

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

API NUMBER: 073 26310

Approval Date: 10/11/2018

Expiration Date: 04/11/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 301 2295

Lease Name: PHYLLIS

Well No: 35-O1SH

Well will be 301 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

PHYLLIS A. MIRKES
6807 NORTH 2890 ROAD
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 OSWEGO	6272	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 661562

Location Exception Orders:

Increased Density Orders: 683701

Pending CD Numbers: 201806267

Special Orders:

Total Depth: 10904

Ground Elevation: 1164

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 170

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: 18-35605
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 35 Twp 19N Rge 6W County KINGFISHER

Spot Location of End Point: C S2 S2 S2

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2640

Depth of Deviation: 5372

Radius of Turn: 573

Direction: 185

Total Length: 4632

Measured Total Depth: 10904

True Vertical Depth: 6272

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

Notes:

Category

Description

HYDRAULIC FRACTURING

10/3/2018 - 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: 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 - 683701

10/11/2018 - G75 - 35-19N-6W
X661562 OSWG
2 WELLS
SK NEMAHA, LLC
9-25-2018

PENDING CD - 201806267

10/11/2018 - G75 - (I.O.) 35-19N-6W
X661562 OSWG
COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 2640' FWL
NO OP. NAMED
REC 8-28-2018 (JACKSON)

SPACING - 661562

10/11/2018 - G75 - (640)(HOR) 35-19N-6W
VAC OTHERS
VAC 46739 OSWG W2 NE4 & W2 SE4
EXT 645701 OSWG, OTHERS
POE TO BHL NCT 660' FB
(COEXIST SP. ORDER # 46739 OSWG W2, E2 NE4, E2 SE4)

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073 26310 PHYLLIS 35-O1SH



Well Location Plat

Sec. 35-19N-6W I.M.

Operator: SK NEMAHA

Lease Name and No.: PHYLLIS 35-01SH

API 073-26310

Footage: 301' FNL - 2295' FEL Gr. Elevation: 1164'

Section: 35 Township: 19N Range: 6W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell in open pasture, 20' East of North-South $\frac{1}{4}$ Section Line.



All bearings shown are grid bearings.

0' 500' 1000' 1500'

1" = 1000'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 36°05'11.18"N

Lon: 97°48'28.49"W

Lat: 36.08643999

Lon: -97.80791501

X: 2025256

Y: 395539

Surface Hole Loc.:

Lat: 36°05'11.04"N

Lon: 97°48'27.30"W

Lat: 36.08640128

Lon: -97.80758357

X: 2056855

Y: 395515

Landing Point:

Lat: 36°05'10.93"N

Lon: 97°48'32.26"W

Lat: 36.08636882

Lon: -97.80896031

X: 2024947

Y: 395513

Landing Point:

Lat: 36°05'10.79"N

Lon: 97°48'31.06"W

Lat: 36.08633011

Lon: -97.80862885

X: 2056546

Y: 395488

Bottom Hole Loc.:

Lat: 36°04'25.12"N

Lon: 97°48'32.99"W

Lat: 36.07364516

Lon: -97.80916271

X: 2024896

Y: 390881

Bottom Hole Loc.:

Lat: 36°04'24.98"N

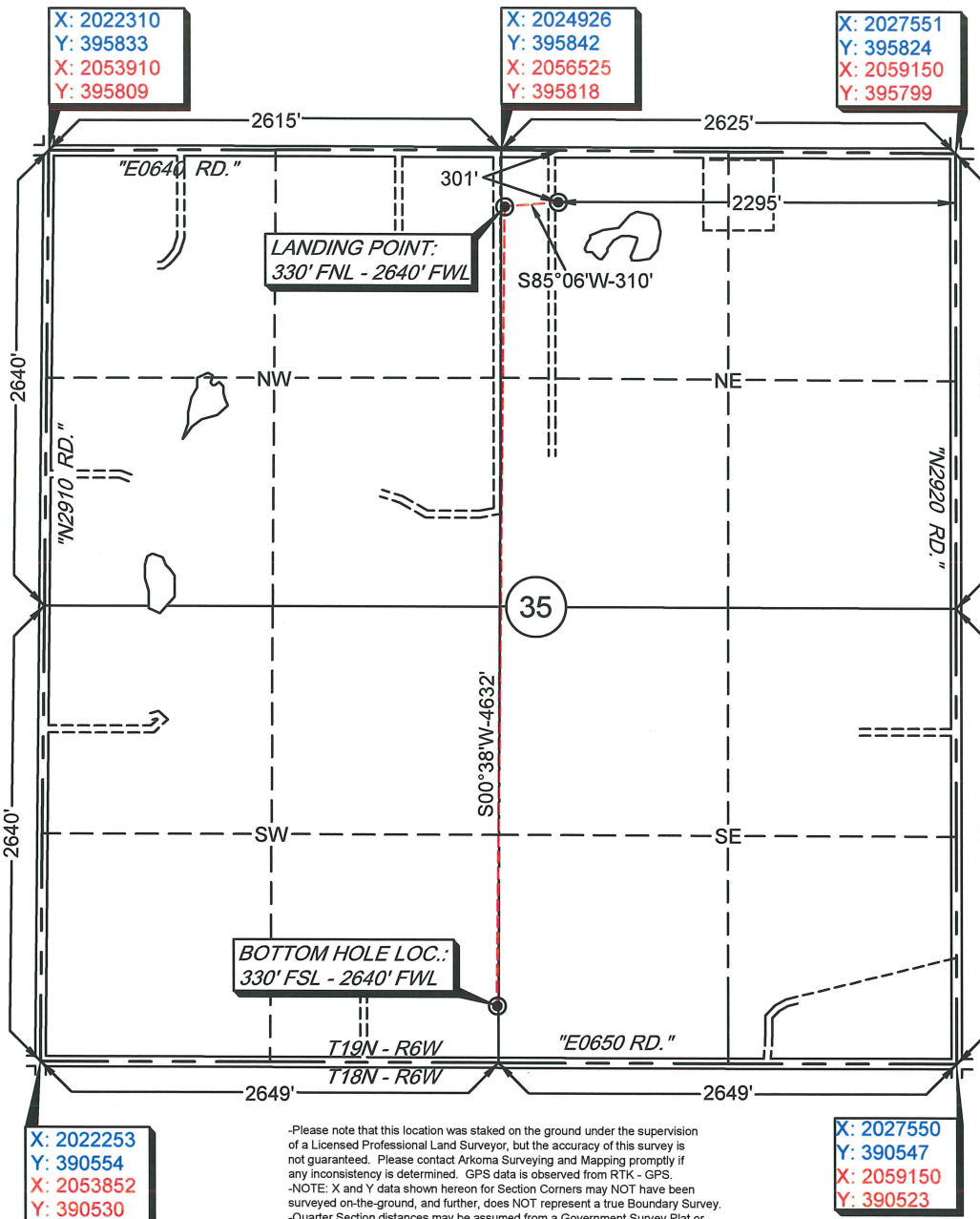
Lon: 97°48'31.79"W

Lat: 36.07360622

Lon: -97.80883135

X: 2056496

Y: 390857



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

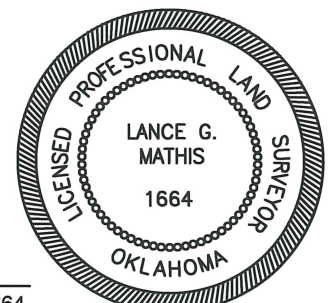
Certification:

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
LANCE G. MATHIS

09/19/18

OK LPLS 1664



Invoice #8163

Date Staked: 09/12/18 By: R.L.

Date Drawn: 09/14/18 By: J.D.