

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

API NUMBER: 093 25151

Approval Date: 08/07/2018

Expiration Date: 02/07/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 21N Rge: 13W

County: MAJOR

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 320 1320

Lease Name: DENNIS

Well No: 2-13H

Well will be 320 feet from nearest unit or lease boundary.

Operator Name: FAIRWAY RESOURCES OPERATING III LLC

Telephone: 8176010628

OTC/OCC Number: 23943 0

FAIRWAY RESOURCES OPERATING III LLC  
538 SILICON DR STE 101  
SOUTHLAKE, TX 76092-7517

MARY A. KOOP, TRUSTEE  
3510 RIVERWALK DRIVE  
NORMAN OK 73072

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805290  
201805289

Special Orders:

Total Depth: 13000

Ground Elevation: 1330

**Surface Casing: 900**

Depth to base of Treatable Water-Bearing FM: 480

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: 55000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-35022

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 13 Twp 21N Rge 13W County MAJOR

Spot Location of End Point: S2 S2 S2 SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1320

Depth of Deviation: 7267

Radius of Turn: 477

Direction: 180

Total Length: 4984

Measured Total Depth: 13000

True Vertical Depth: 8000

End Point Location from Lease,  
Unit, or Property Line: 150

Additional Surface Owner	Address	City, State, Zip
BENJAMIN J. KOOP TRUST	3510 RIVERWALK DR.	NORMAN, OK 73072

Notes:

Category

Description

DEEP SURFACE CASING

8/1/2018 - 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

7/31/2018 - 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

7/31/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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

093 25151 DENNIS 2-13H

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

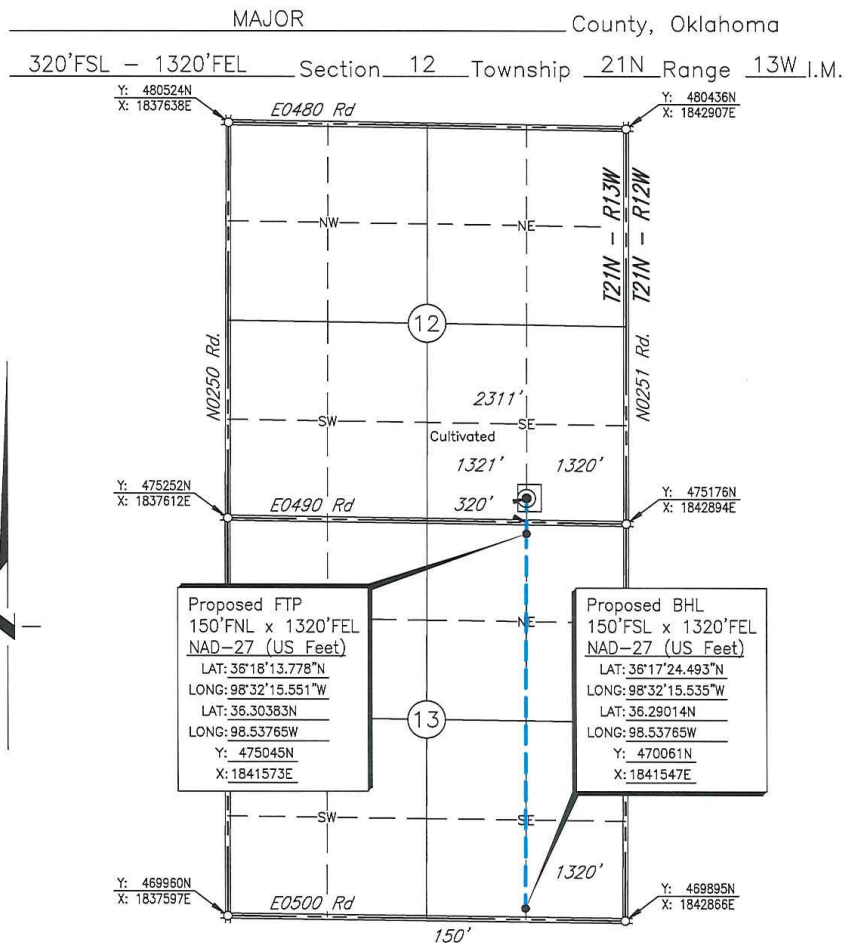
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201805289	8/6/2018 - G75 - (640)(HOR) 13-21N-13W VAC 46580/561182 UNCCR W2 SE4, SW4, N2 VAC 86422/148789/150874 MRM C W2 SE4, SW4, N2 VAC 86422/148789/150874 OSGE EST MSSP POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 46580/561182 UNCCR & ORDER # 86422/148789/150874 MRM C E2 SE4) REC 8-6-2018 (FOREMAN)
PENDING CD - 201805290	8/6/2018 - G75 - (I.O.) 13-21N-13W X201805289 MSSP COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FEL NO OP. NAMED REC 8-6-2018 (FOREMAN)



**CIMARRON**  
SURVEYING & MAPPING CO.  
C.A. No. 1780 Expires June 30, 2018

1530 SW 89TH STREET, Bldg. C3  
Oklahoma City, OK  
(405) 692-7348  
cimsurvey.com



Scale: 1" = 2000'

Date Staked: June 20, 2018

GPS Observation: Latitude 36°18'18.426" N  
Longitude 98°32'15.563" W  
Latitude 36.30512 N  
Longitude 98.53766 W

State Plane NAD27 Y: 475515N

Oklahoma North Zone: X: 1841575E

Operator: FAIRWAY RESOURCES OPERATING III, LLC

Elevation: 1330'

Lease Name: DENNIS

Well No.: 2-13H

Topography & Vegetation: Cultivated

Alternate Location Stakes Set: No

Good Drill Site? Yes

Best Accessibility to Location: From the South Line

Distance & Direction

from Hwy Jct or Town: From the town of Fairview; Thence North approx. 2½ miles;

Thence West 3 miles to the SE Corner of Section 12.

SURVEYOR'S CERTIFICATE:

I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431  
do hereby certify that the above described well location was  
carefully staked on the ground as shown and that all ties and  
distances shown are from existing lines of occupation.

JOB NO.: 180708A				
DATE: 06/25/18				
DRAWN BY: S.R.T.	NO.	REVISION	DATE	BY

*D. Mike Dossey*  
D. MIKE DOSSEY R.P.L.S. # 1431

