

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

API NUMBER: 051 24462

Approval Date: 09/04/2018

Expiration Date: 03/04/2019

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 9N Rge: 5W

County: GRADY

SPOT LOCATION:

NE

SW

SW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

463

603

Lease Name: VICTORY SLIDE 22-27-9-5

Well No: 2MXH

Well will be 463 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

EJ DRABEK TRUST
105 N. HUDSON, SUITE 310
OKLAHOMA CITY OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	9743	6	
2	MISSISSIPPIAN	9843	7	
3			8	
4			9	
5			10	

Spacing Orders: 289808
360671

Location Exception Orders:

Increased Density Orders: 680521
682120

Pending CD Numbers: 201805881
201805882
201806849

Special Orders:

Total Depth: 20383

Ground Elevation: 1328

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: 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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

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: 18-35088

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 27 Twp 9N Rge 5W County GRADY

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 900

Depth of Deviation: 9284

Radius of Turn: 477

Direction: 175

Total Length: 10350

Measured Total Depth: 20383

True Vertical Depth: 9843

End Point Location from Lease,
Unit, or Property Line: 0

Notes:

Category

Description

HYDRAULIC FRACTURING

8/3/2018 - 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

INCREASED DENSITY - 680521

8/10/2018 - G58 - 27-9N-5W
XOTHERS
X360671 MSSP
2 WELLS OTHER
2 WELLS MSSP
ROAN RESOURCES LLC
6/23/2018

INCREASED DENSITY - 682120

8/10/2018 - G58 - 22-9N-5W
XOTHER
X289808 MSSLM
2 WELLS OTHER
2 WELLS MSSLM
ROAN RESOURCES LLC
8/27/2018

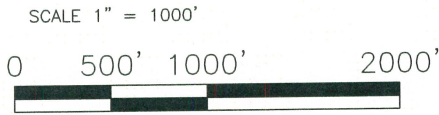
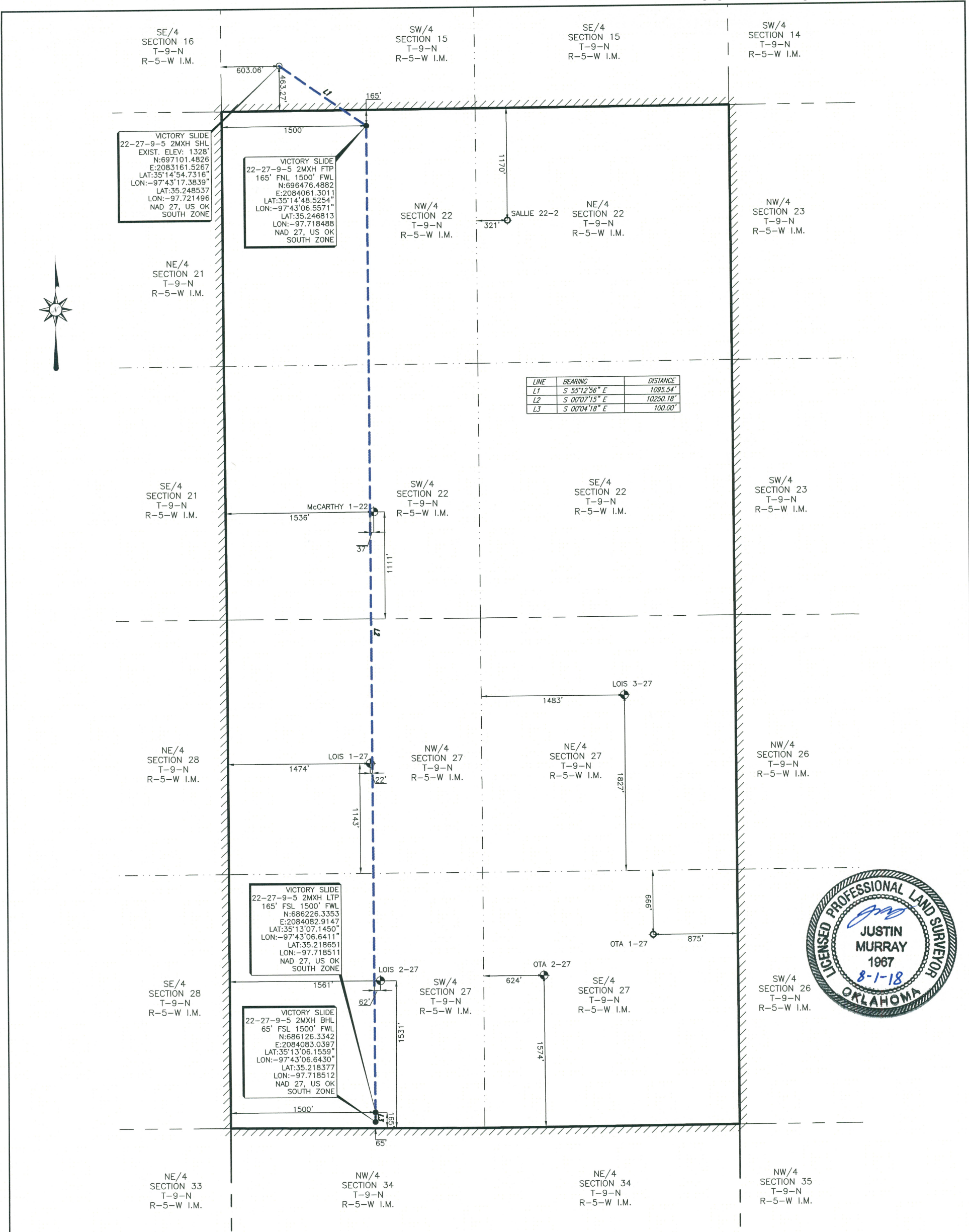
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

051 24462 VICTORY SLIDE 22-27-9-5 2MXH

Category	Description
MEMO	8/3/2018 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201805881	8/10/2018 - G58 - (E.O.) 22 & 27-9N-5W EST MULTIUNIT HORIZONTAL WELL XOTHERS X289808 MSSLM 22-9N-5W X360671 MSSP 27-9N-5W 50% 22-9N-5W 50% 27-9N-5W NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201805882	8/10/2018 - G58 - (E.O.) 22 & 27-9N-5W XOTHERS X289808 MSSLM 22-9N-5W X360671 MSSP 27-9N-5W COMPL. INT. (22-9N-5W) NCT 165' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. (27-9N-5W) NCT 0' FNL, NCT 165' FSL, NCT 660' FWL NO OP. NAMED REC 8/21/2018 (MURER)
PENDING CD - 201806849	9/4/2018 - G58 - (E.O.) 27-9N-5W X165:10-3-28(C)(2)(B) MSSP (VICTORY SLIDE 22-27-9-5 2MXH) NO CLOSER THAN 500 FEET FROM THE LOIS 1-27 WELL HEARD 8/31/2018 (M. PORTER)
PUBLIC WATER SUPPLY WELLS	8/3/2018 - G71 - BRIDGE CREEK FIELDHOUSE - 2 PWS/WPA, SW/4 22-9N-5W
SPACING - 360671	8/10/2018 - G58 - (640) 27-9N-5W VAC OTHER EXT 163211/163907 MSSP, OTHERS
SPACING -- 289808	8/10/2018 - G58 - (640) 22-9N-5W EST MSSLM



PERMIT PLAT OF
ROAN RESOURCES, LLC.
VICTORY SLIDE 22-27-9-5 2MXH
SHL: 603.06' FWL 463.27' FSL OF SECTION 15
MINCO FIELD
SECTION 22, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M. &
SECTION 27, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M.
LEASE LINES
SHL: 603.06' FWL & 463.27' FNL
GRADY COUNTY, OKLAHOMA

- NOTE:
1. COMBINED SCALE FACTOR: 0.999947069
 2. SHL IS APPROXIMATELY 5.89 MILES S 60°29'34" E OF TUTTLE OKLAHOMA.

FILE: S:\OK\GRADY\PROJECTS\T09N-R05W\DWG

- LEGEND**
- SHL SURFACE HOLE LOCATION
 - PP PENETRATION POINT
 - LTP LAST TAKE POINT
 - BHL BOTTOM HOLE LOCATION
 - OCC OKLAHOMA CORPORATION COMMISSION
 - POINT
 - EXISTING WELLHEAD
 - PROPOSED WELL LOCATION SET
 - SURFACE LOCATION OBTAINED FROM OCC
 - AS-DRILLED LATERAL
 - SUBJECT PROPOSED LATERAL
 - PROPOSED LATERAL
 - LEASE LINE
 - SURVEY LINE

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

STAKED WELLS: 07/26/18
ADDED LATERAL: 08/01/18

REV: - AFE NO.: - JOB NO.: 18-0212
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.

PROFESSIONAL LAND SURVEYOR

08/01/18

SHEET 1 OF 1