

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

API NUMBER: 087 22135

Approval Date: 05/16/2018

Expiration Date: 11/16/2018

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 14 Twp: 5N Rge: 2W

County: MCCLAIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 330 349

Lease Name: WHC

Well No: 1-14

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: RANKEN ENERGY CORPORATION

Telephone: 4053402363

OTC/OCC Number: 17205 0

RANKEN ENERGY CORPORATION
457 W 18TH ST
EDMOND, OK 73013-3663

GUTHRIE FAMILY, LLC.
23140 E. COUNTY ROAD 1570
ELMORE CITY OK 73433

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

	Name	Depth		Name	Depth
1	HART (4TH DEESE)	6886	6	SIMPSON DOLOMITE	7873
2	PENN BASAL UNCONF SAND	6899	7	BROMIDE	7962
3	WOODFORD	6908	8		
4	HUNTON	6917	9		
5	VIOLA	7541	10		

Spacing Orders: 645993

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8200

Ground Elevation: 1055

Surface Casing: 310

Depth to base of Treatable Water-Bearing FM: 260

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

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: PURCELL

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34387

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.

087 22135 WHC 1-14

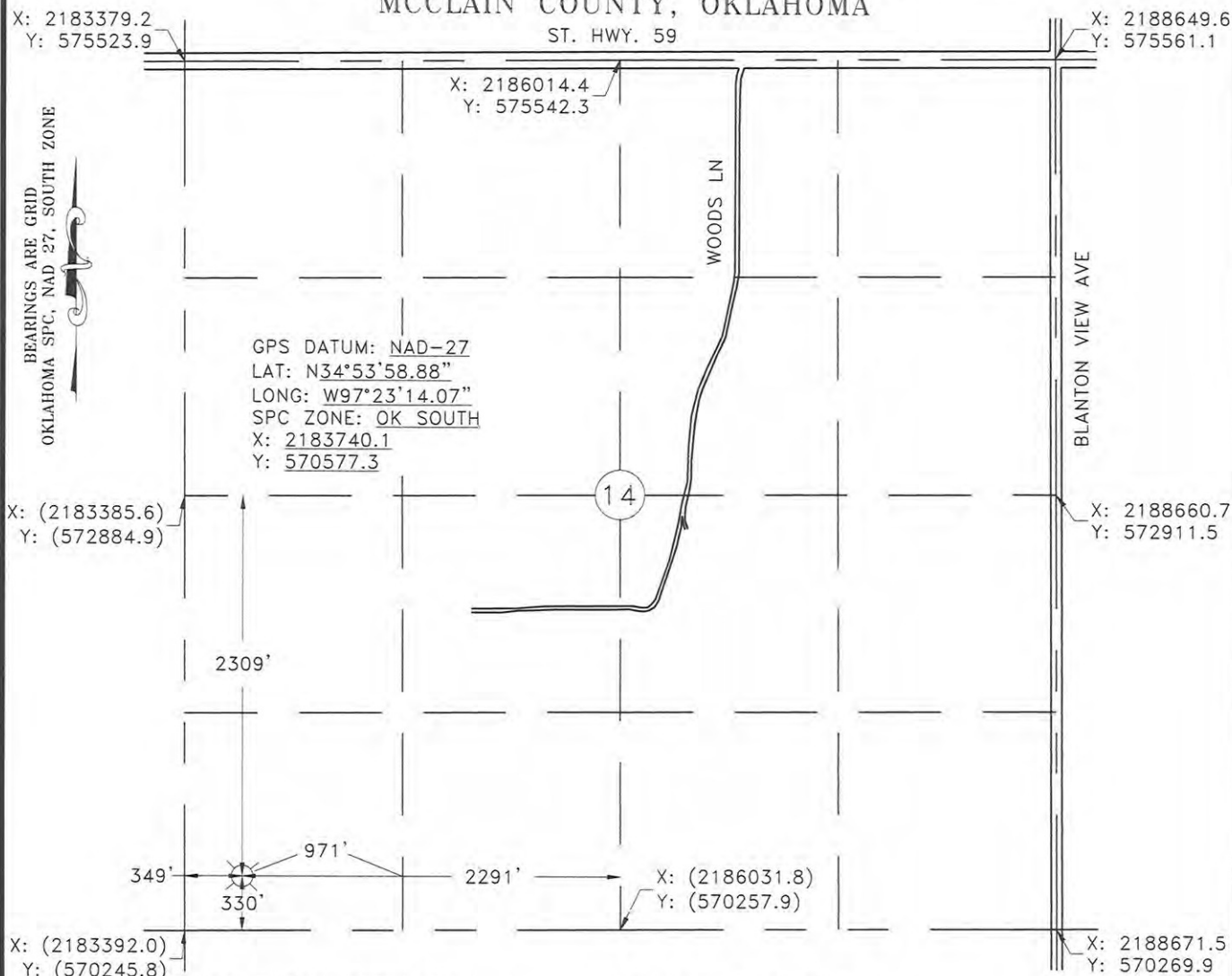
Category	Description
HYDRAULIC FRACTURING	<p>5/3/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 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 - 645993	<p>5/8/2018 - G57 - (80)(IRRG-UNIT) SW4 SW4 14 & NW4 NW4 23-5N-2W SU SW4 SW4 14-5N-2W NCT 330' FB</p> <p>VAC 19889 BPUNC SW4 SW4 14 & NW4 NW4 23-5N-2W</p> <p>VAC 19890 HNTN SW4 SW4 14 & NW4 NW4 23-5N-2W</p> <p>VAC 195728 VIOL, BRMD SW4 SW4 14-5N-2W</p> <p>VAC 259530 HART, VIOL, SPMSD, BRMD NW4 NW4 23-5N-2W</p> <p>EST HART, BPUNC, WDFD, HNTN, VIOL, SMPSD, BRMD</p>

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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.

SECTION 14, T 05 N - R 02 W, I.M.,
MCCLAIN COUNTY, OKLAHOMA

Operator: RANKEN ENERGY CORPORATION Date Staked: 4/19/18
 Lease Name: WHC Well No.: 1-14 Elevation: 1055'
 Topography and Vegetation: PASTURE
 Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE
 Best Accessibility to Location: FROM COUNTY ROAD
 Distance and Direction from Hwy. Jct. or town: FROM THE JCT. OF I-35 AND ST. HWY. 59, WEST OF WAYNE, OK, HEAD WEST 1.3 MILES ON ST. HWY. 59, HEAD SOUTH 0.9 MILE ON WOODS LN. LOCATION IS 2,110' SOUTHWEST OF END OF WOODS LN.

LEGEND
 SURFACE LOCATION
 EXISTING WELL BOTTOM HOLE/LANDING POINT
 PROPOSED DRILL PATH
 EXISTING PIPELINE - -
 ELECTRIC LINE - -
 OVERHEAD POWER - -
 FENCE - -

RANKEN ENERGY
CORPORATION

Gateway
Services Group, LLC

P.O. BOX 960
 WEEKER, OK 74855
 OFF. (405) 273-0954
 FAX (405) 273-0580
 C.A. NO. 4091 (LS)
 EXP. DATE 6-30-2018

EXHIBIT "A" PRELIMINARY
 WHC #1-14

SECTION 14, T 05 N - R 02 W, I.M.,
 MCCLAIN COUNTY, OKLAHOMA

DRAWN BY: ERW	DATE: 4/23/18	CHK'D: CWP
GATEWAY NO.: 18-0295-002R1	SCALE: 1"=1000'	
PAD PN#:	WELL PN#:	
REV. DWN.	DESCRIPTION	DATE
1	CWP UPDATED LAT. & LONG.	5/23/18

5-24-2018
 FRED ANTHONY SELESKY
 OKLAHOMA L.P.L.S. NO.: 1860

NOTE:

This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Distances shown in (Parenthesis) are based upon the Quarter Section being 2640 feet, those shown in [Brackets] are GLO distances and have not been measured. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.

