

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

API NUMBER: 049 25298

Approval Date: 05/24/2019
Expiration Date: 11/24/2020

Horizontal Hole Oil & Gas
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 3N Rge: 4W County: GARVIN
SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 215 280

Lease Name: STARFOX 0304 Well No: 1-7-6SXH Well will be 215 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 4057205508 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
7301 NW EXPRESSWAY STE 225
OKLAHOMA CITY, OK 73132-1590

RED DAVIS TRUST, LILLIE DAVIS TRUSTEE
P.O. BOX 674
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SPRINGER	12958	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 609978 Location Exception Orders: Increased Density Orders: 690537
642112

Pending CD Numbers: 201902535
201902531
201902533
201902532
Special Orders:

Total Depth: 23258 Ground Elevation: 1176 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 330

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: 19-36456
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 06 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: 800

Depth of Deviation: 12496

Radius of Turn: 382

Direction: 355

Total Length: 10162

Measured Total Depth: 23258

True Vertical Depth: 12958

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

Notes:

Category

Description

DEEP SURFACE CASING

5/14/2019 - 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

5/14/2019 - 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 - 690537

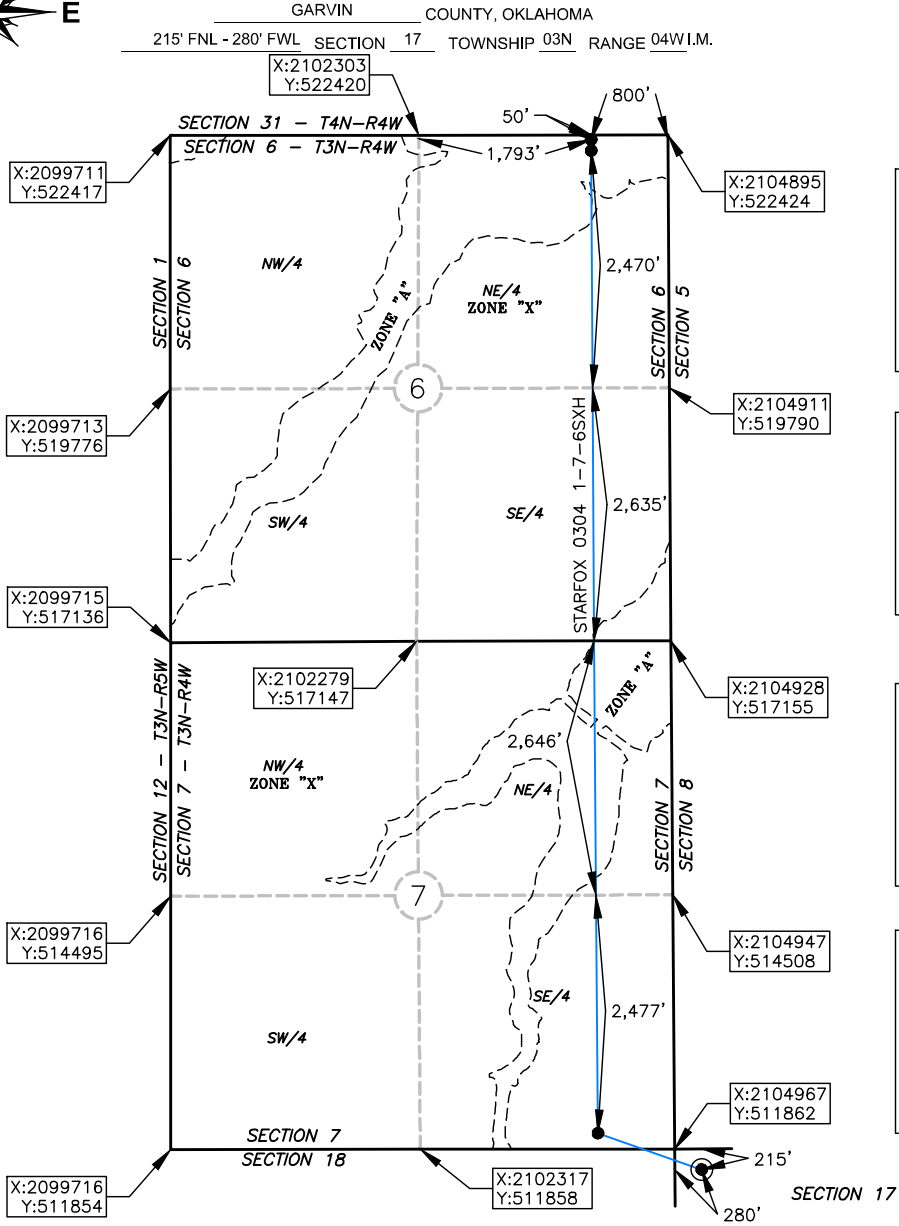
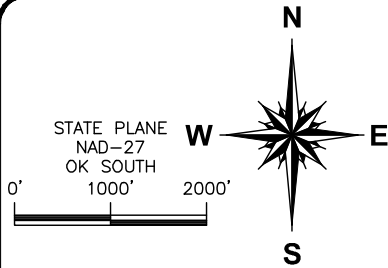
5/14/2019 - G75 - 7-3N-4W
X609978 SPRG
3 WELLS
MARATHON OIL CO.
1-29-2019

MEMO

5/14/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

Category	Description
PENDING CD - 201902531	5/14/2019 - G75 - 6-3N-4W X201902532 SPRG 2 WELLS NO OP. NAMED REC 5-21-2019 (P. PORTER)
PENDING CD - 201902532	5/14/2019 - G75 - (640)(HOR) 6-3N-4W EXT 671679 SPRG, OTHERS POE TO BHL NLT 660' FB REC 5-21-2019 (P. PORTER)
PENDING CD - 201902533	5/14/2019 - G75 - (I.O.) 7 & 6-3N-4W EST MULTIUNIT HORIZONTAL WELL X609978/642112 SPRG 7-3N-4W X201902532 SPRG 6-3N-4W 50% 7-3N-4W 50% 6-3N-4W NO OP. NAMED REC 5-21-2019 (P. PORTER)
PENDING CD - 201902535	5/14/2019 - G75 - (I.O.) 7 & 6-3N-4W X609978/642112 SPRG 7-3N-4W X201902532 SPRG 6-3N-4W COMPL. INT. (7-3N-4W) NCT 165' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (6-3N-4W) NCT 0' FSL, NCT 165' FNL, NCT 660' FEL NO OP. NAMED REC 5-21-2019 (P. PORTER)
SPACING - 609978	5/14/2019 - G75 - (640) 7-3N-4W EXT 404073 SPRG, OTHERS **
SPACING - 642112	** S/B EXT 404073 SPRG, OTHERS & EXT 590255 OTHERS; 5/14/2019 - G75 - NPT 609978 TO EXT 590255 OTHERS

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PROPOSED
 BOTTOM HOLE
 50'FNL-800'FEL
 NAD 27 (US FEET)
 N34°46'05.8"
 W97°39'12.2"
 N34.768279
 W97.653400
 X:2104095
 Y:522373

PROPOSED
 LAST TAKE POINT
 165'FNL-800'FEL
 NAD 27 (US FEET)
 N34°46'04.7"
 W97°39'12.2"
 N34.767963
 W97.653399
 X:2104096
 Y:522258

PROPOSED
 FIRST TAKE POINT
 165'FNL-800'FEL
 NAD 27 (US FEET)
 N34°44'23.4"
 W97°39'11.8"
 N34.739847
 W97.653283
 X:2104166
 Y:512026

PROPOSED
 SURFACE HOLE
 215'FNL-280'FWL
 NAD 27 (US FEET)
 N34°44'19.7"
 W97°38'58.9"
 N34.738796
 W97.649685
 X:2105248
 Y:511647

ELEVATION:
 1,179' GR. AT STAKE NAVD88
 1,176' GR. AT STAKE NGVD29

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: STARFOX 0304

WELL NO.: 1-7-6SXH

TOPOGRAPHY & VEGETATION: OPEN FIELD

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

BEST ACCESS TO LOCATION: E CR 1570 TO THE SOUTH

DISTANCE AND DIRECTION FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF E COUNTY ROAD 1540 AND OK HWY 76 APPROX. 2 MILES SOUTH OF ERIN SPRINGS, THENCE WEST ON GARVIN PAINT RD APPROX. 2 MILES, THEN SOUTH ON N3010 RD FOR 2.03 MILES, THEN WEST ON E CR 1560 APPROX. 1 MILE, THEN SOUTH ON N CR 3000 APPROX. 1 MILE, THEN EAST ONTO E CR 1570 FOR APPROX. 0.5 MILE, SITE IS IN THE FIELD ON THE SOUTH SIDE OF THE ROAD.

DATUM: NAD 27
 LAT: 34° 44' 19.7" N
 LONG: 97° 38' 58.9" W
 LAT: 34.738796° N
 LONG: 97.649685° W
 STATE PLANE
 COORDINATES: (US FEET)
 ZONE: OK SOUTH
 X: 2105248
 Y: 511647

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

DATE OF DRAWING: 2/6/19
 JOB NO.: 19000416 DATE STAKED: 2/4/19

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

