

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

API NUMBER: 017 25129 A

Approval Date: 11/27/2017
Expiration Date: 05/27/2018

Horizontal Hole Oil & Gas

Amend reason: CHANGE TO HORIZONTAL OIL/GAS WELL;
UPDATE ORDERS; CORRECT SURFACE LOCATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 12N Rge: 6W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 287 351

Lease Name: BONZAI 1206

Well No: 8-1MHR

Well will be 287 feet from nearest unit or lease boundary.

Operator Name: 89 ENERGY LLC

Telephone: 4056006040

OTC/OCC Number: 23897 0

89 ENERGY LLC
105 N HUDSON AVE STE 650
OKLAHOMA CITY, OK 73102-4832

RANAS FARMS LLC
5012 TURTLE LAKE COURT
OKLAHOMA CITY OK 73165

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	8670	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 669056

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704502
201708003

Special Orders:

Total Depth: 14500

Ground Elevation: 1282

Surface Casing: 600

Depth to base of Treatable Water-Bearing FM: 490

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: 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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 17-33185

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 08 Twp 12N Rge 6W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 8460

Radius of Turn: 646

Direction: 181

Total Length: 5025

Measured Total Depth: 14500

True Vertical Depth: 9030

End Point Location from Lease,
Unit, or Property Line: 100

Notes:

Category

Description

HYDRAULIC FRACTURING

11/27/2017 - 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

11/27/2017 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER); PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201704502

11/27/2017 - G75 - (I.O.) 8-12N-6W
X669056 MSSP
SHL 288' FNL, 311' FEL **
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 9-8-2017 (P. PORTER)

** ITD HAS SHL AS 287' FNL, 351' FEL; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

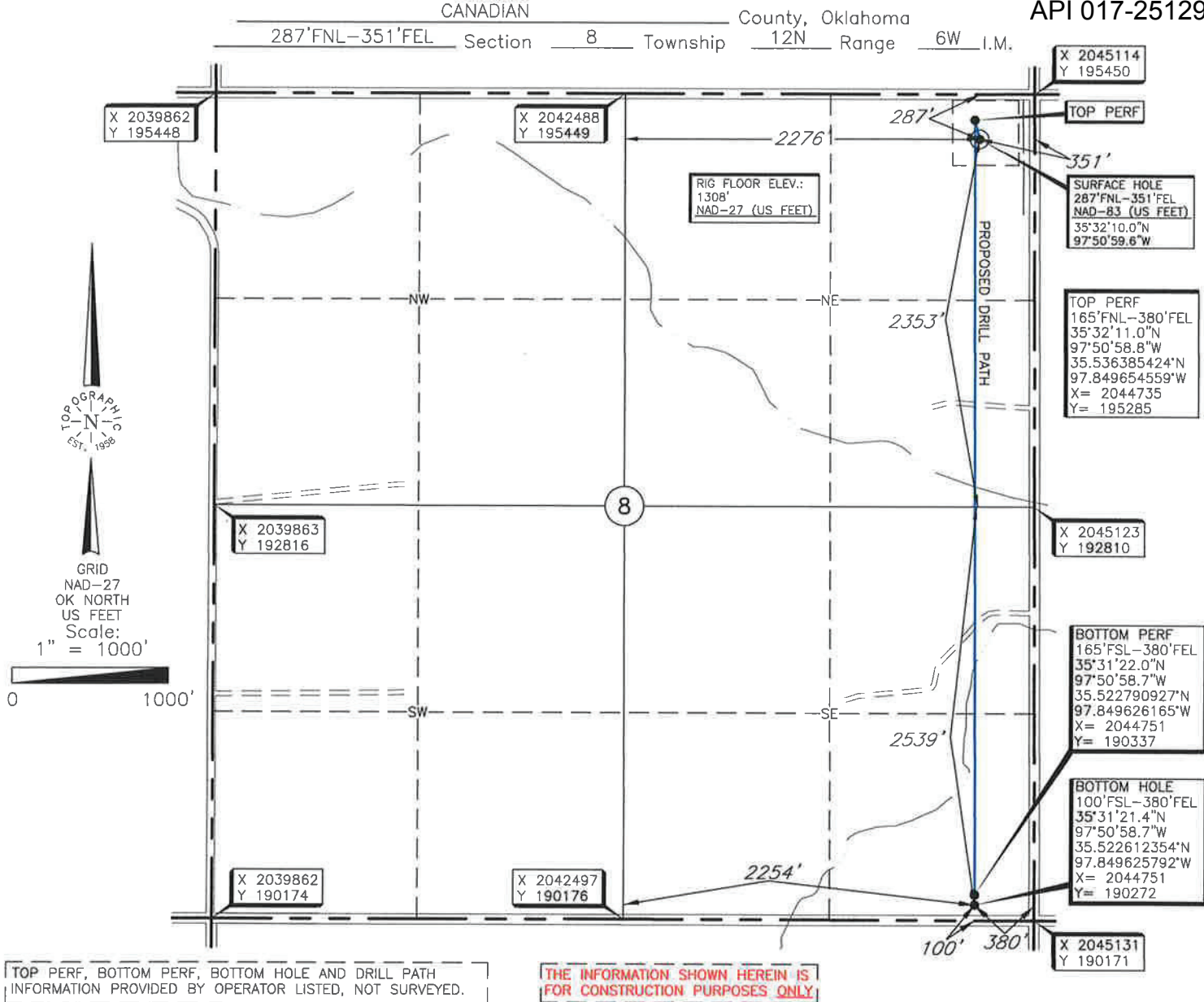
This permit does not address the right of entry or settlement of surface damages.

017 25129 BONZAI 1206 8-1MHR

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 - 201708003	11/29/2017 - G75 - (E.O.) 8-12N-6W X165:10-3-28(C)(2)(B) MSSP (BONZAI 1206 8-1MHR) MAY BE CLOSER THAN 600' TO PHELPS "A" 1 89 ENERGY, LLC REC 12-4-2017 (MINMIER)
PUBLIC WATER SUPPLY WELL	11/27/2017 - G71 - CANADIAN CO. RWD #4, 1 PWS/WPA, SE4 5-12N-6W
SPACING - 669056	11/27/2017 - G75 - (640)(HOR) 8-12N-6W EST MSSP, OTHER COMPL. INT. NLT 660' FB (COEXIST SP. ORDER # 130956 MISS & ORDER # 131270 MSSP)



TOP PERF, BOTTOM PERF, BOTTOM HOLE AND DRILL PATH
INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY

ELEVATION:

1283' Gr. at pad (NAVD 88)
1282' Gr. at pad (NGVD 29)

Operator: 89 ENERGY

Lease Name: BONZAI 1206

Well No.: 8-1MHR

Topography & Vegetation Location fell on existing level pad.

Good Drill Site? Yes Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction
from Hwy Jct or Town From the junction of St. Hwy 66 E-W & St. Hwy 92 N-S in Yukon, Oklahoma, go ± 5.2
miles West on St. Hwy 66, then ± 2 miles North, to the Northeast Corner of Section 8, T12N-R6W.

DATUM: NAD-27
LAT: 35°32'09.8"N
LONG: 97°50'58.4"W
LAT: 35.536051033°N
LONG: 97.849555726°W

STATE PLANE
COORDINATES (US FEET):
ZONE: OK NORTH
X: 2044764
Y: 195163

Revision ☒ A Date of Drawing: Nov. 29, 2017
Invoice # 284967 Date Staked: Nov. 28, 2017 JGW

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 Reg. No. 1433

