

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

API NUMBER: 125 23595 A

Approval Date: 01/17/2018

Expiration Date: 07/17/2018

Directional Hole  
Horizontal Hole

Oil & Gas

PERMIT TO DEEPEN

WELL LOCATION: Sec: 23 Twp: 11N Rge: 6E

County: POTTAWATOMIE

SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 450 285

Lease Name: WAYNE-O

Well No: 2-23H

Well will be 285 feet from nearest unit or lease boundary.

Operator Name: NEW DOMINION LLC

Telephone: 9185876242

OTC/OCC Number: 20585 0

NEW DOMINION LLC  
1307 S BOULDER AVE STE 400  
TULSA, OK 74119-3220

KOLAR LAND COMPANY  
RT. 3, BOX 2A  
PRAGUE OK 74864

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

Name	Depth	Name	Depth
1 MISENER-HUNTON	4195	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 492707

Location Exception Orders: 535227

Increased Density Orders: 520567

533213

Pending CD Numbers: 201800223  
201800224

Special Orders:

Total Depth: 8870

Ground Elevation: 891

Surface Casing: 1387 IP

Depth to base of Treatable Water-Bearing FM: 1140

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: 30000 Average: 5100

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:

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

PERMIT NO: 18-33682

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

DIRECTIONAL HOLE 1

Sec 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: SE NE SW SW

Feet From: SOUTH 1/4 Section Line: 965

Feet From: WEST 1/4 Section Line: 1054

Measured Total Depth: 4922

True Vertical Depth: 4470

End Point Location from Lease,

Unit, or Property Line: 965

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 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: SW NE NW SE

Feet From: SOUTH 1/4 Section Line: 2272

Feet From: EAST 1/4 Section Line: 1677

Depth of Deviation: 3509

Radius of Turn: 404

Direction: 61

Total Length: 3382

Measured Total Depth: 7733

True Vertical Depth: 4298

End Point Location from Lease,

Unit, or Property Line: 368

#### HORIZONTAL HOLE 2

Sec 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: SW SE NW SE

Feet From: SOUTH 1/4 Section Line: 1362

Feet From: EAST 1/4 Section Line: 1744

Depth of Deviation: 3509

Radius of Turn: 661

Direction: 74

Total Length: 2716

Measured Total Depth: 7380

True Vertical Depth: 4240

End Point Location from Lease,

Unit, or Property Line: 1278

#### HORIZONTAL HOLE 3

Sec 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: NE SE NW SE

Feet From: SOUTH 1/4 Section Line: 1756

Feet From: EAST 1/4 Section Line: 1562

Depth of Deviation: 3509

Radius of Turn: 530

Direction: 69

Total Length: 3142

Measured Total Depth: 7649

True Vertical Depth: 4195

End Point Location from Lease,

Unit, or Property Line: 884

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#### HORIZONTAL HOLE 4

Sec 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: SW NE NE SE

Feet From: SOUTH 1/4 Section Line: 2213

Feet From: EAST 1/4 Section Line: 432

Depth of Deviation: 3509

Radius of Turn: 530

Direction: 69

Total Length: 4528

Measured Total Depth: 8870

True Vertical Depth: 4195

End Point Location from Lease,

Unit, or Property Line: 427

#### HORIZONTAL HOLE 5

Sec 23 Twp 11N Rge 6E County POTTAWATOMIE

Spot Location of End Point: SE NE NW SW

Feet From: NORTH 1/4 Section Line: 390

Feet From: WEST 1/4 Section Line: 1285

Depth of Deviation: 3601

Radius of Turn: 477

Direction: 13

Total Length: 1757

Measured Total Depth: 6107

True Vertical Depth: 4195

End Point Location from Lease,

Unit, or Property Line: 390

#### Notes:

##### Category

##### Description

HYDRAULIC FRACTURING

1/3/2018 - 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: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 520567

1/5/2018 - G75 - S2 23-11N-6E  
X492707 MSRH  
1 WELL  
NEW DOMINION, L.LC.  
2-23-2006 (WELL SPUD 7-26-2006)

Category	Description
LOCATION EXCEPTION - 533213	1/5/2018 - G75 - (F.O.) S2 23-11N-6E X492707 MSRH SHL 450' FSL, 285' FWL SW4 BHL (SUMP) 965' FSL, 1054' FWL SW4 BHL (LATERAL 1) 368' FNL, 1677' FEL SE4 BHL (LATERAL 2) 1278' FNL, 1744' FEL SE4 BHL (LATERAL 3) 884' FNL, 1567' FEL SE4 BHL (LATERAL 3ST) 427' FNL, 432' FEL SE4 NEW DONIMION, L.L.C. 12-14-2006 (WELL SUPD 7-26-2006)
LOCATION EXCEPTION - 535227	1/5/2018 - G75 - NPT 533213 BHL (LATERAL 3) 884' FNL, 1562' FEL SE4
PENDING CD - 201800223	1/11/2018 - G75 - (E.O.) S2 23-11N-6E X492707 MSRH SHL 450' FSL, 285' FWL ENTRY (LATERAL 4) NCT 648' FSL, NCT 589' FWL BHL (LATERAL 4) NCT 330' FNL, NCT 330' FWL NO OP. NAMED REC 1-16-2018 (JOHNSON)
PENDING CD - 201800224	1/11/2018 - G75 - (E.O.) S2 23-11N-6E X165:10-3-28(C)(2)(B) MSRH (WAYNE O 2-23H) MAY BE CLOSER THAN 600' TO WAYNE O 1-23H NEW DOMINION, L.L.C. REC 1-16-2018 (JOHNSON)
SPACING - 492707	1/5/2018 - G75 - (320)(HOR) S2 23-11N-6E LD EST MSRH POE TO BHL NLT 660' FB

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