

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

API NUMBER: 073 26381

Approval Date: 12/07/2018
Expiration Date: 06/07/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: NW SE SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 343 371

Lease Name: PHYLLIS

Well No: 36-O3SH

Well will be 343 feet from nearest unit or lease boundary.

Operator Name: SK NEMAHA LLC

Telephone: 7133955141

OTC/OCC Number: 24221 0

SK NEMAHA LLC
11700 KATY FWY STE 900
HOUSTON, TX 77079--1222

LINDA KITCHEN-PECK
2 PAINTED CUP COURT
THE WOODLANDS TX 77380

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

Name	Depth	Name	Depth
1 OSWEGO	6154	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 645701

Location Exception Orders: 686175

Increased Density Orders: 683702

Pending CD Numbers: 201809714

Special Orders:

Total Depth: 11154

Ground Elevation: 1108

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 150

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 5000 Average: 3000

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 BED AQUIFER

Pit Location Formation: SALT PLAINS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35420
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 36 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: E2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 850

Depth of Deviation: 5661

Radius of Turn: 573

Direction: 185

Total Length: 4593

Measured Total Depth: 11154

True Vertical Depth: 6154

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category

Description

BOTTOM-HOLE LOCATION

12/7/2018 - G75 - 330' FSL, 850' FEL SE4 36-19N-6W PER STAKING PLAT

HYDRAULIC FRACTURING

12/7/2018 - G75 - 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

INCREASED DENSITY - 683702

12/7/2018 - G75 - 36-19N-6W
X645701 OSWG
2 WELLS
SK NEMAHA, LLC
9-25-2018

LOCATION EXCEPTION - 686175

12/7/2018 - G75 - (I.O.)
X645701 OSWG
SHL (25-19N-6W) SE4
COMPL. INT. (36-19N-6W) NCT 330' FNL, NCT 330' FSL, NCT 850' FEL
SK NEMAHA, LLC
11-6-2018

PENDING CD - 201809714

12/7/2018 - G75 - (E.O.) 36-19N-6W
X165:10-3-28(C)(2)(B) OSWG (PHYLLIS 36-O3SH)
MAY BE CLOSER THAN 600' TO STATE OF OKLAHOMA 1-36 & STATE OF OKLAHOMA 2-36
SK NEMAHA, LLC
REC 11-27-2018 (JACKSON)

SPACING - 645701

12/7/2018 - G75 - (640)(HOR) 36-19N-6W
VAC OTHER
VAC 43828/45316 OSWG W2, SE4
EXT 642334 OSWG, OTHERS
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 43828/45316 OSWG NE4)



Well Location Plat

S.H.L. Sec. 25-19N-6W I.M.
B.H.L. Sec. 36-19N-6W I.M.

Operator: SK NEMAHA

Lease Name and No.: PHYLLIS 36-03SH
Footage: 343' FSL - 371' FEL Gr. Elevation: 1108'
Section: 25 Township: 19N Range: 6W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell in fairly flat open pasture.

API 073-26381



All bearings shown
are grid bearings.



1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 36°05'16.68"N
Lon: 97°47'00.85"W
Lat: 36.08796657
Lon: -97.78357031
X: 2032448
Y: 396110

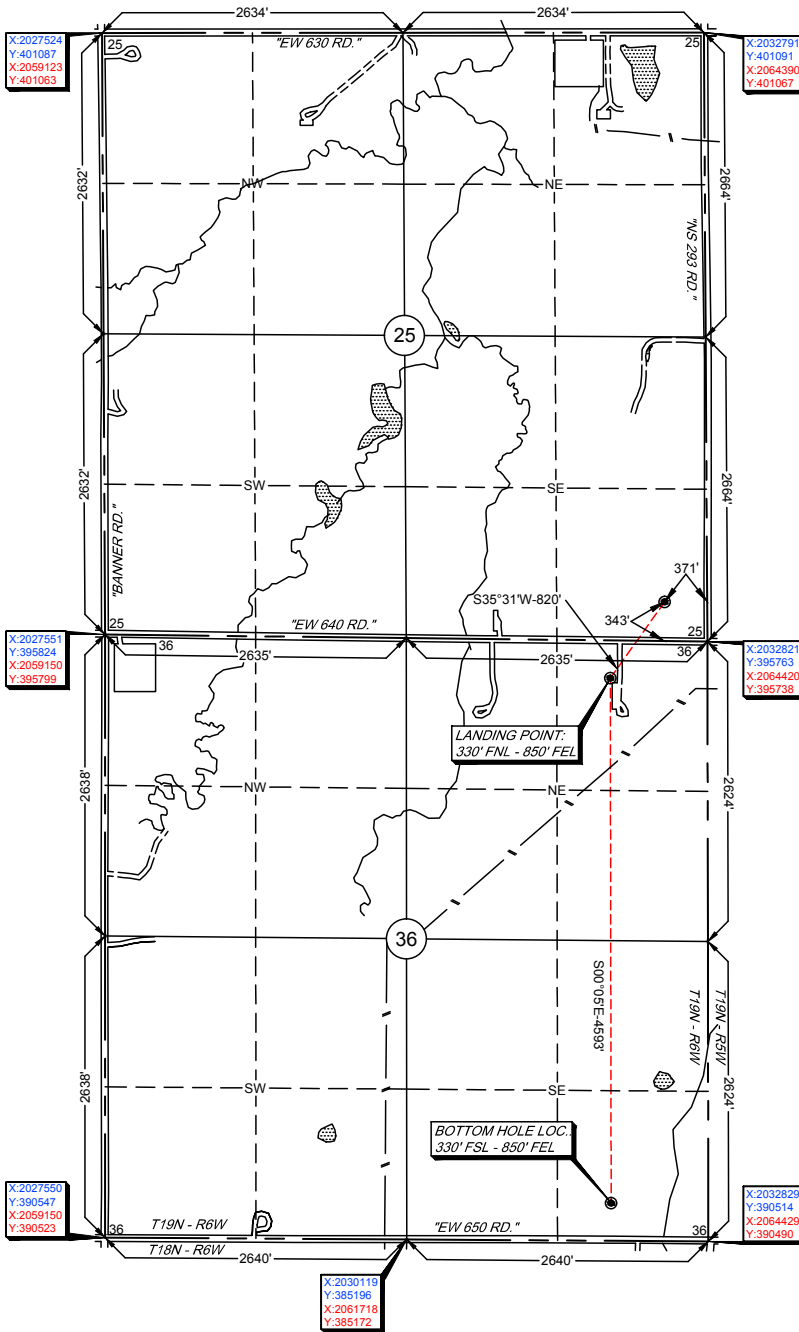
Surface Hole Loc.:
Lat: 36°05'16.54"N
Lon: 97°46'59.66"W
Lat: 36.08792776
Lon: -97.78323953
X: 2064047
Y: 396086

Landing Point:
Lat: 36°05'10.09"N
Lon: 97°47'06.68"W
Lat: 36.08613610
Lon: -97.78518767
X: 2031971
Y: 395443

Landing Point:
Lat: 36°05'09.95"N
Lon: 97°47'05.48"W
Lat: 36.08609728
Lon: -97.78485686
X: 2063571
Y: 395418

Bottom Hole Loc.:
Lat: 36°04'24.67"N
Lon: 97°47'06.71"W
Lat: 36.07351930
Lon: -97.78519748
X: 2031979
Y: 390850

Bottom Hole Loc.:
Lat: 36°04'24.53"N
Lon: 97°47'05.52"W
Lat: 36.07348022
Lon: -97.78486678
X: 2063578
Y: 390825



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.

-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

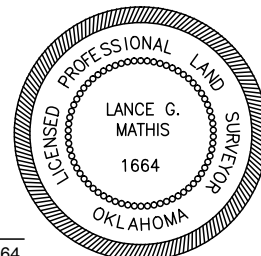
Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

LANCE G. MATHIS

09/04/18

OK LPLS 1664



Invoice #8099

Date Staked: 08/24/18

By: H.S.

Date Drawn: 08/30/18

By: M.K.