

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

API NUMBER: 137 27520

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:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 330 1116

Lease Name: 3R 0204

Well No: 2-3-34WXH

Well will be 330 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	13703	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 599919
619032

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704934
201704924
201704929
201704932
201704927
201704926

Special Orders:

Total Depth: 24298

Ground Elevation: 1185

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32843

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 NW NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 970

Depth of Deviation: 13200

Radius of Turn: 477

Direction: 5

Total Length: 10349

Measured Total Depth: 24298

True Vertical Depth: 14243

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.

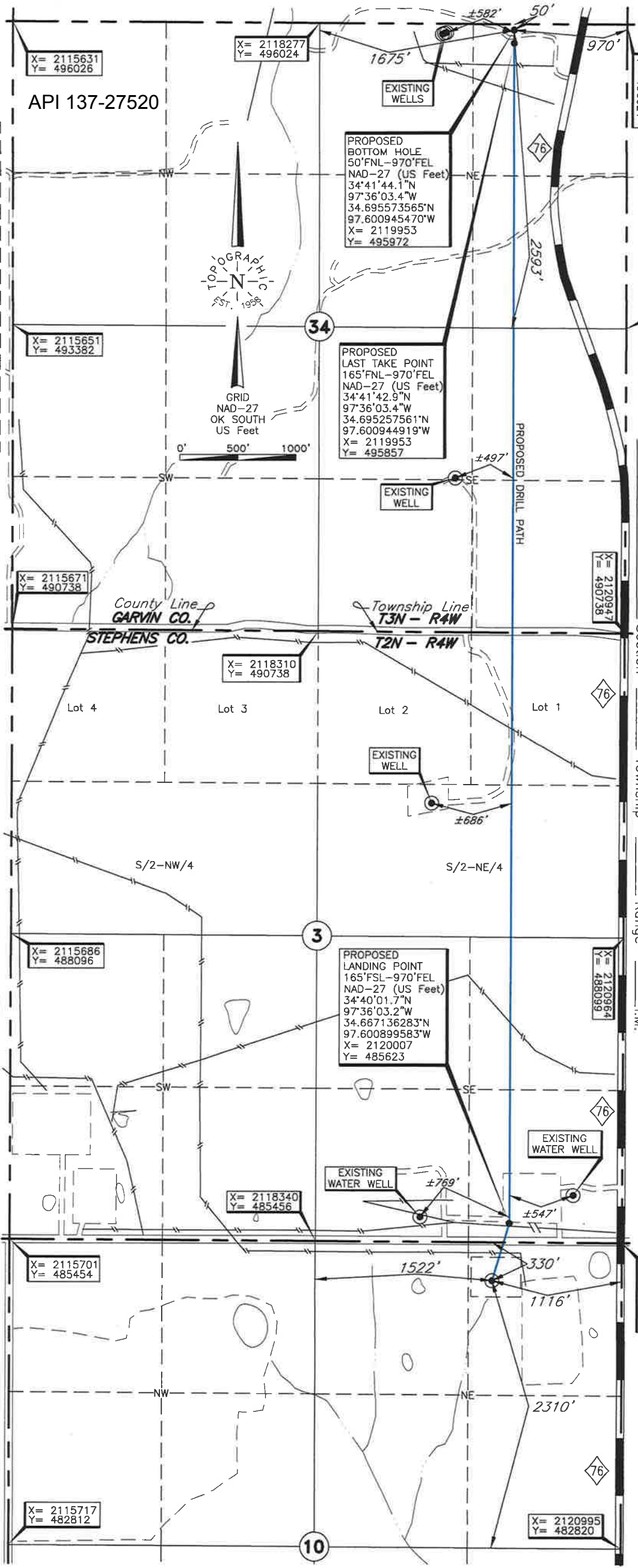
Category	Description
PENDING CD - 201704926	1/17/2018 - G75 - (I.O.) 3-2N-4W X165:10-3-28(C)(2)(B) WDFD (3R 0204 2-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704927	1/17/2018 - G75 - 34-3N-4W X599919 WDFD 8 WELLS MARATHON OIL CO. 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 2-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704932	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 - 201704934	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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Office of the Conservation Division as to when Surface Casing will be run.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 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

Section 10 Township 2N Range 4W 1.M.



Landing Point, Last Take Point, Bottom Hole and Drill Path Information provided by operator listed, NOT Surveyed.

ELEVATION:
 1185' Gr. at Stake NGVD29

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

Operator: MARATHON OIL COMPANY
 Lease Name: 3R 0204
 Well No.: 2-3-34WXH
 Topography & Vegetation Loc. fell in grass pasture, ±240' South and ±284' West of pipeline
 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 to the NE Cor. of Sec. 10-T2N-R4W

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 North on St. Hwy. 76 to the NE Cor. of Sec. 10-T2N-R4W

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

Invoice # 286687A Date Staked: Dec. 22, 2016
 Date of Drawing: Jan. 8, 2018
 AC/TR
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.

