

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

API NUMBER: 051 24377

Approval Date: 06/07/2018

Expiration Date: 12/07/2018

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: 476 605

Lease Name: VICTORY SLIDE 21-28-9-5

Well No: 1XH

Well will be 476 feet from nearest unit or lease boundary.

Operator Name: ROAN RESOURCES LLC

Telephone: 4052412237

OTC/OCC Number: 24127 0

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

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

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	9920	6
2			7
3			8
4			9
5			10

Spacing Orders: 394923
654696

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803210
201803209
201803211

Special Orders:

Total Depth: 20428

Ground Elevation: 1327

Surface Casing: 260

Depth to base of Treatable Water-Bearing FM: 160

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: 18-34474

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 28 Twp 9N Rge 5W County GRADY

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 65

Feet From: EAST 1/4 Section Line: 530

Depth of Deviation: 9500

Radius of Turn: 374

Direction: 190

Total Length: 10341

Measured Total Depth: 20428

True Vertical Depth: 10000

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

Notes:

Category

Description

HYDRAULIC FRACTURING

6/5/2018 - 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

PENDING CD - 201803209

6/7/2018 - G58 - (I.O.) 21 & 28-9N-5W
EST MULTIUNIT HORIZONTAL WELL
X394923 MSSP (21-9N-5W)
X654696 MSSP (28-9N-5W)
50% 21-9N-5W
50% 28-9N-5W
NO OP. NAMED
REC 5/15/2018 (M. PORTER)

PENDING CD - 201803210

6/7/2018 - G58 - (I.O.) 21 & 28-9N-5W
X394923 MSSP (21-9N-5W)
X654696 MSSP (28-9N-5W)
COMPL. INT. (21-9N-5W) NCT 165' FNL, NCT 0' FSL, NCT 540' FEL
COMPL. INT. (28-9N-5W) NCT 0' FNL, NCT 165' FSL, NCT 540' FEL
NO OP. NAMED
REC 5/15/2018 (M. PORTER)

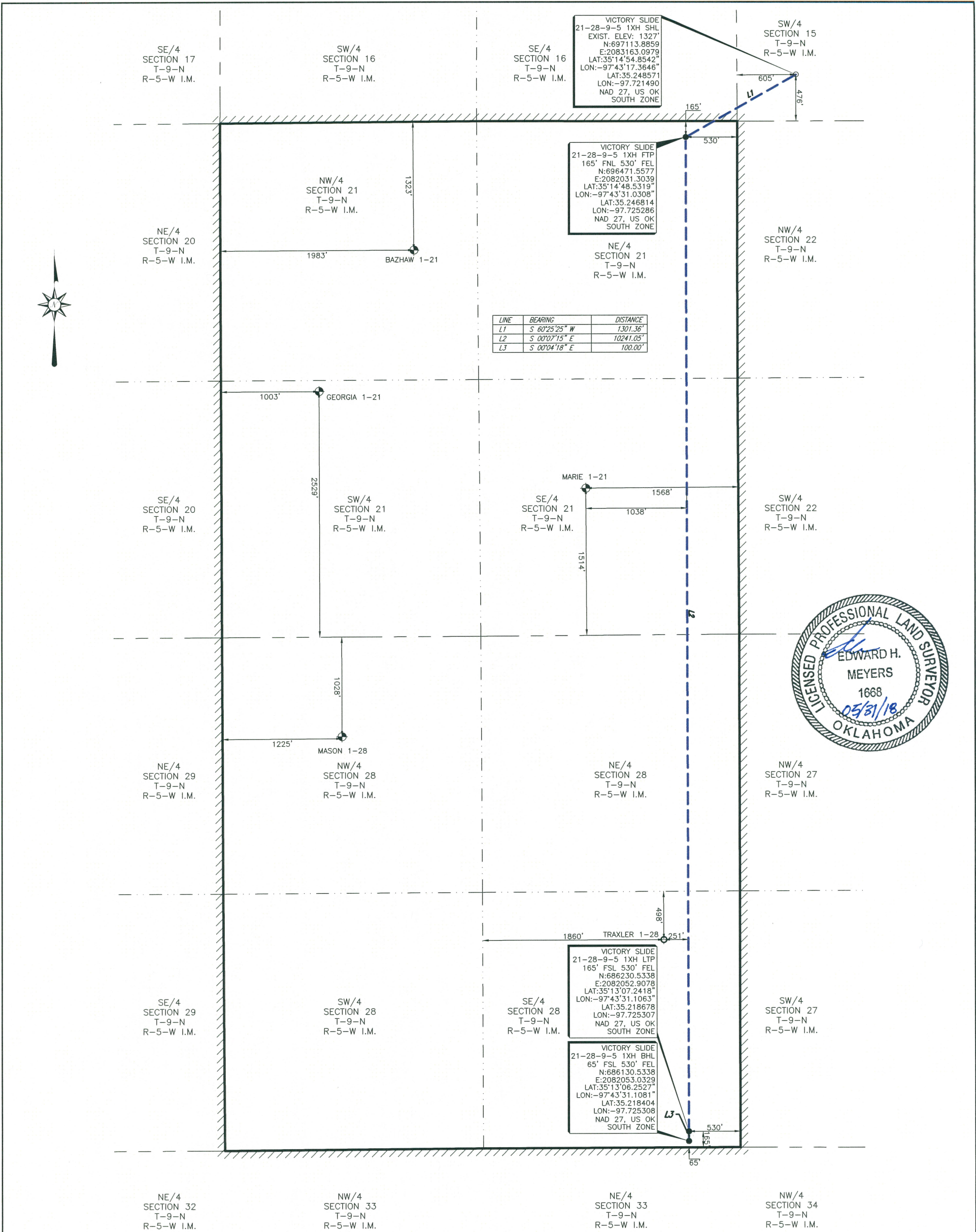
This permit does not address the right of entry or settlement of surface damages.

051 24377 VICTORY SLIDE 21-28-9-5 1XH

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

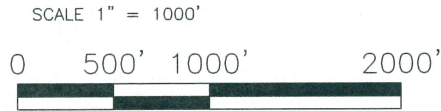
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201803211	6/7/2018 - G58 - (I.O.) 21-9N-5W X394923 MSSP 1 WELL NO OP. NAMED REC 5/15/2018 (M. PORTER)
PUBLIC WATER SUPPLY WELLS	6/5/2018 - G71 - BRIDGE CREEK HIGH SCHOOL - 2 PWS/WPA, SW/4 22-9N-5W
SPACING - 394923	6/7/2018 - G58 - (640) 21 & 28-9N-5W EXT 360671 MSSP
SPACING - 654696	6/7/2018 - G58 - (640)(HOR) 28-9N-5W EST MSSP, OTHER COMPL. INT. NCT 660' FB (COEXIST SP. ORDER 394923 MSSP)



PERMIT PLAT OF
LINN OPERATING, INC
VICTORY SLIDE 21-28-9-5 1XH
SHL: 605' FWL 476' FSL OF SECTION 15
MINCO FIELD
SECTION 21, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M. &
SECTION 28, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M.
LEASE LINES
SHL: 605' FEL & 476' FNL
GRADY COUNTY, OKLAHOMA

NOTE:
1. COMBINED SCALE FACTOR: 0.999947069
2. SHL IS APPROXIMATELY 5.89 MILES S 60°30'31" E OF TUTTLE OKLAHOMA.



FILE: S:\OK\GRADY\PROJECTS\T09N-R05W.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
EXISTING WELLHEAD
PROPOSED WELL LOCATION SET
SURFACE LOCATION OBTAINED FROM OCC

AS-DRILLED LATERAL
SUBJECT PROPOSED LATERAL
PROPOSED LATERAL
LEASE LINE
SURVEY LINE

ORIGINAL STAKE DATE: 12/12/17
RE-STAKED WELL: 01/05/18
ADDED LATERAL DATE: 02/19/18
REVISED LATERAL DATE: 05/30/18

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 NAD 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 COMPLES 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.

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

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

REV: 1 AFE NO.: - JOB NO.: 17-0242
FIELD BOOK: SERVER VER: 1 DRAWN BY: EHM/LLF

05/30/18 SHEET 1 OF 1