

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

API NUMBER: 051 24495

Approval Date: 10/05/2018

Expiration Date: 04/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 9N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 225

Lease Name: DON KING 8-5-9-6

Well No: 1MXH

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: ROAN RESOURCES LLC

Telephone: 4052412150

OTC/OCC Number: 24127 0

ROAN RESOURCES LLC  
14701 HERTZ QUAIL SPRINGS PKWY  
OKLAHOMA CITY, OK 73134-2641

WINDBLOWN FARMS LLC  
1401 STATE HWY 92  
TUTTLE OK 73085

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	11150	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 224504  
338339

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807153  
201807154  
201807816  
201807817

Special Orders:

Total Depth: 21634

Ground Elevation: 1357

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 310

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: 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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

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

PERMIT NO: 18-34624

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: 3

Liner required for Category: 3

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 05 Twp 9N Rge 6W County GRADY

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 350

Depth of Deviation: 10396

Radius of Turn: 575

Direction: 355

Total Length: 10335

Measured Total Depth: 21634

True Vertical Depth: 11150

End Point Location from Lease,  
Unit, or Property Line: 65

Notes:

Category

Description

DEEP SURFACE CASING

9/10/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

9/10/2018 - 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](http://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](http://FRACFOCUS.ORG)

MEMO

9/10/2018 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201807153

9/13/2018 - G58 - (I.O.) 8 & 5-9N-6W  
EST MULTIUNIT HORIZONTAL WELL  
X224504 MSSLM 8-9N-6W  
X338339 MSSLM 5-9N-6W  
50% 8-9N-6W  
50% 5-9N-6W  
NO OP. NAMED  
REC 10/3/2018 (JACKSON)

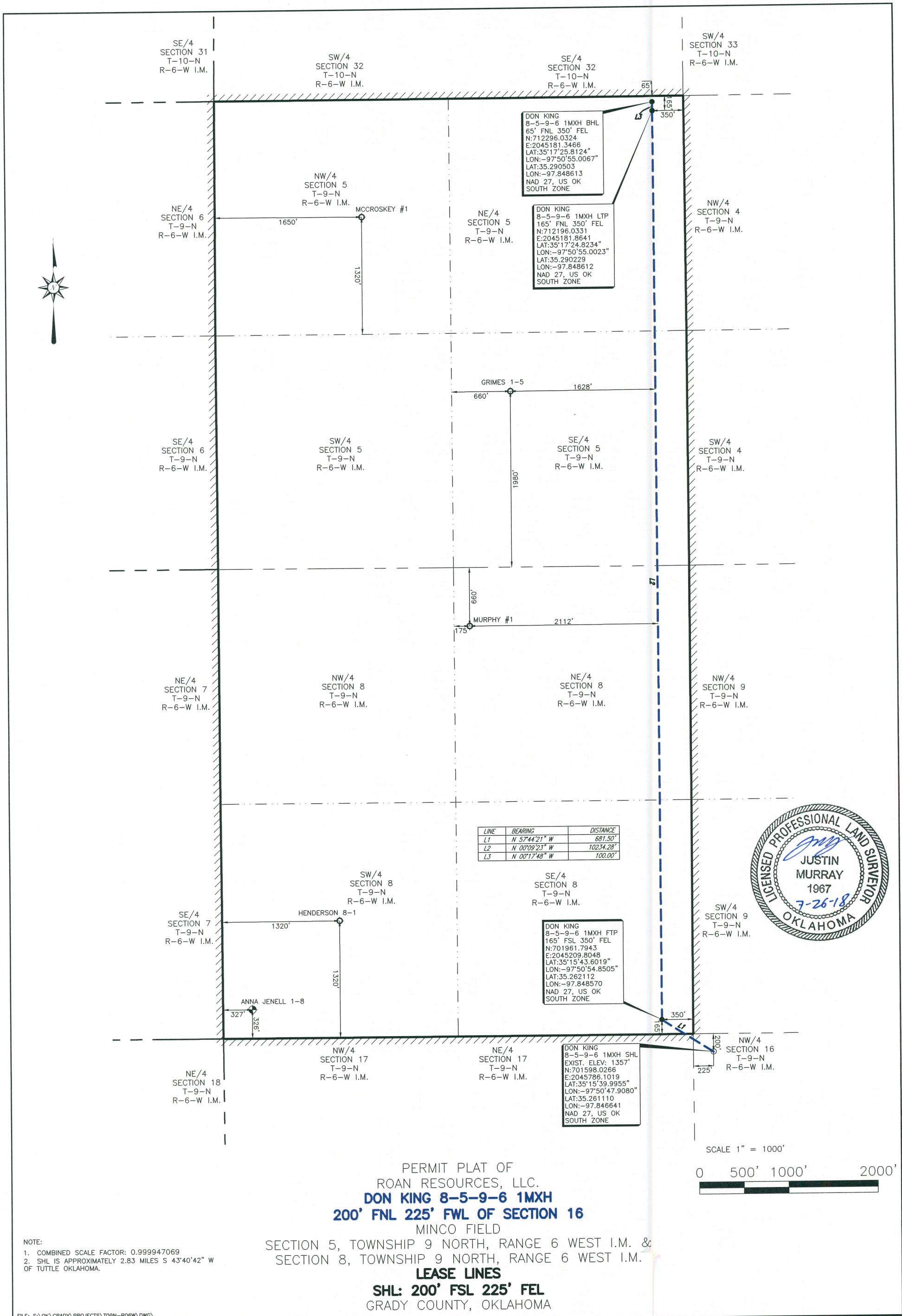
This permit does not address the right of entry or settlement of surface damages.

051 24495 DON KING 8-5-9-6 1MXH

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
PENDING CD - 201807154	9/13/2018 - G58 - (I.O.) 8 & 5-9N-6W X224504 MSSLM 8-9N-6W X338339 MSSLM 5-9N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. 8-9N-6W NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. 5-9N-6W NCT 0' FSL, NCT 150' FNL, NCT 330' FWL** NO OP. NAMED REC 10/5/2018 (JACKSON)  **S/B FEL; WILL BE FIXED AT HEARING PER ATTORNEY FOR OP.
PENDING CD - 201807816	10/5/2018 - G58 - 8-9N-6W X224504 MSSLM 1 WELL NO OP. NAMED HEARING 10/15/2018
PENDING CD - 201807817	10/5/2018 - G58 - 5-9N-6W X338339 MSSLM 1 WELL NO OP. NAMED HEARING 10/15/2018
SPACING - 224504	9/13/2018 - G58 - (640) 8-9N-6W EXT OTHERS EXT 153950/168898 MSSLM
SPACING - 338339	9/13/2018 - G58 - (640) 5-9N-6W EXT OTHER EXT 224504 MSSLM, OTHERS



LINE	BEARING	DISTANCE
L1	N 57°44'21" W	681.50'
L2	N 00°09'23" W	10234.28'
L3	N 00°17'48" W	100.00'

DON KING  
8-5-9-6 1MXH FTP  
165' FSL 350' FEL  
N:701961.7943  
E:2045209.8048  
LAT:35°15'43.6019"  
LON:-97°50'54.8505"  
LAT:35.262112  
LON:-97.848570  
NAD 27, US OK  
SOUTH ZONE

DON KING  
8-5-9-6 1MXH SHL  
EXIST. ELEV: 1357'  
N:701598.0266  
E:2045786.1019  
LAT:35°15'39.9955"  
LON:-97°50'47.9080"  
LAT:35.261110  
LON:-97.846641  
NAD 27, US OK  
SOUTH ZONE

SCALE 1" = 1000'



PERMIT PLAT OF  
ROAN RESOURCES, LLC.  
**DON KING 8-5-9-6 1MXH**  
**200' FNL 225' FWL OF SECTION 16**  
MINCO FIELD  
SECTION 5, TOWNSHIP 9 NORTH, RANGE 6 WEST I.M. &  
SECTION 8, TOWNSHIP 9 NORTH, RANGE 6 WEST I.M.  
**LEASE LINES**  
**SHL: 200' FSL 225' FEL**  
GRADY COUNTY, OKLAHOMA

NOTE:  
1. COMBINED SCALE FACTOR: 0.999947069  
2. SHL IS APPROXIMATELY 2.83 MILES S 43°40'42" W  
OF TUTTLE OKLAHOMA.

FILE: S:\OK\GRADY\PROJECTS\T09N-R06W\DWG\

LEGEND	
SHL	SURFACE HOLE LOCATION
PP	PENETRATION POINT
FTP	FIRST TAKE POINT
LTP	LAST TAKE POINT
BHL	BOTTOM HOLE LOCATION
OCC	OKLAHOMA CORPORATION COMMISSION
POINT	POINT
EXISTING WELLHEAD	EXISTING WELLHEAD
PROPOSED WELL LOCATION SET	PROPOSED WELL LOCATION SET
SURFACE LOCATION OBTAINED FROM OCC	SURFACE LOCATION OBTAINED FROM OCC

John F. Watson & Company  
LAND & DEVELOPMENT SERVICES  
PROFESSIONAL LAND SURVEYORS  
200 N. Lorraine, Ste. 220  
Midland, Texas 79701  
OFF: (432) 520-2400  
FAX: (432) 520-2404



CA#5957 EXPIRATION 6-30-2019  
200 N LORAIN #220  
MIDLAND, TX 79701  
(432) 520-2400

ORIGINAL STAKE DATE: 04/30/18  
RE-STAKE DATE: 05/04/18  
ADDED LATERAL: 05/22/18  
REVISED LATERAL: 07/26/18

REV: 1 AFE NO.: - JOB NO.: 18-0125  
FIELD BOOK: SERVER VER: 1 DRAWN BY: LLF

NOTE:  
1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 27 US OK SOUTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.  
2. ELEVATIONS ARE BASED ON NAVD 88 COMPUTED USING GEOID 12B.  
3. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY.  
4. LOCATION OF ADJOINING WELLS OUTSIDE LEASE BOUNDARY ARE APPROXIMATED FROM OKLAHOMA CORPORATION COMMISSION DATA.  
5. DOWNHOLE INFORMATION PROVIDED BY THE CLIENT.  
6. THIS SURVEY COMPLIES WITH THE US PUBLIC LAND SURVEY SYSTEM AND MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, EFFECTIVE JULY 25, 2013.  
7. THIS IS NOT A BOUNDARY SURVEY.  
8. THIS PERMIT PLAT HAS BEEN PREPARED FROM A SURVEY PLAT ON FILE IN THE OFFICE OF JOHN F. WATSON & COMPANY, MIDLAND TEXAS.  
I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ON-THE-GROUND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

07/26/18

SHEET 1 OF 1