

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

API NUMBER: 049 25313

Approval Date: 09/27/2019

Expiration Date: 03/27/2021

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 4N Rge: 3W

County: GARVIN

SPOT LOCATION: ☐ NW ☐ SW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1941 120

Lease Name: E LINDSAY SWD

Well No: 1

Well will be 120 feet from nearest unit or lease boundary.

Operator
Name: H2OK LLC

Telephone: 7138247515

OTC/OCC Number: 24060 0

H2OK LLC
PO BOX 3014
MARBLE FALLS , TX 78654-3076

PHILLIPS FAMILY FARM LLC
1021 S KALANCHOE AVE
BROKEN ARROW OK 74012

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

	Name	Depth	Name	Depth
1	SHAWNEE	4620	6	
2	DOUGLAS	4834	7	
3	HOXBAR	5458	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6550

Ground Elevation: 955

Surface Casing: 430

Depth to base of Treatable Water-Bearing FM: 300

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

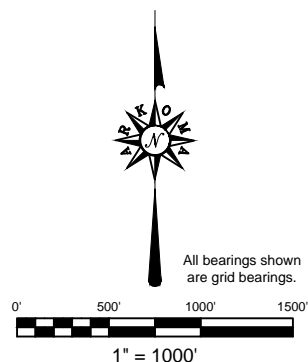
H. MIN. 20-MIL PIT LINER REQUIRED

Notes:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

Category	Description
HYDRAULIC FRACTURING	<p>9/18/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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; AND,</p> <p>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</p>
SPACING	9/18/2019 - G71 - N/A - DISPOSAL WELL

Operator: H2OK, LLC
Lease Name and No.: E. LINDSAY SWD
Footage: 1941' FSL - 120' FWL Gr. Elevation: N/A
Section: 13 Township: 4N Range: 3W I.M.
County: Garvin State of Oklahoma
Terrain at Loc.: Location fell in an open, cultivated field.



GPS DATUM
NAD 83
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°49'01.76"N
Lon: 97°28'29.72"W
Lat: 34.81715614
Lon: -97.47492234
X: 2126101
Y: 540408

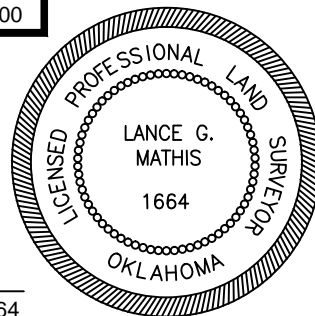


Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkansas Surveying and Mapping promptly if any inaccuracy is determined. GPS data is observed from RTK - GPS. NAD 83, Zone 14 and a data station network of Section Corners may not have been used. Section corners are not always marked. The Arkansas Land Survey, County Section, station may be assumed from Government Survey Plat or other survey. The distance between the section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.


LANCE G. MATHIS

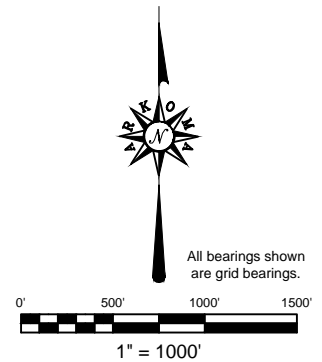
09/18/19

OK LPLS 1664



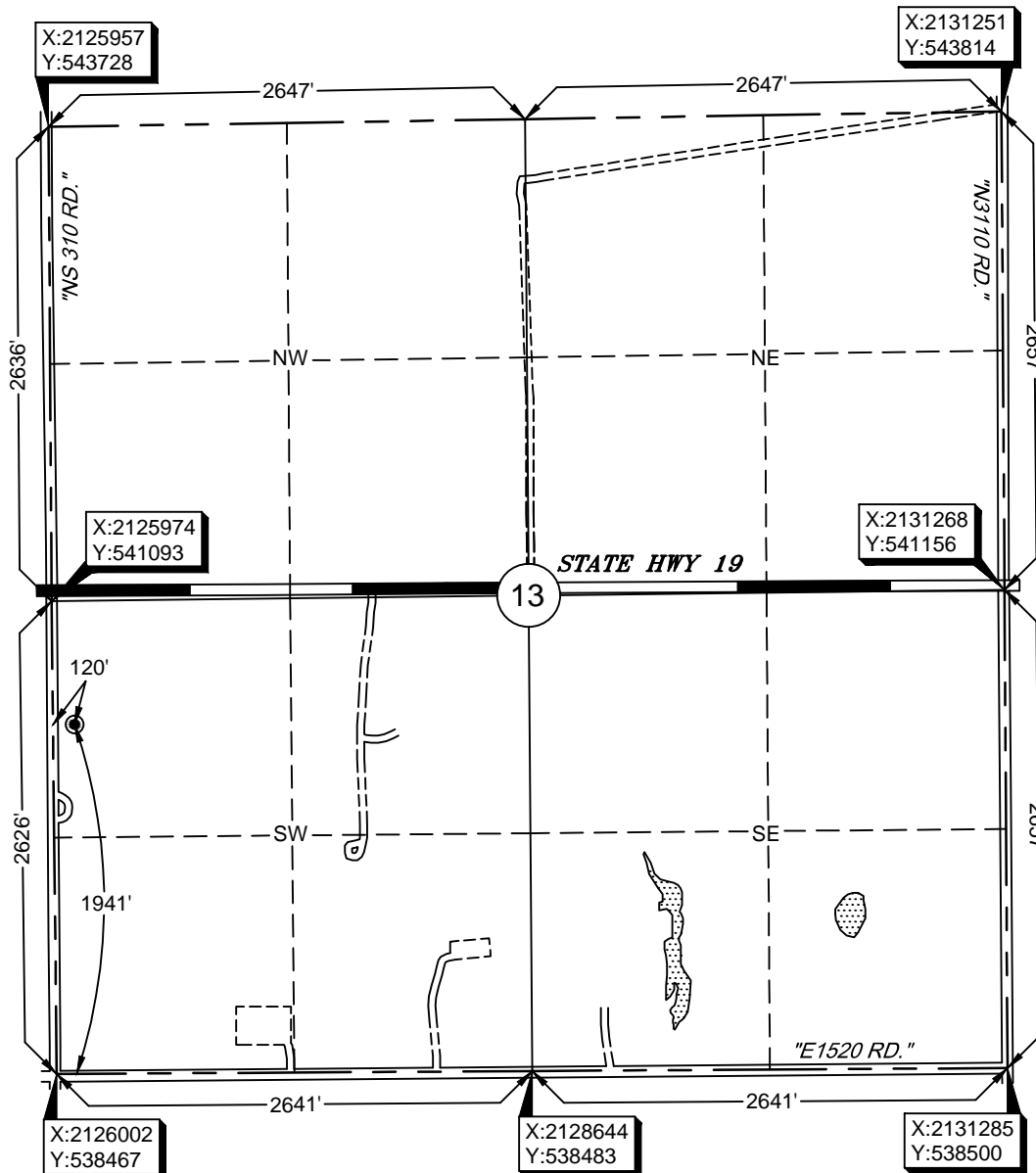
Sec. 13-4N-3W I.M.

Operator: H2OK, LLC
Lease Name and No.: E. LINDSAY SWD
Footage: 1941' FSL - 120' FWL Gr. Elevation: N/A
Section: 13 Township: 4N Range: 3W I.M.
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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

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Invoice # 8804


Date Staked: 08/05/19 By: S.O.

Date Drawn: 08/06/19 By: E.W.

Rev. SHL: 09/17/19 By: K.M.

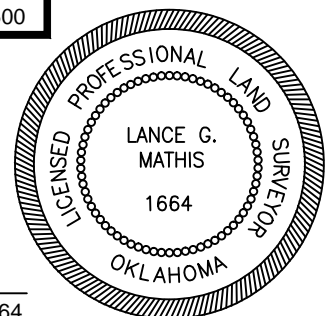
Certification:

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

09/18/19

OK LPLS 1664



Topographic Vicinity Map

Operator: H20K, LLC

Lease Name and No.: E. LINDSAY SWD

Surface Hole Location: 1941' FSL - 120' FWL

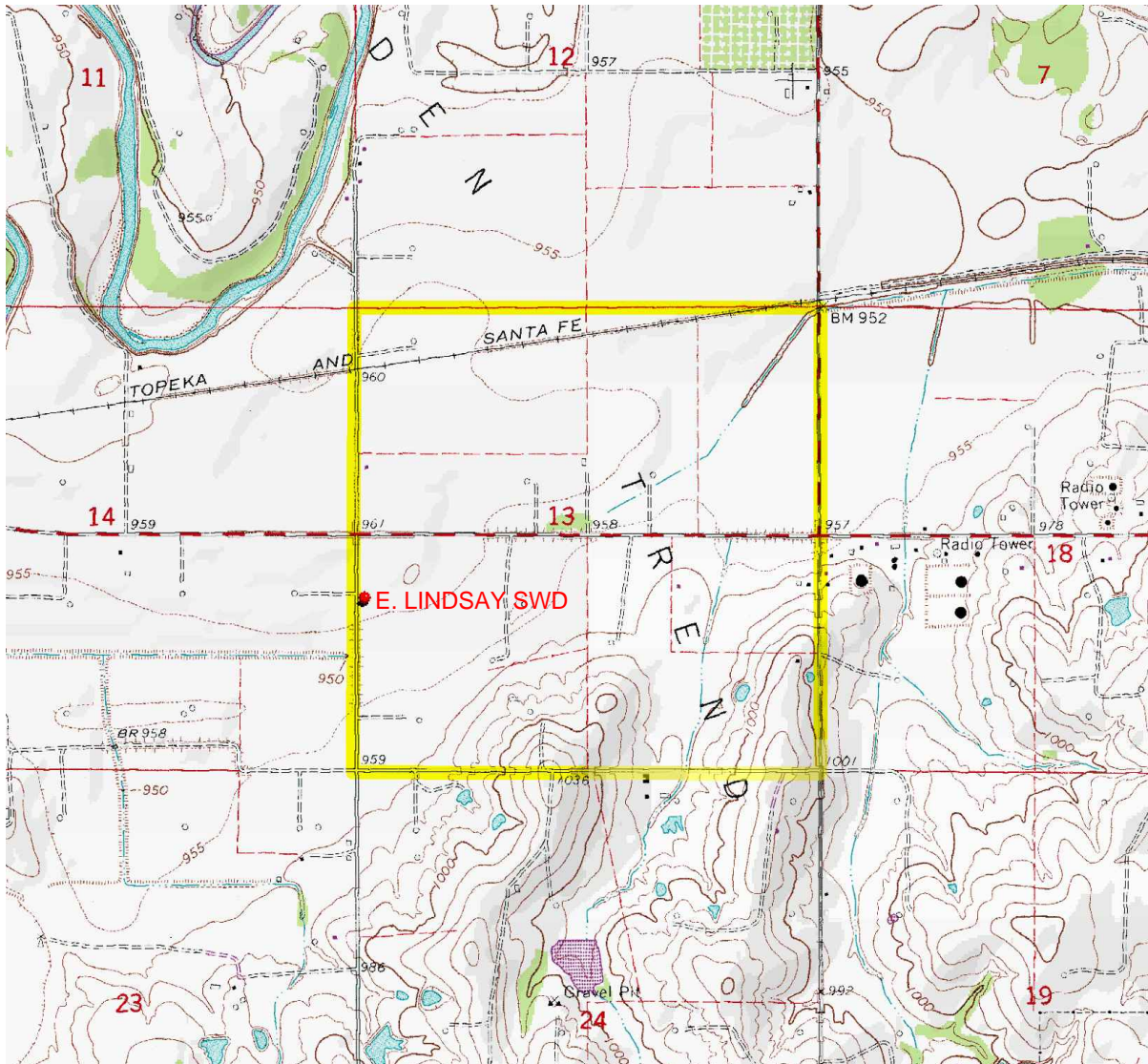
Sec. 13 Twp. 4N Rng. 3W I.M.

County: Garvin State of Oklahoma

Ground Elevation at Surface Hole Location: N/A



Scale 1" = 2000'
Contour Interval: 10'



Provided by:

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Certificate of Authorization No. 5348

Expires June 30, 2020

Date Staked: 08/05/19

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.

County Highway Vicinity Map

Job #: 8804

Operator: H2OK, LLC

Lease Name and No.: E. LINDSAY SWD

Accessibility: From the North.

Directions: From the junction of State HWY 74 & State HWY 19 in the town of Maysville, OK, go 4.0 miles West on State HWY 19 to the Southwest Quarter of Section 13-4N-3W on the South side of the road.

1 inch = 0.75 mile

provided by:
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Expires June 30, 2020

