDFD POE TO BHL NLT 330' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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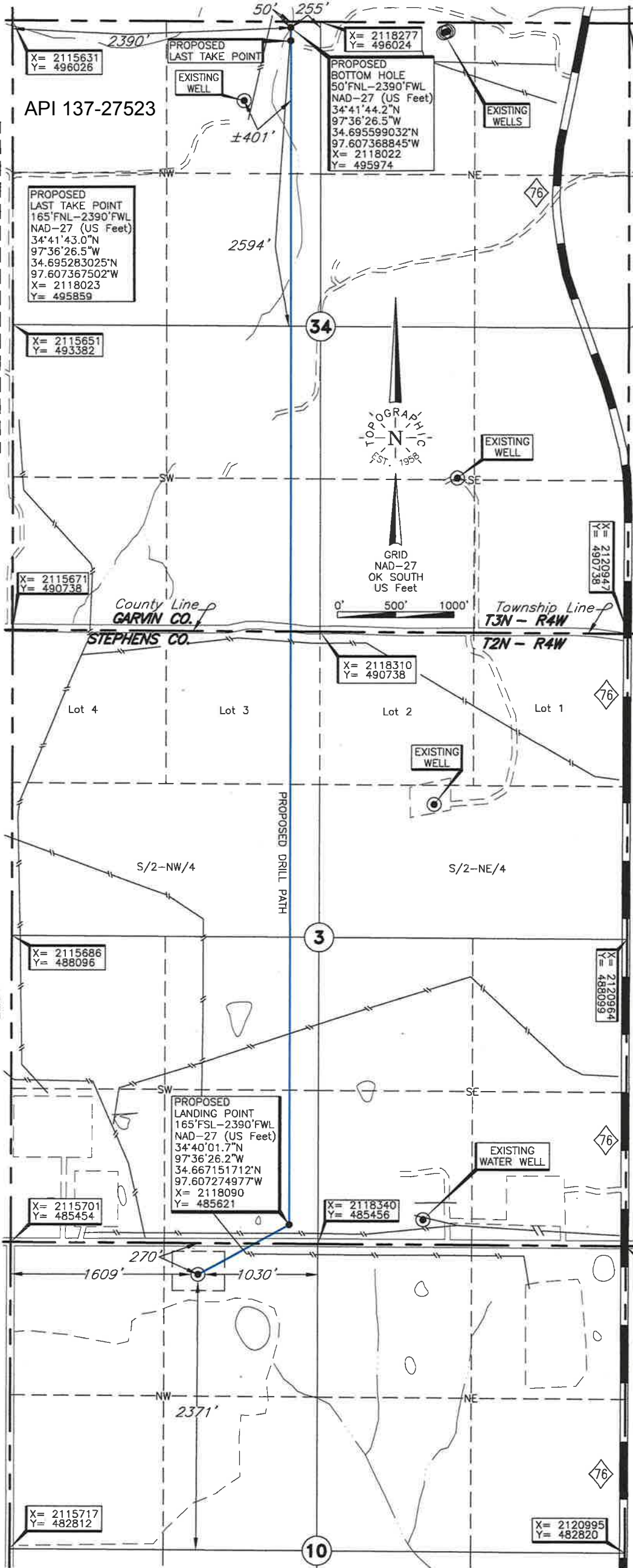
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13600 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

STEPHENS Certificate of Authorization No. 1293 LS

County, Oklahoma

270' FNL - 1609' FWL Section 10 Township 2N Range 4W 1.M.



ELEVATION:
1190' Gr. at Stake NGVD29

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

Operator: MARATHON OIL COMPANY
Lease Name: 3R 0204
Topography & Vegetation Loc. fell in grass pasture, ±229' South of waterline
Good Drill Site? Yes
Reference Stakes or Alternate Location
Stakes Set None
Best Accessibility to Location From North off county road
Distance & Direction From Jct. St. Hwy. 76 North and St. Hwy. 29 E-W, go ±2.0 mi.
North on St. Hwy. 76, then ±1.0 mile West to the NW Cor. of Sec. 10-T2N-R4W

DATUM: NAD-27
LAT: 34°39'57.5"N
LONG: 97°36'35.5"W
LAT: 34.665962822°N
LONG: 97.609869732°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2117312
Y: 485186

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

Invoice # 286687E Date of Drawing: Jan. 9, 2018 AC/TR
Date Staked: Dec. 18, 2017

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

Thomas L. Howell
Oklahoma Lic. No. 1433

