

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

API NUMBER: 003 23378

Approval Date: 06/07/2019

Expiration Date: 12/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 25N Rge: 11W

County: ALFALFA

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 185

Lease Name: WALKER

Well No: 2-11H

Well will be 185 feet from nearest unit or lease boundary.

Operator Name: AEXCO PETROLEUM INC

Telephone: 3038319226

OTC/OCC Number: 17342 0

AEXCO PETROLEUM INC  
1675 BROADWAY STE 1900  
DENVER, CO 80202-4631

MARTHA L. GAMBLE  
2525 VIA CAMPESINA, #301  
PALOS VERDES CA 90274

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5710	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 105169

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901312  
201901313

Special Orders:

Total Depth: 11000

Ground Elevation: 1209

**Surface Casing: 550**

Depth to base of Treatable Water-Bearing FM: 470

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

E. Haul to Commercial pit facility: Sec. 10 Twn. 26N Rng. 15W Cnty. 151 Order No: 563714

H. CLOSED SYSTEM = STEEL PITS (REQUIRED - EAST CLAY CREEK)

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.

# HORIZONTAL HOLE 1

Sec 11 Twp 25N Rge 11W County ALFALFA

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 650

Depth of Deviation: 5043

Radius of Turn: 765

Direction: 185

Total Length: 4755

Measured Total Depth: 11000

True Vertical Depth: 5820

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

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

5/21/2019 - 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](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)

PENDING CD - 201901312

6/6/2019 - GB1 - (I.O.) 11-25N-11W  
X105169 MSSLM, OTHER  
COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 600' FEL  
NO OP. NAMED  
REC. 3/26/2019 (M. PORTER)

PENDING CD - 201901313

6/6/2019 - GB1 - 11-25N-11W  
X105169 MSSLM  
1 WELL  
AEXCO PETROLEUM, INC  
REC. 3/26/2019 (M. PORTER)

SPACING - 105169

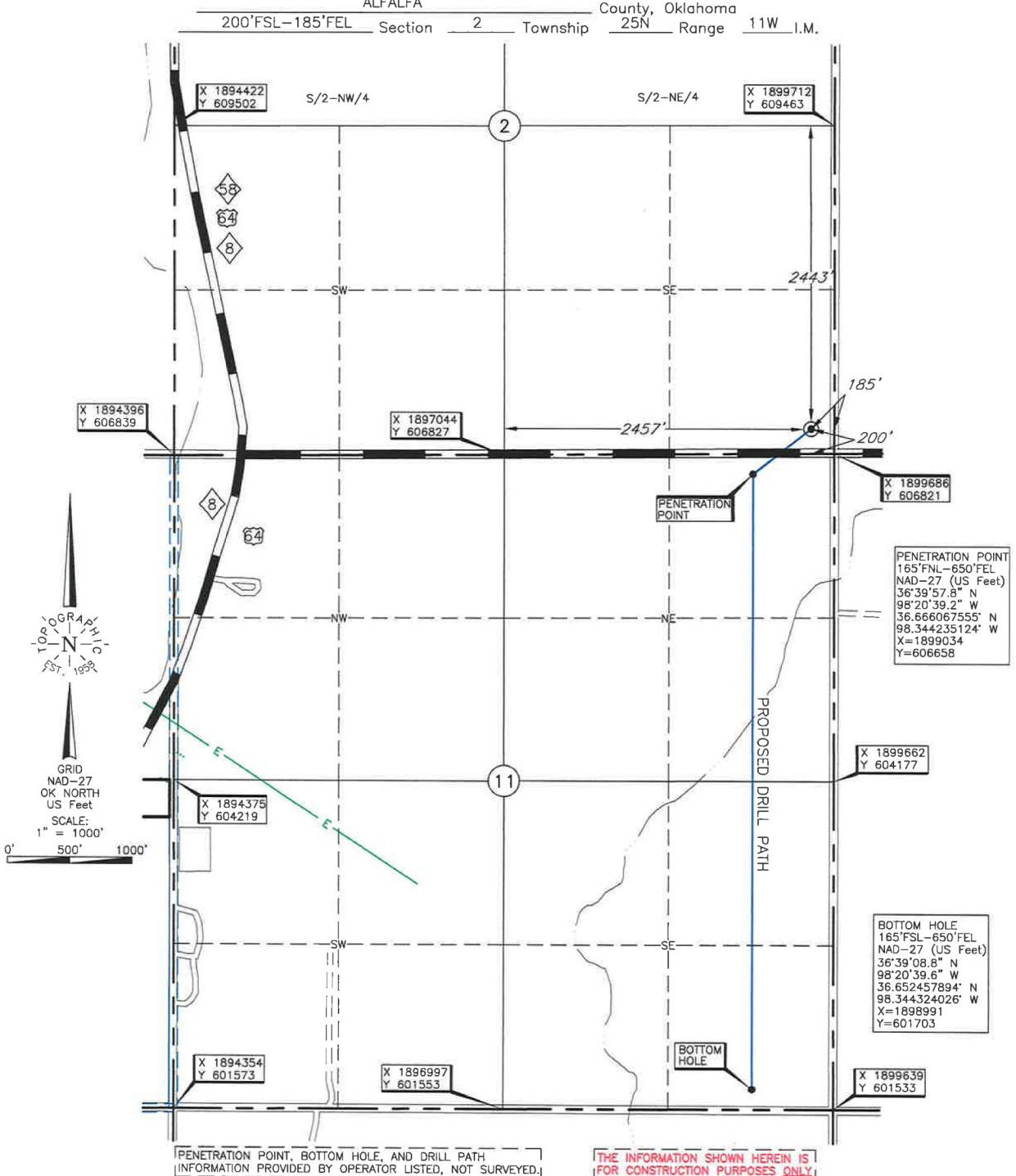
6/6/2019 - GB1 - (640) 11-25N-11W  
EXT 102799 MSSLM, OTHERS

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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.

003 23378 WALKER 2-11H



Operator: AEXCO PETROLEUM, INC

Lease Name: WALKER Well No.: 2-11H

Topography & Vegetation Location fell in level to slight slope field

Good Drill Site? Yes Reference Stakes or Alternate Location None

Best Accessibility to Location From East off county road

Distance & Direction From Cherokee, Okla, go ±6 miles South, then ±1 mile East to the SE Cor. of

Sec. 2-T25N-R11W

**ELEVATION:**  
1209' Gr. at Stake

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

DATUM: NAD-27  
LAT: 36°40'01.5"N  
LONG: 98°20'33.5"W  
LAT: 36.667071847° N  
LONG: 98.342642088° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1899503  
Y: 607022

Date of Drawing: May 7, 2019  
Project # 126236 Date Staked: May 6, 2019 LC

**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

