

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

API NUMBER: 063 24857

Approval Date: 11/07/2018

Expiration Date: 05/07/2020

Straight Hole

Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 7N Rge: 9E

County: HUGHES

SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 438 2321

Lease Name: HAGGARD

Well No: 1-12 SWD

Well will be 438 feet from nearest unit or lease boundary.

Operator Name: WATERBRIDGE ARKOMA OPERATING LLC

Telephone: 4052558836

OTC/OCC Number: 24139 0

WATERBRIDGE ARKOMA OPERATING LLC
840 GESSNER RD STE 100
HOUSTON, TX 77024-8201

KENNETH & LINDA CHESTNUTT
221 NORTH HINCKLEY
HOLDENVILLE OK 74848

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

	Name	Depth	Name	Depth
1	SIMPSON	5050	6	
2	ARBUCKLE	5550	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7450

Ground Elevation: 871

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 730

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: WEWOKA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

H. MIN. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

Notes:

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.

Category	Description
DEEP SURFACE CASING	10/24/2018 - GA8 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>10/5/2018 - 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	10/5/2018 - G71 - NA-DISPOSAL WELL



Well Location Plat

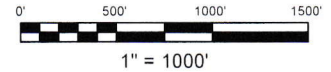
Sec. 12-7N-9E I.M.

Operator: WATERBRIDGE ARKOMA OPERATING, LLC
 Lease Name and No.: HAGGARD 1-12 SWD
 Footage: 438' FSL - 2321' FEL Gr. Elevation: 871'
 Section: 12 Township: 7N Range: 9E I.M.
 County: Hughes State of Oklahoma
 Terrain at Loc.: Location fell in pasture.

API 063-24857



All bearings shown
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:

Lat: 35.08806337

Lon: -96.30809601

X: 2474647

Y: 642839

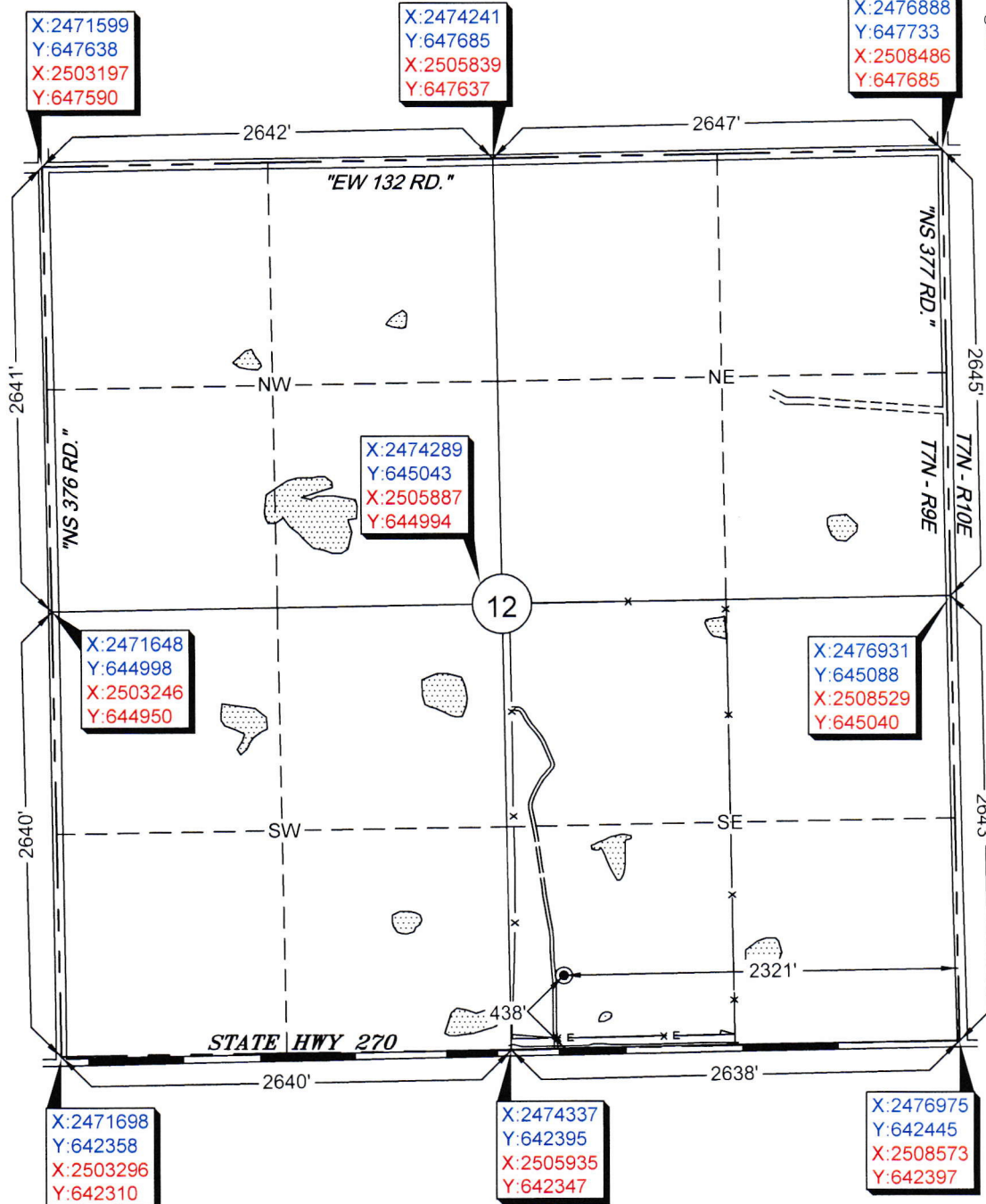
Surface Hole Loc.:

Lat: 35.08797671

Lon: -96.30781035

X: 2506245

Y: 642791



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

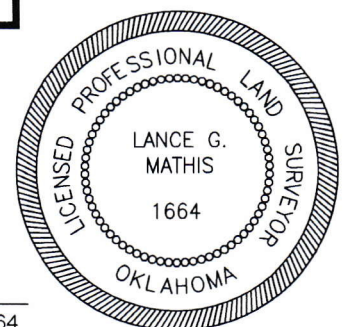
Certification:

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
 LANCE G. MATHIS

06/07/18

OK LPLS 1664



Invoice #7882

Date Staked: 05/30/18 By: D.A.

Date Drawn: 06/04/18 By: K.B.