

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

API NUMBER: 151 24524

Approval Date: 01/23/2018

Expiration Date: 07/23/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 26N Rge: 13W

County: WOODS

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 225 635

Lease Name: JUDY 2613

Well No: 4H-21 B

Well will be 225 feet from nearest unit or lease boundary.

Operator Name: MIDSTATES PETROLEUM CO LLC

Telephone: 9189478550

OTC/OCC Number: 23079 0

MIDSTATES PETROLEUM CO LLC
321 S BOSTON AVE STE 1000
TULSA, OK 74103-3322

JUDY KIRK
3629 WHIPPOORILL WAY
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	5838	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 164095

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708488
201708489

Special Orders:

Total Depth: 11200

Ground Elevation: 1431

Surface Casing: 380

Depth to base of Treatable Water-Bearing FM: 330

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: 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

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 21 Twp 26N Rge 13W County WOODS

Spot Location of End Point: S2 S2 SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 4982

Radius of Turn: 800

Direction: 177

Total Length: 4961

Measured Total Depth: 11200

True Vertical Depth: 5838

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/5/2018 - 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

PENDING CD - 201708488

1/9/2018 - G57 - (I.O.) W2 21-26N-13W
X164095 MSSLM
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL
NO OP. NAMED
REC 1-16-2018 (JOHNSON)

PENDING CD - 201708489

1/9/2018 - G57 - (I.O.) W2 21-26N-13W
X164095 MSSLM
1 WELL
NO OP. NAMED
REC 1-16-2018 (JOHNSON)

SPACING - 164095

1/9/2018 - G57 - (320) 21-26N-13W SU NE/SW
EXT 159784 MSSLM, OTHERS

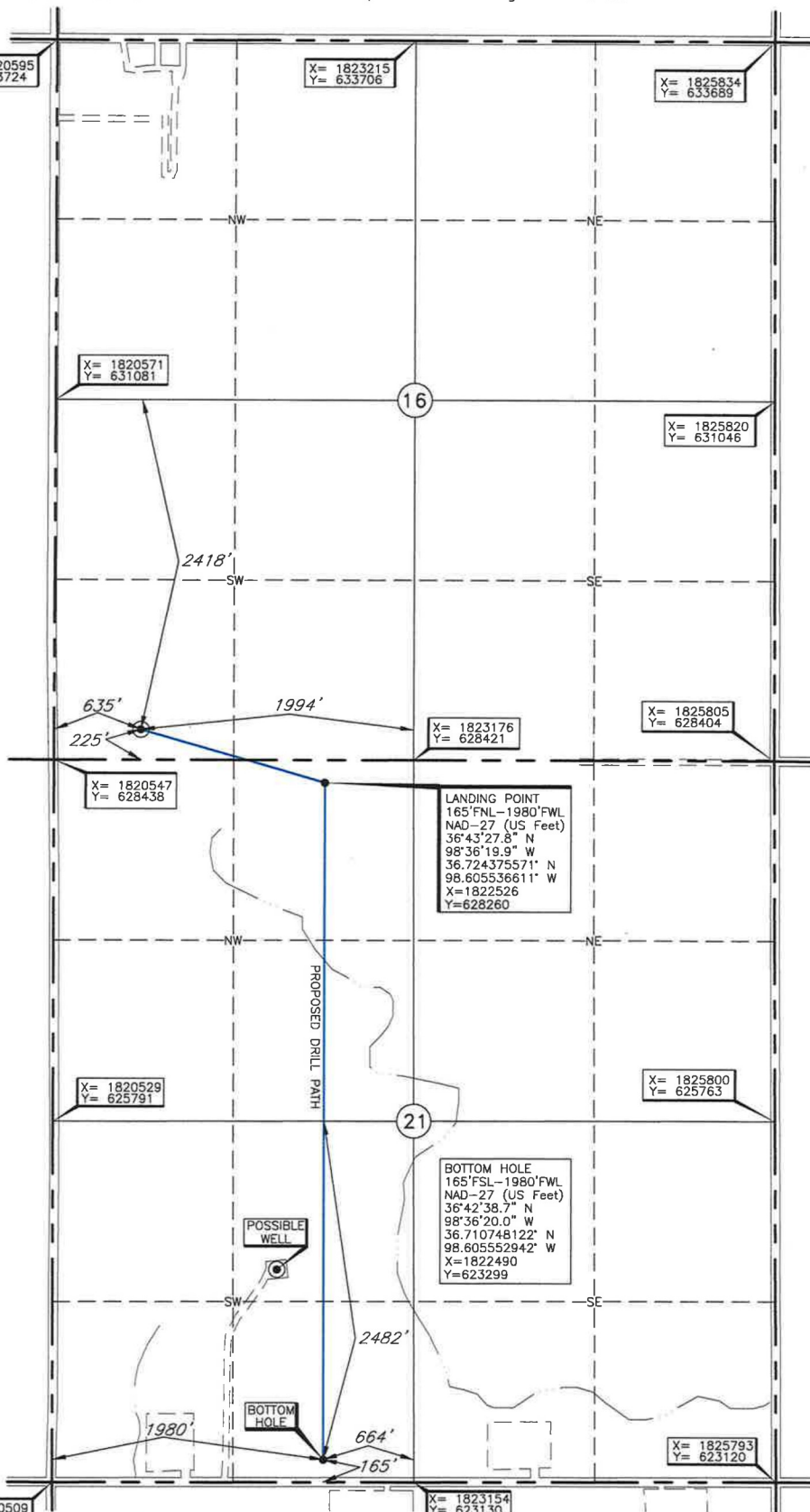


NOTE:
The information shown herein is for
construction purposes ONLY.

225' FSL - 635' FWL Section 16 Township 26N Range 13W I.M.

Operator: MIDSTATES PETROLEUM COMPANY, LLC
Lease Name: JUDY 2613
Topography & Vegetation: Loc. fell on level pod, ±25' West of existing well head
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 Jet or Town From Dacoma, OK, at railroad crossing, go ±4.0 mi. North on US Hwy. 281, then ±3.0 mi. West, then ±1.0 mi. North to the SW Cor. of Sec. 16-126N-R13W

ELEVATION:
1431' Gr. at level pod

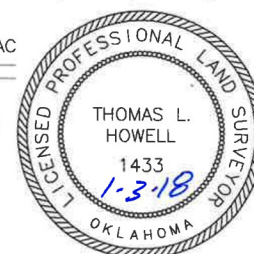


Revision ☒ A Date of Drawing: Jan. 03, 2018
Invoice # 249988 Date Staked: Sep. 01, 2015 AC

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: 36°43'31.6"N
LONG: 98°36'36.4"W
LAT: 36.725448015° N
LONG: 98.610123038° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1821184
Y: 628659

This information was gathered with a GPS receiver with a 1 ft. accuracy.