

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

API NUMBER: 151 24478

Approval Date: 06/29/2016  
Expiration Date: 12/29/2016

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 28 Twp: 27N Rge: 15W County: WOODS  
SPOT LOCATION:  NW  SW  SW  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 400 225

Lease Name: BOUZIDEN 2715 Well No: 1H-28 A Well will be 225 feet from nearest unit or lease boundary.  
Operator Name: MIDSTATES PETROLEUM COMPANY LLC Telephone: 9189478550 OTC/OCC Number: 23079 0

MIDSTATES PETROLEUM COMPANY LLC  
321 S BOSTON AVE STE 600  
TULSA, OK 74103-3322

CHRISTOPHER BOUZIDEN, ET AL  
P.O. BOX 452  
ALVA OK 73717

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5720	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 65562

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201602151

Special Orders:

Total Depth: 11350

Ground Elevation: 1561

**Surface Casing: 1000**

Depth to base of Treatable Water-Bearing FM: 750

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: 25000 Average: 8000

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

Approved Method for disposal of Drilling Fluids:

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

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 28 Twp 27N Rge 15W County WOODS

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5200

Radius of Turn: 764

Direction: 3

Total Length: 4950

Measured Total Depth: 11350

True Vertical Depth: 5720

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

Notes:

Category

Description

HYDRAULIC FRACTURING

6/22/2016 - 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 [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) 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 - 201602151

6/22/2016 - G75 - (I.O.) 28-27N-15W  
X65562 MSSLM  
COMPL. INT. NCT 165 TO SL, NCT 165 TO NL, NCT 600 TO WL  
NO OP. NAMED  
REC 6-28-2016 (MCKEOWN)

SPACING - 65562

6/22/2016 - G75 - (640) 28-27N-15W  
EST OTHER  
EXT OTHER  
EXT 51455 MSSLM, OTHER

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

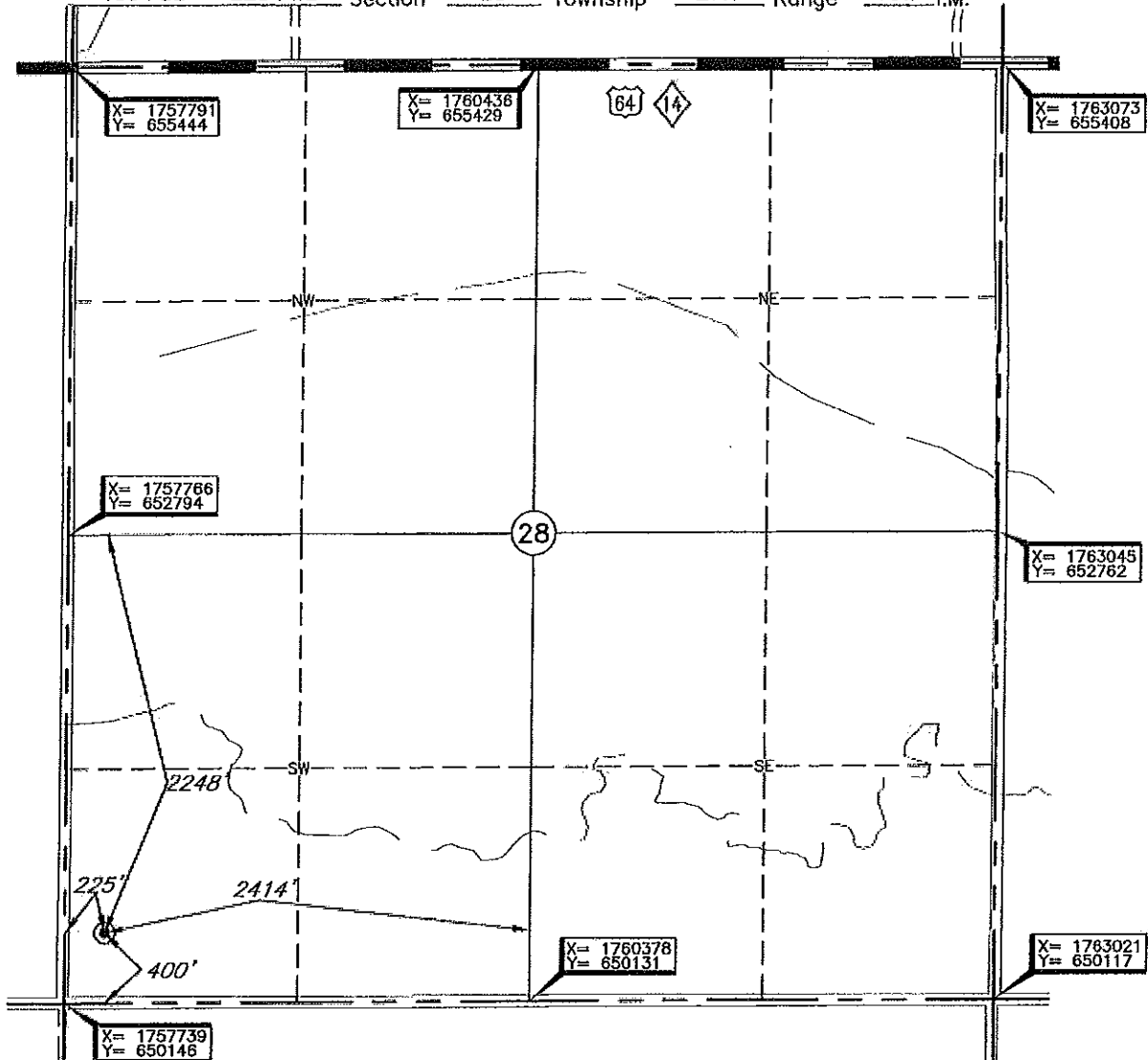
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

WOODS

County, Oklahoma

400' FSL - 225' FWL Section 28 Township 27N Range 15W I.M.



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

TOPOGRAPHIC  
N  
1958  
GRID  
NAD-27  
OK NORTH  
US Feet  
Scale:  
1" = 1000'

Operator: MIDSTATES PETROLEUM COMPANY, L.L.C.  
Lease Name: BOUZIDEN 2715

**ELEVATION:**  
1561' Gr. at Stake

Topography & Vegetation Loc. fell in level grass pasture, ± 200' North of low E-W waterway

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

Best Accessibility to Location From West off county road  
Distance & Direction  
from Hwy Jct or Town From Jct. US Hwy. 64 E-W and US Hwy. 281 South in Alva, OK, go ±9.0 mi. West  
on US Hwy. 64, then ±1.0 mi. South to the SW Cor. of Sec. 28-T27N-R15W

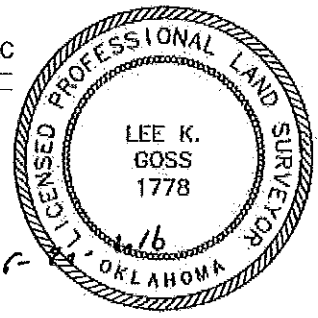
DATUM: NAD-27  
LAT: 36°47'03.4"N  
LONG: 98°49'35.2"W  
LAT: 36.784274692° N  
LONG: 98.826445014° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 1757968  
Y: 650545

Date of Drawing: Jun. 17, 2016  
Invoice # 261524 Date Staked: Jun. 14, 2016 AC

**CERTIFICATE:**

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Lee K. Goss  
Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with ±1' foot horiz./vert. accuracy