

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

API NUMBER: 003 23294

Approval Date: 10/18/2017

Expiration Date: 04/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 24N Rge: 12W

County: ALFALFA

SPOT LOCATION: ☐ SE ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 220 2025

Lease Name: REBECCA 2412

Well No: 2H-12 D

Well will be 220 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

REBECCA MEUNIER
7601 DEBEAUBIEN DRIVE
ORLANDO FL 32835

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6372	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 663315

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201706410

Special Orders:

201706408

Total Depth: 11200

Ground Elevation: 1341

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

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

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

Is depth to top of ground water greater than 10ft below base of pit? Y

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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

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 12 Twp 24N Rge 12W County ALFALFA

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 5072

Radius of Turn: 750

Direction: 10

Total Length: 4950

Measured Total Depth: 11200

True Vertical Depth: 6372

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

Notes:

Category

Description

HYDRAULIC FRACTURING

10/5/2017 - 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

PENDING CD - 201706408

10/9/2017 - G75 - 12-24N-12W
X663315 MSSP
1 WELL
NO OP. NAMED
REC 10-17-2017 (MCKEOWN)

PENDING CD - 201706410

10/9/2017 - G75 - (I.O.) 12-24N-12W
X663315 MSSP
COMPL. INT. NCT 165' TO SL, NCT 165' TO NL, NCT 600' TO EL
NO OP. NAMED
REC 10-17-2017 (MCKEOWN)

SPACING - 663315

10/9/2017 - G75 - (640)(HOR) 12-24N-12W
VAC 59196/61020 MSSLM
VAC 105348 MNNG
EXT 661490 MSSP
COMPL. INT. NCT 660' FB

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

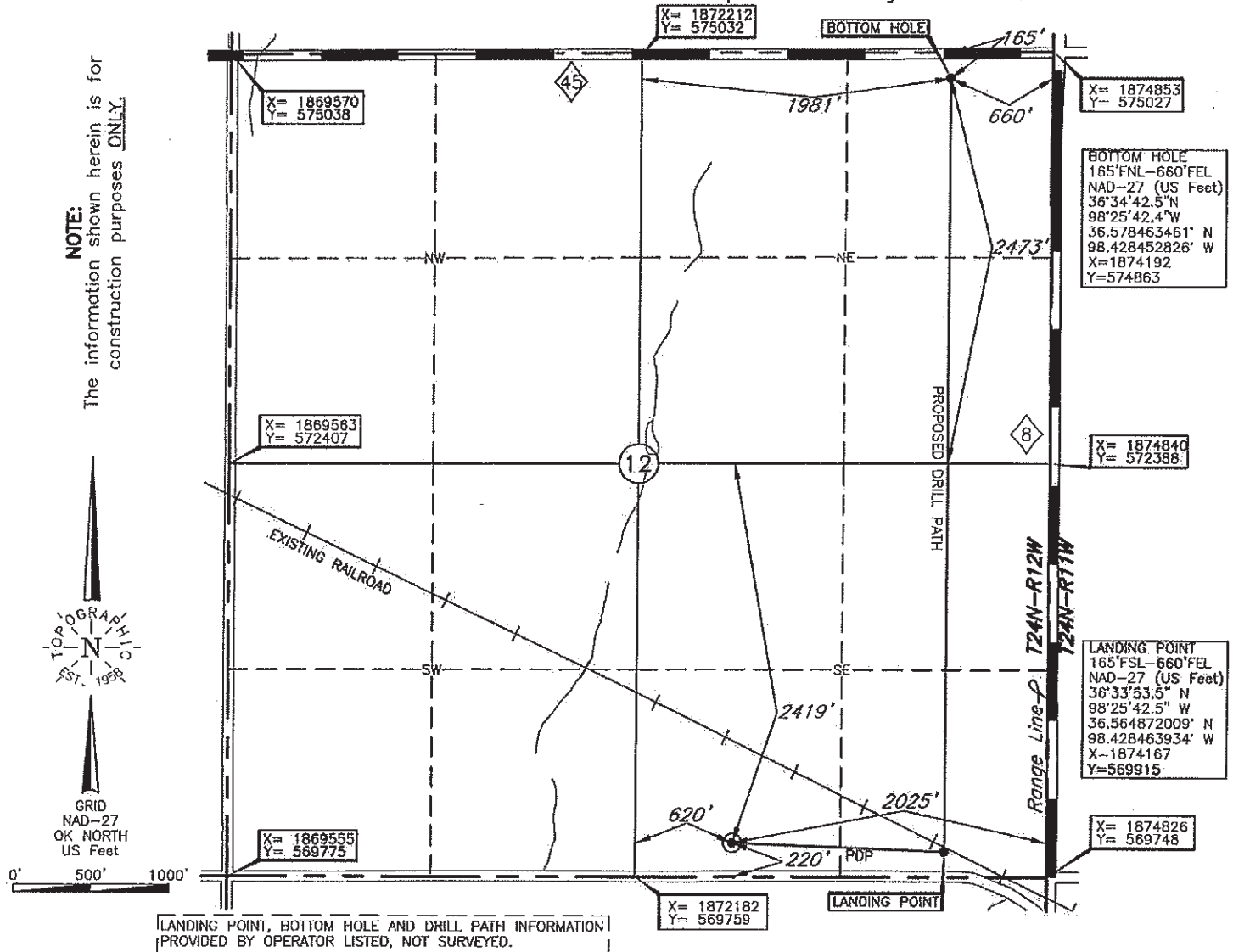
Certificate of Authorization No. 1293 LS

ALFALFA

County, Oklahoma

220' FSL - 2025' FEL Section 12 Township 24N Range 12W I.M.

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

Operator: MIDSTATES PETROLEUM COMPANY, LLCLease Name: REBECCA 2412Well No.: 2H-12D**ELEVATION:**1341' Gr. at level padTopography & Vegetation Loc. fell on level pad, West of existing wellsGood Drill Site? YesReference Stakes or Alternate Location
Stakes Set NoneBest Accessibility to Location From South off county road

Distance & Direction

from Hwy Jct or Town From Carmen, OK, go ± 2.0 mi. East, then ±1.0 mi. South to
the SE Cor. of Sec. 12-T24N-R12W

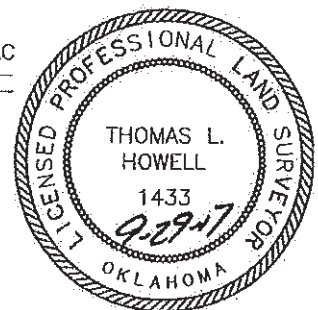
DATUM: NAD-27
LAT: 36°33'54.1"N
LONG: 98°25'59.2"W
LAT: 36.565022264° N
LONG: 98.433111728° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 1872802
Y: 569976

Invoice # 281654A Date of Drawing: Sep. 29, 2017
Date Staked: Sep. 18, 2017 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



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