

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

API NUMBER: 015 23311

Approval Date: 05/17/2019

Expiration Date: 11/17/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 8N Rge: 11W County: CADD0

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 400 250

Lease Name: GREEN 34-9-11 Well No: 1H Well will be 250 feet from nearest unit or lease boundary.

Operator KAISER-FRANCIS OIL COMPANY
Name:

Telephone: 9184940000

OTC/OCC Number: 6390 0

KAISER-FRANCIS OIL COMPANY
6733 S YALE AVE
TULSA, OK 74121-1468

FOY AND SHARON GREEN
16116 COUNTRY ROAD, #1250
BINGER OK 73009

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

Name	Depth	Name	Depth
1 MARCHAND	10130	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 255086

Location Exception Orders: 683286

Increased Density Orders: 681020

Pending CD Numbers:

Special Orders:

Total Depth: 15457

Ground Elevation: 1474

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 300

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: 8000 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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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

PERMIT NO: 19-36637

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: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 34 Twp 9N Rge 11W County CADDO

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1250

Depth of Deviation: 9627

Radius of Turn: 578

Direction: 350

Total Length: 4922

Measured Total Depth: 15457

True Vertical Depth: 10150

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

5/14/2019 - 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

5/14/2019 - 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 - 681020

5/17/2019 - G58 - 34-9N-11W
X255086 MRCD
1 WELL
KAISER-FRANCIS OIL COMPANY
8/6/2018

LOCATION EXCEPTION - 683286

5/17/2019 - G58 - (I.O.) 34-9N-11W
X255086 MRCD
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 660' FWL
KAISER-FRANCIS OIL COMPANY
9/19/2018

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

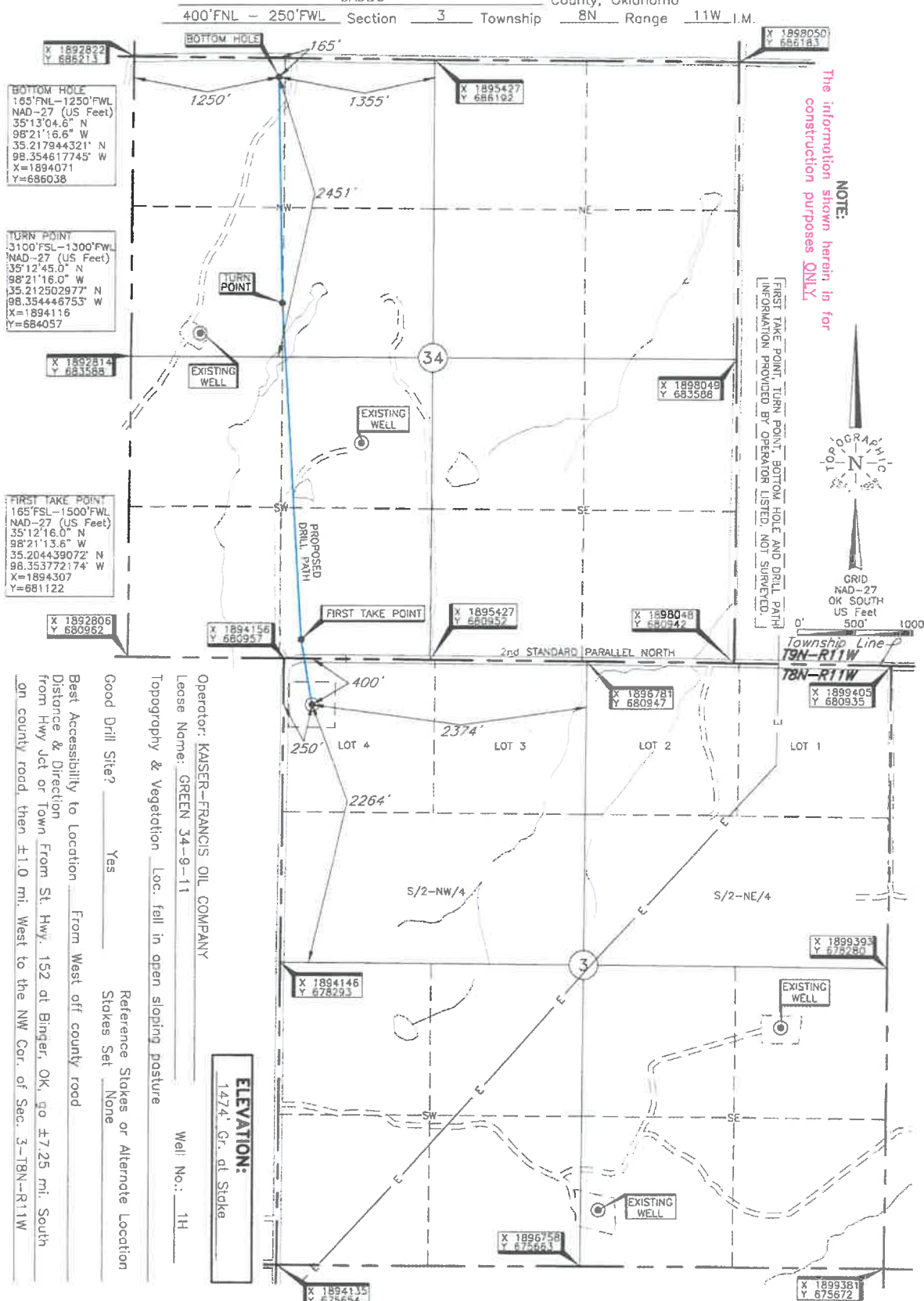
015 23311 GREEN 34-9-11 1H

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
MEMO	5/14/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 255086	5/17/2019 - G58 - (640) 34-9N-11W EXT OTHER EXT 204540 MRCD, OTHERS

015-23311



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

Operator: KAISER-FRANCIS OIL COMPANY
 Lease Name: GREEN 34-9-11
 Topography & Vegetation: Loc. fall in open sloping pasture
 Good Drill Site? ☒ Yes
 Best Accessibility to Location: From West off county road
 Distance & Direction: From Hwy 152 at Binger, OK, go ±7.25 mi. South
 on county road, then ±1.0 mi. West to the NW Cor. of Sec. 3-18N-R11W

Date of Drawing: May 29, 2018
 Invoice # 294010 Date Staked: May 17, 2018

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

DATUM: NAD-27
 LAT: 35°12'10.4"N
 LONG: 98°21'12.4"W
 LAT: 35.202886293° N
 LONG: 98.353438030° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 1894405
 Y: 680556

