

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

API NUMBER: 003 23272

Approval Date: 02/08/2017
Expiration Date: 08/08/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 24N Rge: 12W County: ALFALFA
SPOT LOCATION: NE NW NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 225 1995

Lease Name: ARUBA 2412 Well No: 1H-14 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 1000
TULSA, OK 74103-3322

GREGORY FAM. TRUST C/O LARRY GREGORY
12105 CR 540
CARMEN OK 73726

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	6	6365
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700130
201700037

Special Orders:

Total Depth: 11200 Ground Elevation: 1319 **Surface Casing: 430** Depth to base of Treatable Water-Bearing FM: 380

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? 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 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 14 Twp 24N Rge 12W County ALFALFA

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5200

Radius of Turn: 668

Direction: 145

Total Length: 4950

Measured Total Depth: 11200

True Vertical Depth: 6365

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/30/2017 - 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 [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 - 201700037

2/1/2017 - G60 - (640)(HOR) 14-24N-12W
VAC 59196/61020 MSSLM
VAC 99179 MNNG
EXT 596709 MSSP
POE TO BHL NLT 660' FB
REC. 1-31-2017 (JOHNSON)

PENDING CD - 201700130

2/1/2017 - G60 - (E.O.) 14-24N-12W
X201700037 MSSP
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 600' FWL
MIDSTATES PETROLEUM CO., LLC.
REC. 2/3/17 (JOHNSON)

PUBLIC WATER SUPPLY WELL

1/30/2017 - G71 - CARMEN - 1 PWS/WPA, SE/4 9-24N-12W

3500323272

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

API NUMBER: 000 00000

Approval Date: 2/1/17
Expiration Date: 2/7/17

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 24N Rge: 12W County: ALFALFA
SPOT LOCATION: NE NW NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 225 995

Application for
Intent to Drill

Lease Name: ARUBA 2412 Well No: 1H-14 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 1000
TULSA, OK 74103-3322

GREGORY FAMILY TRUST
12105 CR 540
C/O LARRY GREGORY
CARMEN OK 73726

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	6365	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: Location Exception Orders: Increased Density Orders:

Pending CD Numbers: 201700130 LE - hearing 2/7/17
201700037 Spacing - approved
Special Orders:

Total Depth: 11200 Ground Elevation: 1319 Surface Casing: 430 Depth to base of Treatable Water-Bearing FM: 380

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes
PIT 1 - water based - closed max 25000 8000 ave 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

TEMPORARY AUTHORIZATION TO DRILL
Expiration Date: 2/7/17
Signature: Virginia Hullinger
165:10-3-1

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 14 Twp 24N Rge 12W County ALFALFA

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5200

Radius of Turn: 668

Direction: 145

Total Length: 4950

Measured Total Depth: 11200

True Vertical Depth: 6365

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

Application for Intent to Drill

Public water supply well
CARMEN-1 - PWS/WPA, SE 4 9-24N-12W

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.

000 00000 ARUBA 2412 1H-14 A

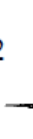
3500323272

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

8709 NORTH CUSSEN BLVD., DRILL CITY, OKLAHOMA 73116 LOCAL (405) 947-4000 OUT OF STATE (800) 854-3219
Certificate of Registration No. 1293

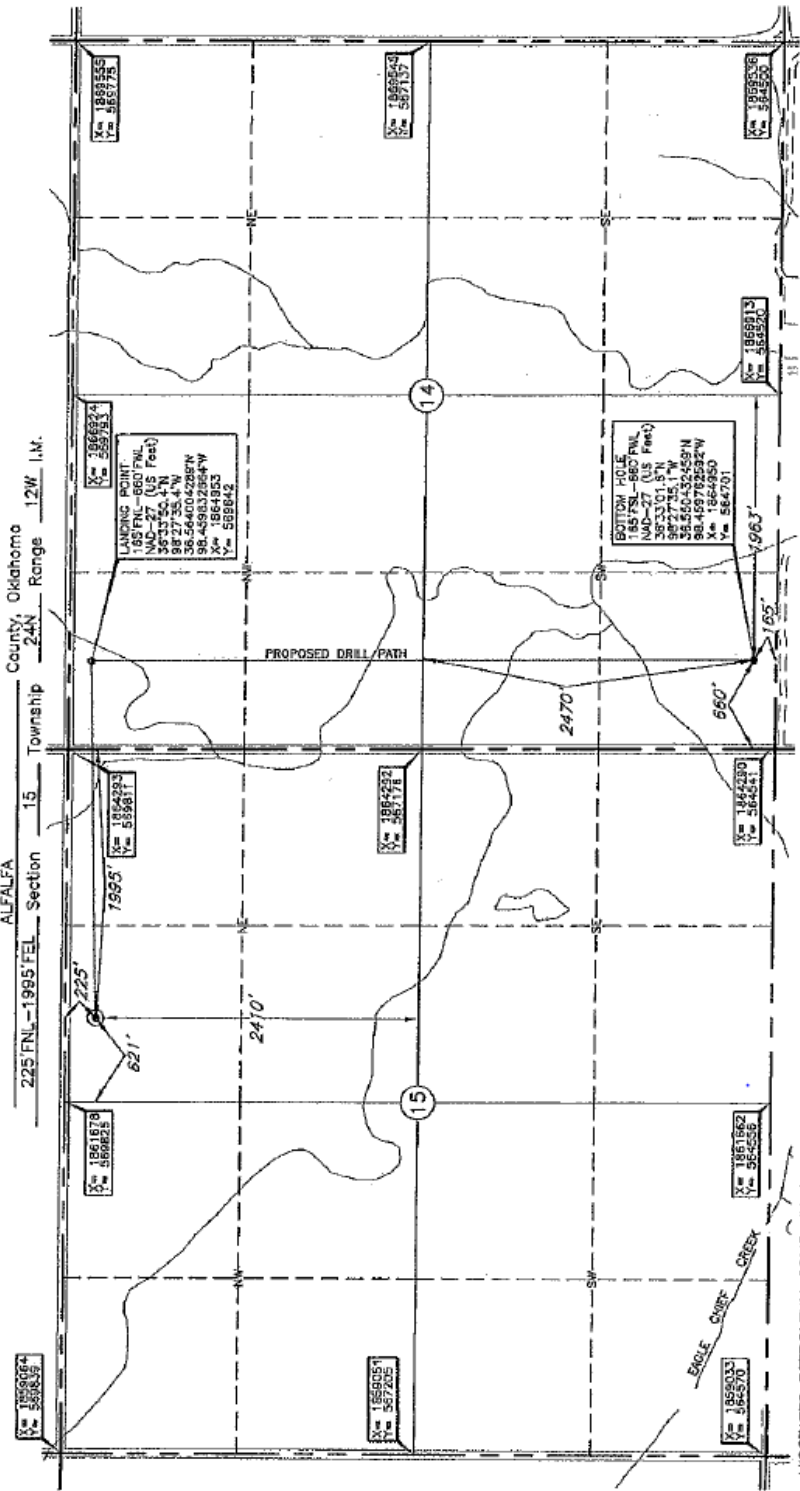
County, Oklahoma

225 FNL-1995 FEL Section 15 Township 24N Range 12W I.M.


 GRID
 NAD 83
 OK North
 US Feet
 500' 1000'

This information was gathered with a GPS receiver with ±1 foot horizontal accuracy.

DATUM: NAD-27
 LAT: 36°33'49.8"N
 LONG: 98°28'07.9"W
 LAT: 36°56'38.46335"N
 LONG: 98°45'56.72087"W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1662298
 Y: 569597



NOTE:
 BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

The information shown herein is for construction purposes ONLY.

Operator: MIDSTATES PETROLEUM COMPANY, LLC
 Lease Name: ARUBA 2412
 Well No.: 1H-14A
 1319' Gr. at Level Pad
 ELEVATION:

Topography & Vegetation: Loc. fell on existing pad, between existing well stakes and SWD stake
 Reference Stakes or Alternate Location: Stakes Set None
 Good Drill Site? Yes

Best Accessibility to Location: From North off existing lease road
 Distance & Direction: From Hwy Jct or Town From Carman, OK, go South #1 mile, to the NE Cor. of Sec. 15-T24N-R12W.

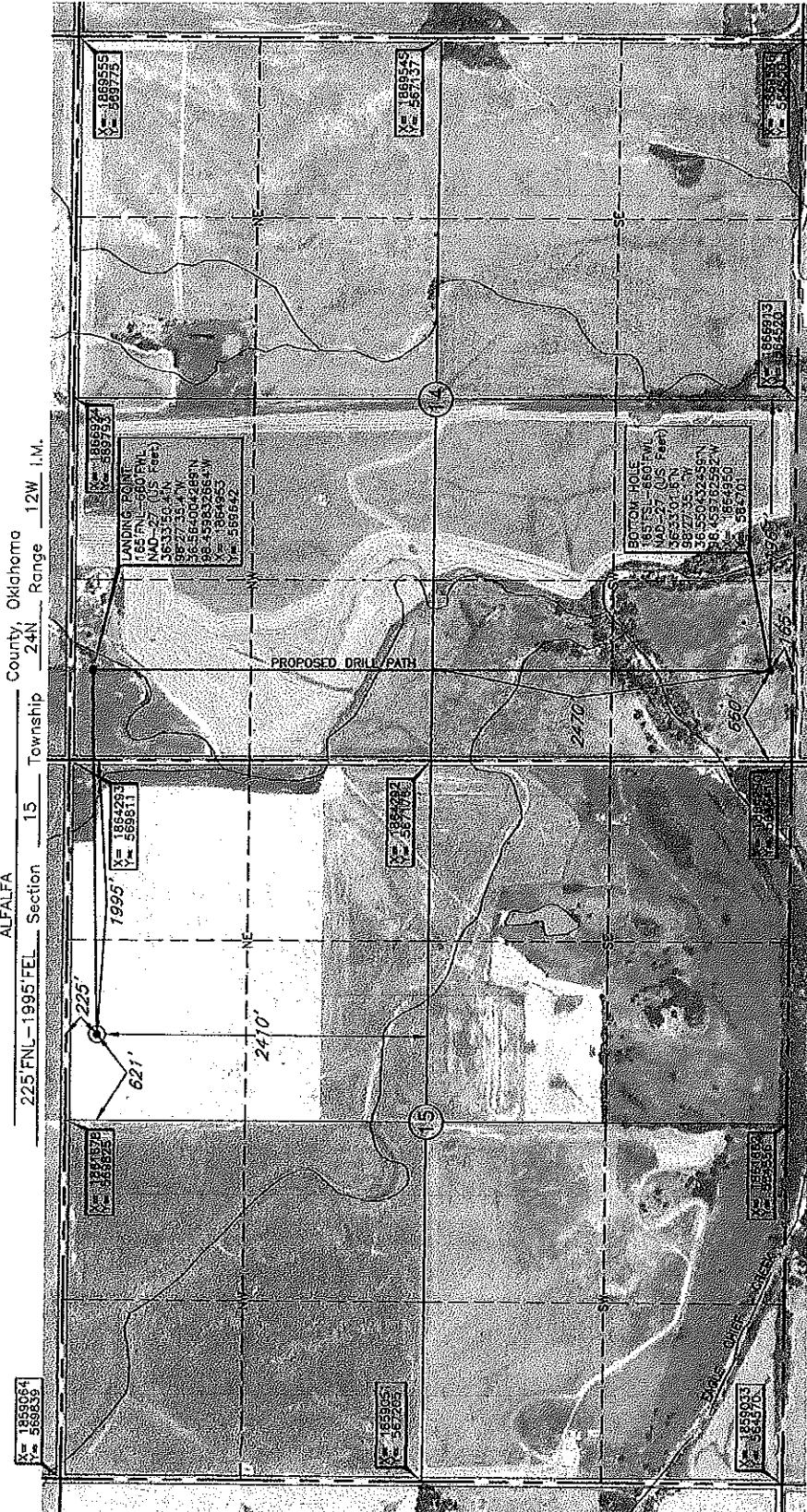
Date Drawn: Jan. 27, 2017
 Invoice #: 259412 Date Staked: Jan. 23, 2017

CERTIFICATE:
 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.
 Oklahoma Lic. No. 1778



6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 854-3219
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
 Certificate of Authorization No. 1283 LS

ALFALFA County, Oklahoma
 Section 15 Township 24N Range 12W I.M.



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0' 500' 1000'
 This information was gathered with a GPS receiver with ±1 feet horiz./vert. accuracy.
 DATUM: NAD-27
 LAT: 36°33'49.8"N
 LONG: 98°28'07.9"W
 LAT: 36.563846335°N
 LONG: 98.468872087°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: 0K NORTH
 X: 1862298
 Y: 569597

ELEVATION:
 1319' Gr. at Level Pod

Operator: MIDSTATES PETROLEUM COMPANY, LLC

Lease Name: ARUBA 2412

Well No.: 1H-14A

Loc. fell on existing pod, between existing well stakes and SWD stake

Reference Stakes or Alternate Location

Stakes Set None

Good Drill Site? Yes

Best Accessibility to Location From North off existing lease road

Distance & Direction from Hwy Jct or Town From Carmen, OK, go South ±1 mile, to the NE Cor. of Sec. 15-T24N-R12W.

Invoice # 269412 Date Drawn: Jan. 27, 2017
 Date Staked: Jan. 23, 2017

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

