

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

API NUMBER: 017 25020

Approval Date: 06/06/2017  
Expiration Date: 12/06/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 12N Rge: 7W County: CANADIAN  
SPOT LOCATION:  NE  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 203 243

Lease Name: GERONIMO 1207 Well No: 6-2MH Well will be 203 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

LEE ANN H. PARKER  
P.O. BOX 618  
ABLE TX 76098

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	10000	6
2			7
3			8
4			9
5			10

Spacing Orders: 141057

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201703165  
201703166

Special Orders:

Total Depth: 15320

Ground Elevation: 1339

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32694

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER)

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 06 Twp 12N Rge 7W 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: 9430

Radius of Turn: 573

Direction: 182

Total Length: 4990

Measured Total Depth: 15320

True Vertical Depth: 10000

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

Notes:

Category	Description
DEEP SURFACE CASING	5/24/2017 - 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	5/24/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
PENDING CD - 201703165	6/5/2017 - G75 - (E.O.) 6-12N-7W X141057 MSSP COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL 89 ENERGY, LLC REC 5-30-2017 (LEAVITT)
PENDING CD - 201703166	6/5/2017 - G75 - (E.O.) 6-12N-7W X141057 MSSP 1 WELL 89 ENERGY, LLC REC 5-30-2017 (LEAVITT)
SPACING - 141057	6/5/2017 - G75 - (640) 6-12N-7W EXT OTHERS EST OTHER EXT 124533 MSSP

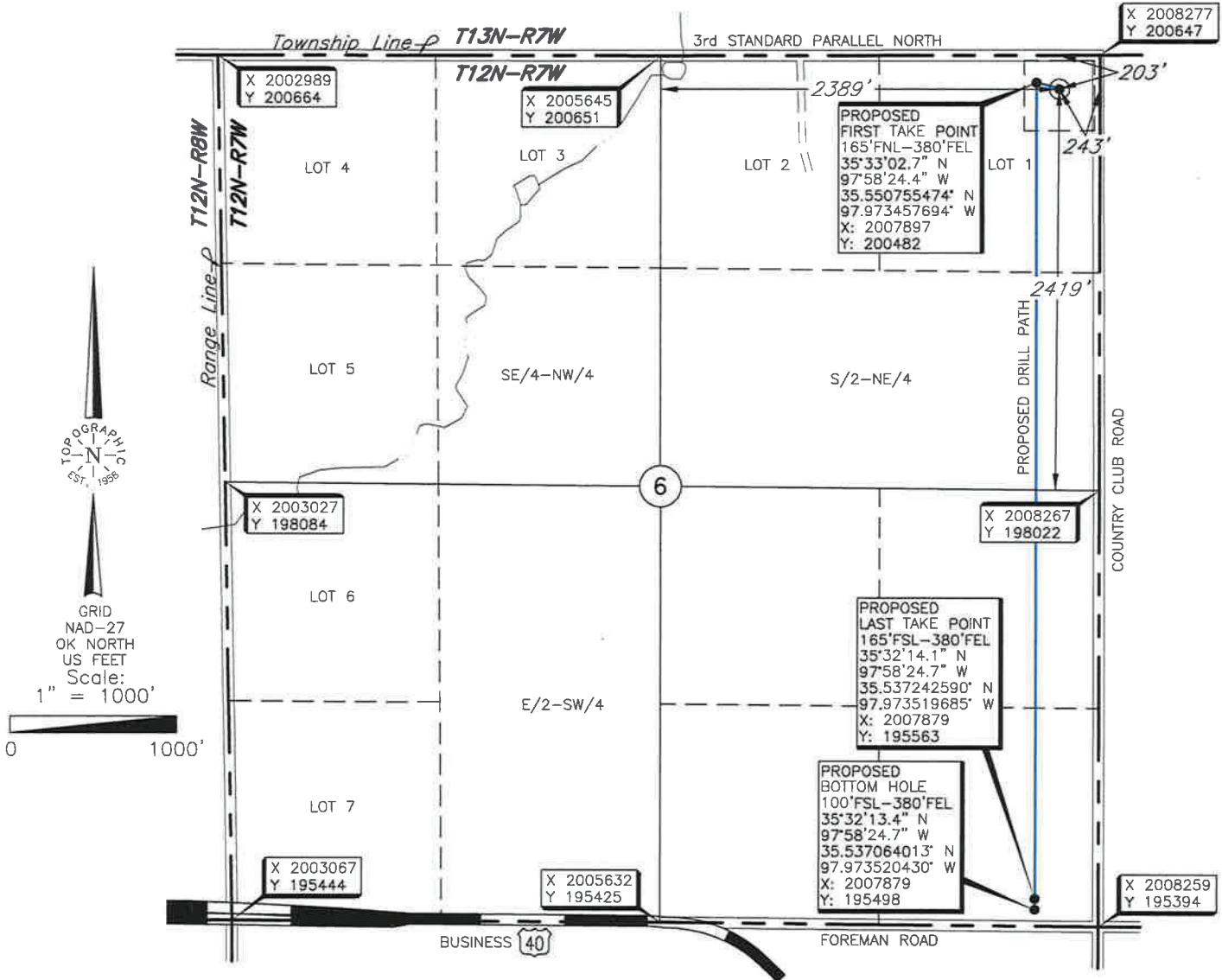
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

CANADIAN

County, Oklahoma

API 017-25020

203'FNL-243'FEL Section 6 Township 12N Range 7W I.M.



FIRST TAKE POINT, LAST TAKE POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.

Operator: 89 ENERGY

Lease Name: GERONIMO 1207

Well No.: 6-2MH

**ELEVATION:**

1339' Gr. at Stake

Topography & Vegetation Loc. fell in level plowed field

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

Best Accessibility to Location From East off county road

Distance & Direction From the junction of US Hwy 81 & US Hwy 270 in El Reno, Oklahoma, go ± 3.5 miles North, then ± 2 miles West on county road to the Northeast Corner of Section 6, T12N-R7W.

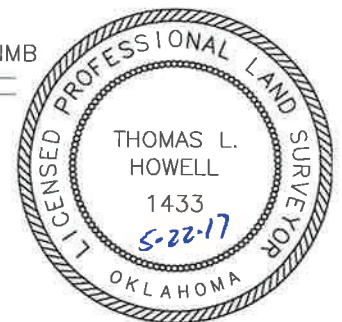
DATUM: NAD-27  
 LAT: 35°33'02.3" N  
 LONG: 97°58'22.8" W  
 LAT: 35.550650030° N  
 LONG: 97.972997432° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 2008034  
 Y: 200444

Date of Drawing: May 22, 2017  
 Invoice # 275993A Date Staked: May 15, 2017 NMB

**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



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