

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

API NUMBER: 073 26267

Approval Date: 09/21/2018

Expiration Date: 03/21/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 19N Rge: 6W

County: KINGFISHER

SPOT LOCATION: ☐ NE ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 253 385

Lease Name: PHYLLIS

Well No: 35-02SH

Well will be 253 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

MARVIN & DOROTHY IVEN
520 NORTH CHEROKEE STREET
HENNESSEY OK 73742

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

Name	Depth	Name	Depth
1 OSWEGO	6185	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 661562

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806266
201806268
201807403

Special Orders:

Total Depth: 11085

Ground Elevation: 1132

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: 18-35406
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: E2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 5238

Radius of Turn: 573

Direction: 189

Total Length: 4946

Measured Total Depth: 11085

True Vertical Depth: 6185

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

Notes:

Category

Description

HYDRAULIC FRACTURING

9/4/2018 - 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

PENDING CD - 201806266

9/11/2018 - G57 - 35-19N-6W
X661562 OSWG
2 WELLS
SK NEMAHA, LLC.
REC 8-28-2018 (JACKSON)

PENDING CD - 201806268

9/11/2018 - G57 - (I.O.) 35-19N-6W
X661562 OSWG
SHL (36-19N-6W) NCT 255' FNL, NCT 200' FWL **
COMPL. INT. (35-19N-6W) NCT 330' FNL, NCT 330' FSL, NCT 380' FEL
SK NEMAHA, LLC.
REC 8-28-2018 (JACKSON)

**SHL ON ITD 253' FNL, 385' FWL; WILL BE CORRECTED AT THE HEARING FOR THE FINAL ORDER PER OPERATOR

PENDING CD - 201807403

9/21/2018 - G57 - (E.O.) 35-19N-6W
X165:10-3-28(C)(2)(B) OWSG (PHYLLIS 35-O2SH) MAY BE CLOSER THAN 600' TO THE MIRKES NO. 1
SK NEMAHA, LLC.
REC 9-21-2018 (MILLER)

SPACING - 661562

9/11/2018 - G57 - (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 W/ SP. ORDER 46739 OSWG W2, E2 NE4, E2 SE4)

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.

073 26267 PHYLLIS 35-02SH



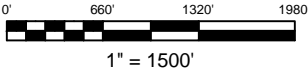
Well Location Plat

S.H.L. Sec. 36-19N-6W I.M.
B.H.L. Sec. 35-19N-6W I.M.

Operator: SK NEMAHA
Lease Name and No.: PHYLLIS 35-02SH
Footage: 253' FNL - 385' FWL Gr. Elevation: 1132'
Section: 36 Township: 19N Range: 6W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell on existing level pad site.

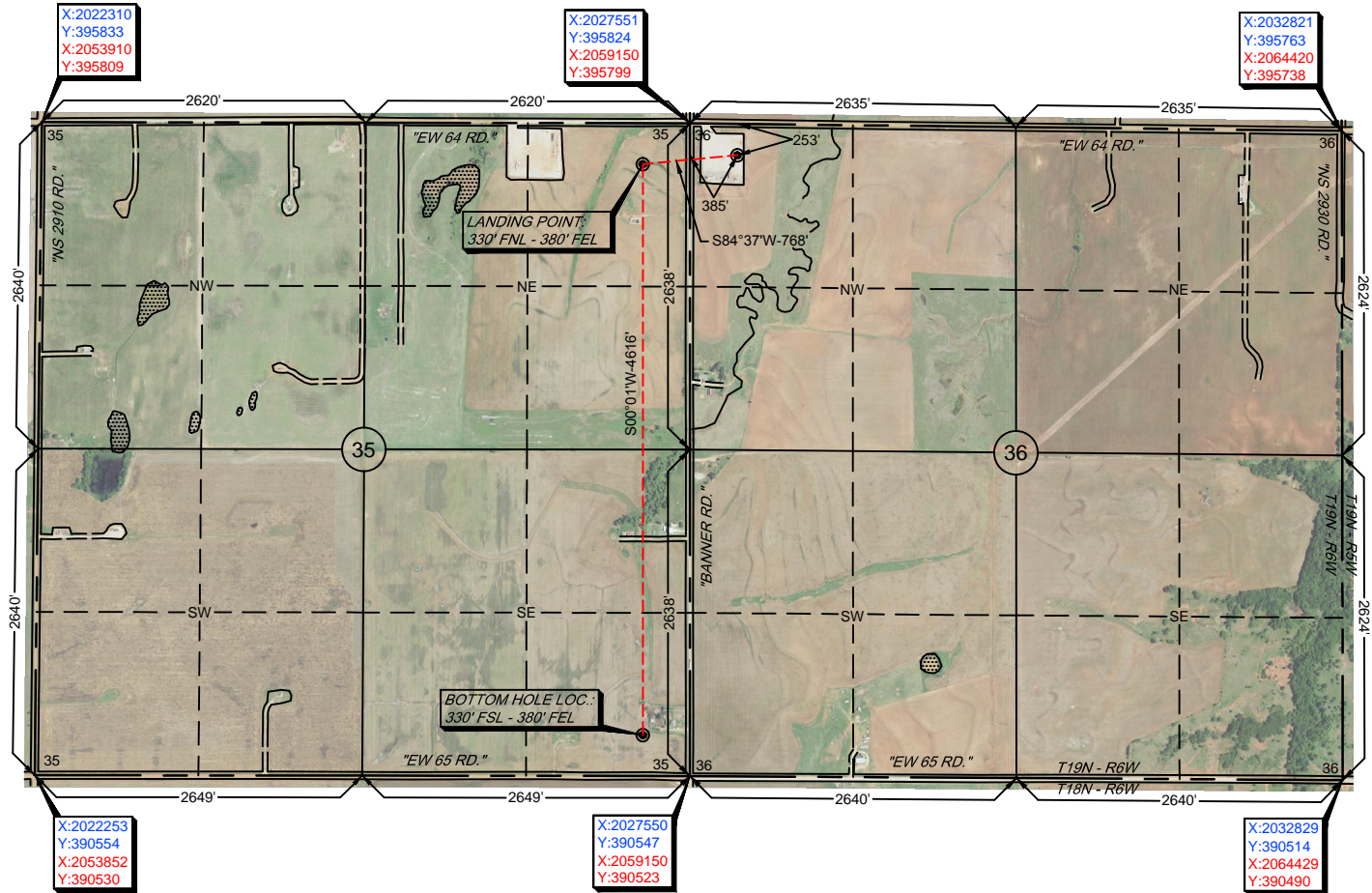


All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK NORTH ZONE

Surface Hole Loc.: Lat: 36°05'11.40"N Lon: 97°47'55.84"W X: 2027936 Y: 395566	Landing Point: Lat: 36°05'10.70"N Lon: 97°48'05.16"W X: 2027171 Y: 395494	Bottom Hole Loc.: Lat: 36°04'25.05"N Lon: 97°48'05.29"W X: 2027170 Y: 390878
Surface Hole Loc.: Lat: 36°05'11.26"N Lon: 97°47'54.65"W X: 2059535 Y: 395542	Landing Point: Lat: 36°05'10.56"N Lon: 97°48'03.97"W X: 2058770 Y: 395470	Bottom Hole Loc.: Lat: 36°04'24.91"N Lon: 97°48'04.09"W X: 2058770 Y: 390854




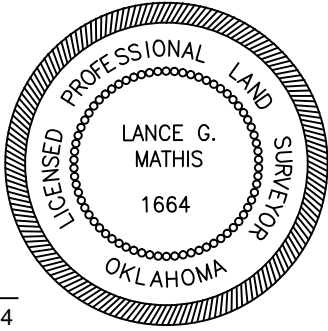
-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: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

Invoice #7973
Date Staked: 07/05/18 By: J.W.
Date Drawn: 07/09/18 By: C.K.
Rev. Lease Name: 08/06/18 By: R.S.
Rev. LP & BHL: 08/08/18 By: J.K.
Rev. LP & BHL: 08/24/18 By: R.S.

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 08/27/18
OK LPLS 1664





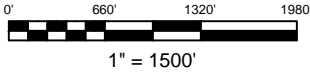
Well Location Plat

S.H.L. Sec. 36-19N-6W I.M.
B.H.L. Sec. 35-19N-6W I.M.

Operator: SK NEMAHA
Lease Name and No.: PHYLLIS 35-02SH
Footage: 253' FNL - 385' FWL Gr. Elevation: 1132'
Section: 36 Township: 19N Range: 6W I.M.
County: Kingfisher State of Oklahoma
Terrain at Loc.: Location fell on existing level pad site.

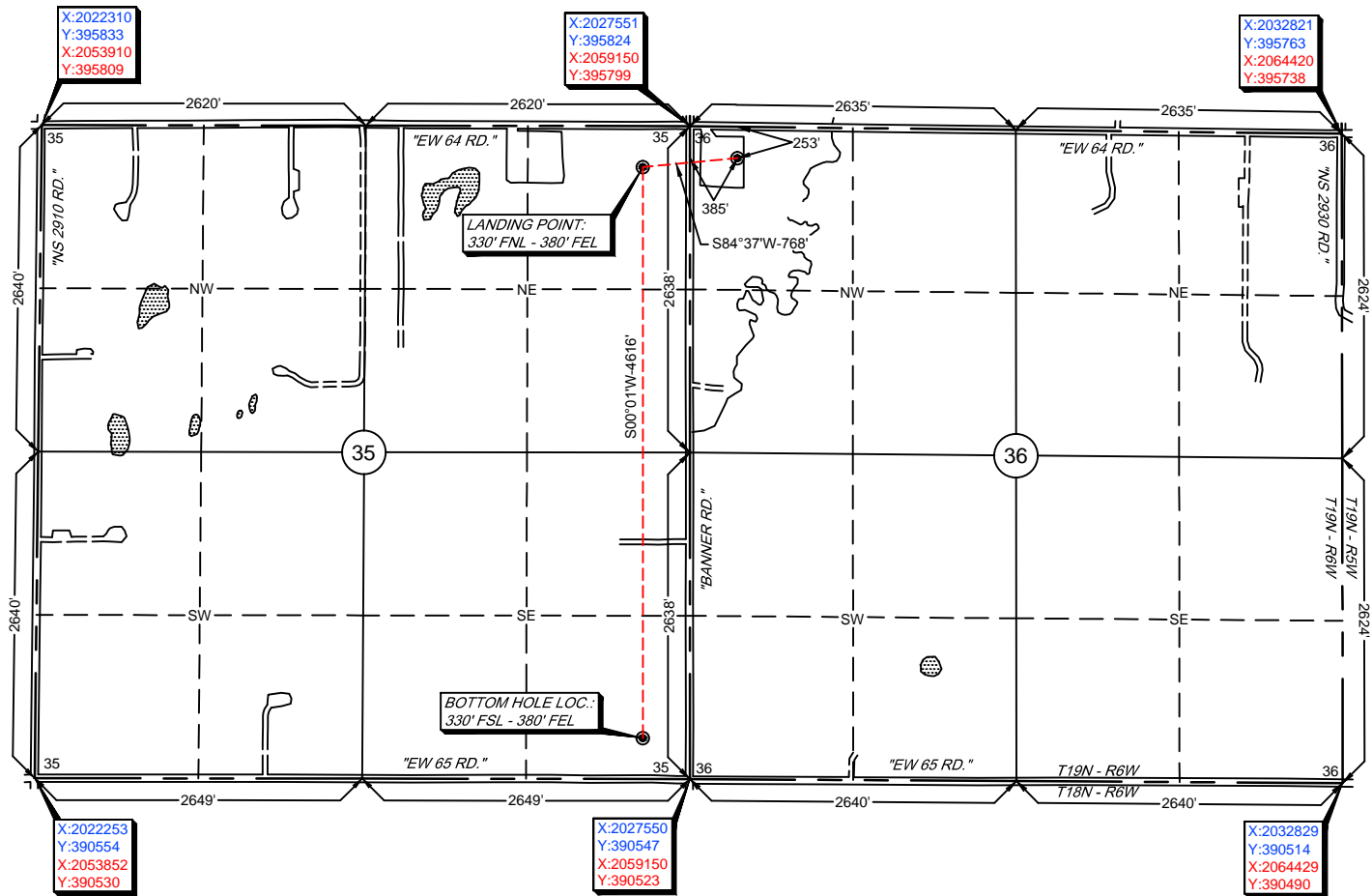


All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK NORTH ZONE

Surface Hole Loc.: Lat: 36°05'11.40"N Lon: 97°47'55.84"W X: 2027936 Y: 395566	Landing Point: Lat: 36°05'10.70"N Lon: 97°48'05.16"W X: 2027171 Y: 395494	Bottom Hole Loc.: Lat: 36°04'25.05"N Lon: 97°48'05.29"W X: 2027170 Y: 390878
Surface Hole Loc.: Lat: 36°05'11.26"N Lon: 97°47'54.65"W X: 2059535 Y: 395542	Landing Point: Lat: 36°05'10.56"N Lon: 97°48'03.97"W X: 2058770 Y: 395470	Bottom Hole Loc.: Lat: 36°04'24.91"N Lon: 97°48'04.09"W X: 2058770 Y: 390854




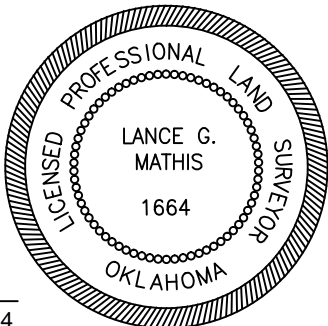
-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: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

Invoice #7973
Date Staked: 07/05/18 By: J.W.
Date Drawn: 07/09/18 By: C.K.
Rev. Lease Name: 08/06/18 By: R.S.
Rev. LP & BHL: 08/08/18 By: J.K.
Rev. LP & BHL: 08/24/18 By: R.S.

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
08/27/18
OK LPLS 1664





Topographic Vicinity Map



Operator: SK NEMAHA

Lease Name and No.: PHYLLIS 35-02SH

Surface Hole Location: 253' FNL - 385' FWL

Sec. 36 Twp. 19N Rng. 6W I.M.

Landing Point: 330' FNL - 380' FEL

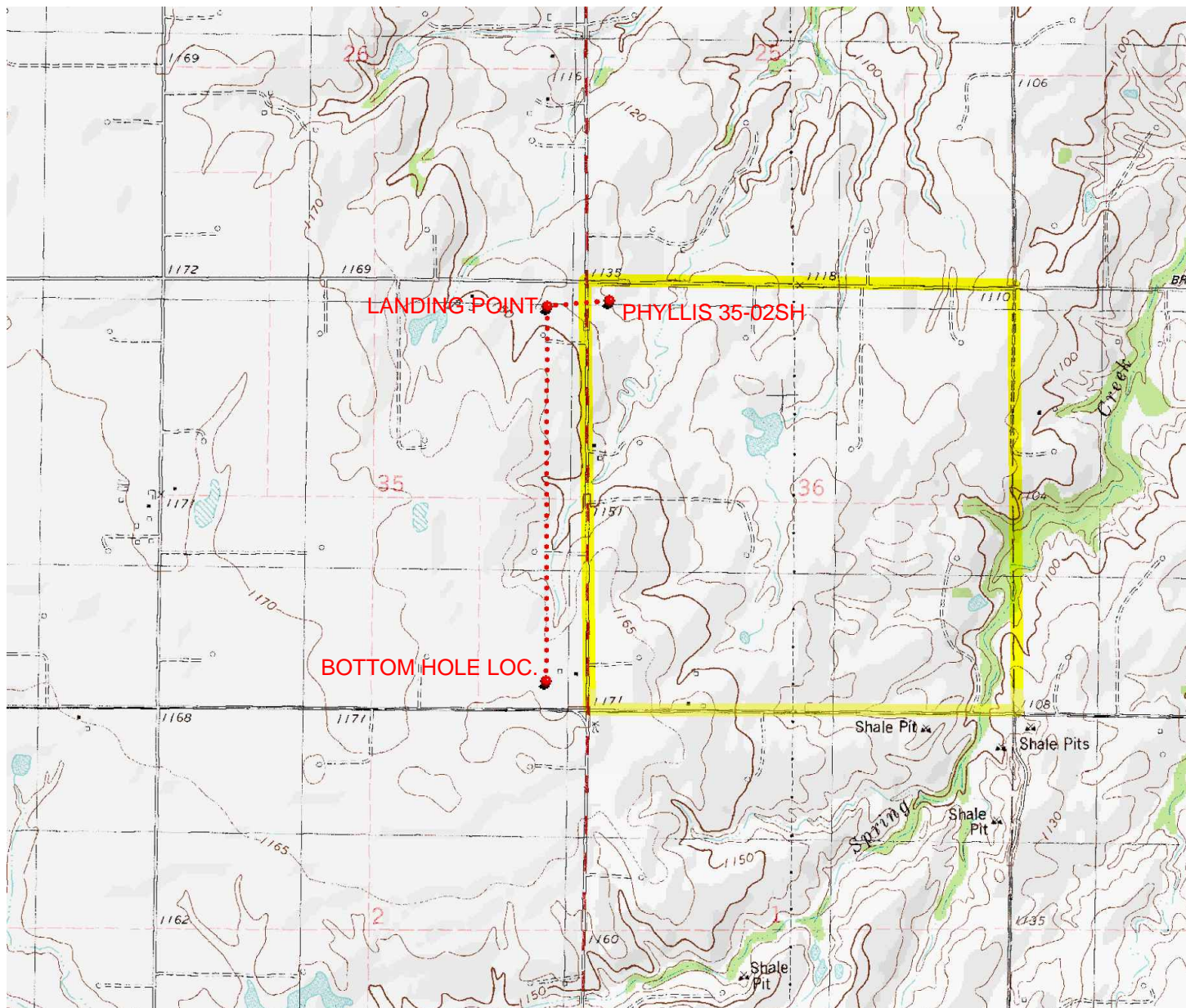
Bottom Hole Location: 330' FSL - 380' FEL

Sec. 35 Twp. 19N Rng. 6W I.M.

County: Kingfisher State of Oklahoma

Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1132'



Provided 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

Date Staked: 07/05/18

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully 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.



Anti-Collision

Sec. 36-19N-6W I.M.

Operator: SK NEMAHA

Lease Name and No.: PHYLLIS 35-02SH

Surface Hole Location: 253' FNL - 385' FWL

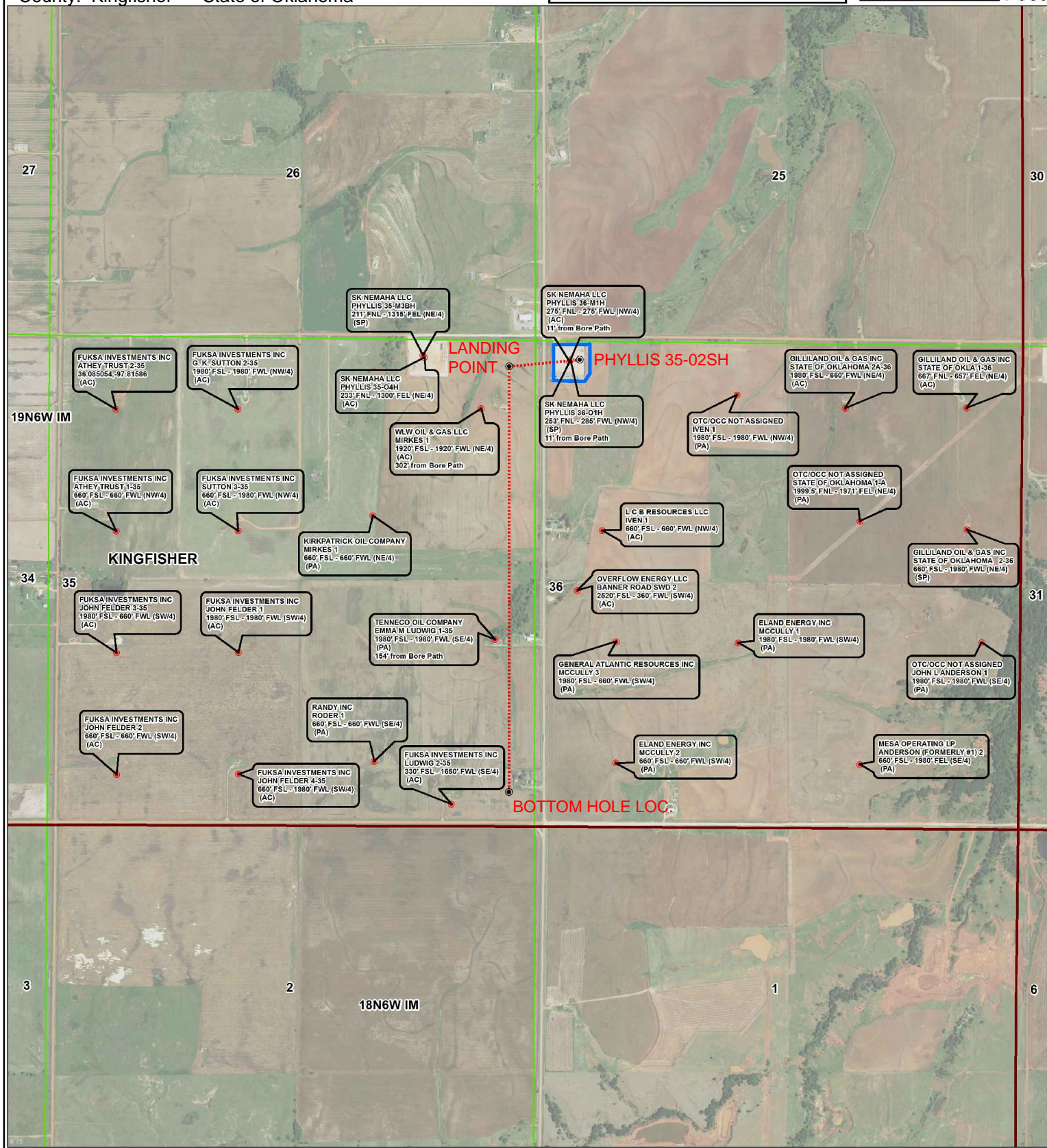
Sec. 36 Twp. 19N Rng. 6W I.M.

Landing Point: 330' FNL - 380' FEL

Bottom Hole Location: 330' FSL - 380' FEL

Sec. 35 Twp. 19N Rng. 6W I.M.

County: Kingfisher State of Oklahoma



County Highway Vicinity Map

Job #: 7973

Operator: SK NEMAHA

Lease Name and No.: PHYLLIS 35-02SH

Accessibility: From the North.

Directions: From the junction of US HWY 81 & State HWY 51 in the town of Hennessey, OK, go 5.5 miles East on State HWY 51, 2.0 miles South on "NS 292 RD.", then go ~500 ft East on "EW 64 RD." to the Northwest Quarter of Section 36-19N-6W on the South side of the road.



1 inch = 1 mile

provided 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, 2018

