

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

API NUMBER: 017 25374

Approval Date: 01/23/2019

Expiration Date: 07/23/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION:

SE

SW

SE

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

325

1760

Lease Name: SKYWALKER 34-27-11-6

Well No: 2WXH

Well will be 325 feet from nearest unit or lease boundary.

Operator
Name: ROAN RESOURCES LLC

Telephone: 4058968453

OTC/OCC Number: 24127 0

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

CARPENTER FAMILY LLC
13801 SW 89TH
MUSTANG OK 73064

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

Name	Depth	Name	Depth
1 WOODFORD	9504	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 654420

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808620
201808617
201808621
201808639
201808638

Special Orders:

Total Depth: 20064

Ground Elevation: 1279

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 30000 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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 18-35607

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: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 27 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 1880

Depth of Deviation: 8890

Radius of Turn: 601

Direction: 1

Total Length: 10230

Measured Total Depth: 20064

True Vertical Depth: 9504

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

Notes:

Category

Description

DEEP SURFACE CASING

11/5/2018 - GA8 - 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

11/5/2018 - GA8 - 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

MEMO

11/5/2018 - GA8 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - DRY CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201808617

1/23/2019 - GB1 - (640)(HOR) 34-11N-6W
VAC 667592 WDFD
EST WDFD, OTHER
POE TO BHL NCT 165' & FSL, NCT 330' FEL & FWL
REC. 11/13/2018 (JACKSON)

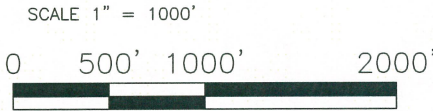
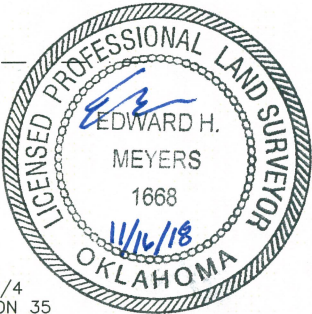
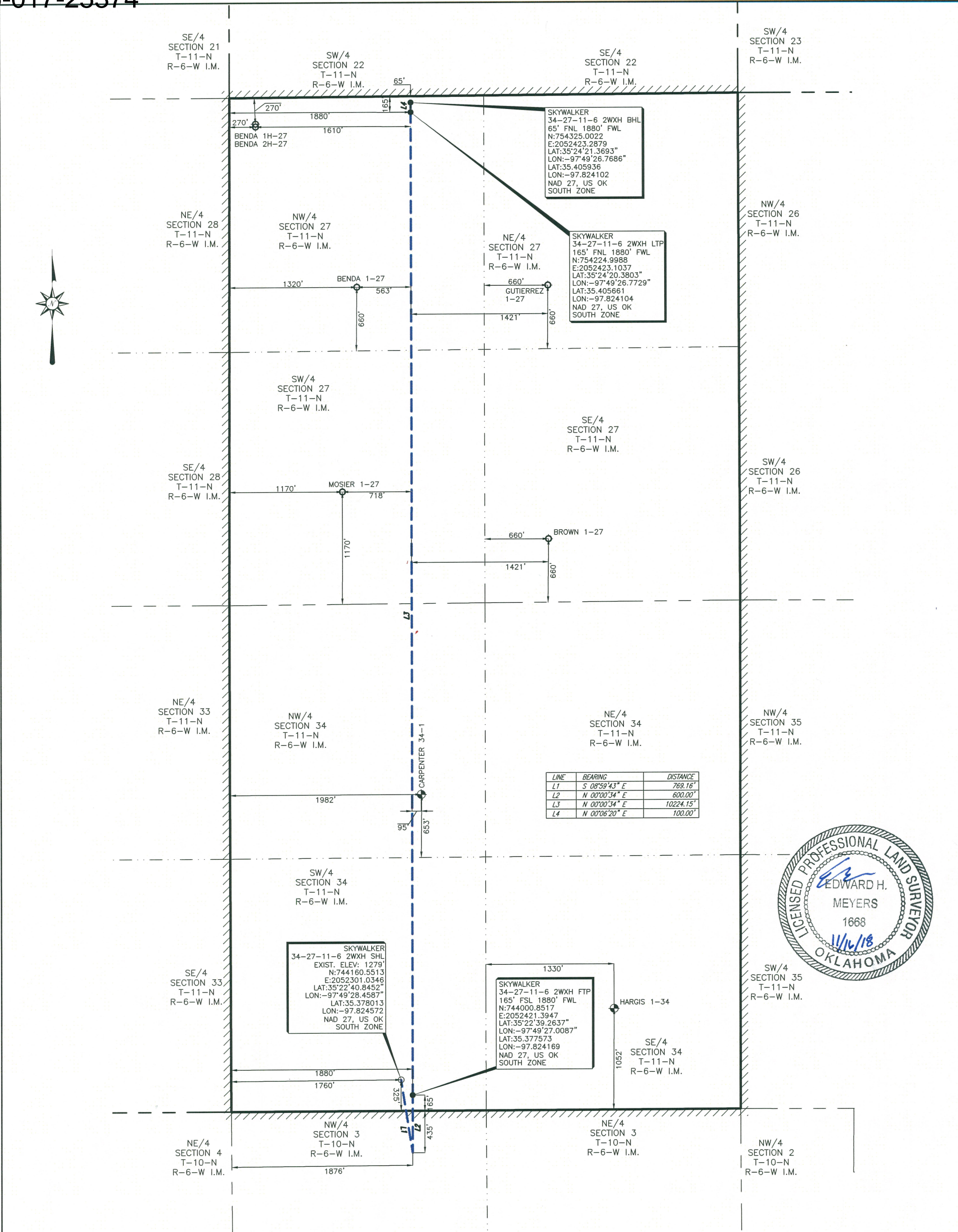
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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

017 25374 SKYWALKER 34-27-11-6 2WXH

Category	Description
PENDING CD - 201808620	1/23/2019 - GB1 - (I.O.) 27 & 34-11N-6W EST MULTIUNIT HORIZONTAL WELL X654420 WDFD 27-11N-6W X201808617 WDFD 34-11N-6W 50% 27-11N-6W 50% 34-11N-6W ROAN RESOURCES, LLC REC. 11/27/2018 (DENTON)
PENDING CD - 201808621	1/23/2019 - GB1 - (I.O.) 27 & 34-11N-6W X654420 WDFD X201808617 WDFD X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' FROM EXISTING WELLBORE (CARPENTER 34-1) COMPL. INT. (34-11N-6W) NCT 230' FSL***, NCT 0' FNL, NCT 1760' FWL COMPL. INT. (27-11N-6W) NCT 0' FSL, NCT 1760' FWL, NCT 165' FNL, NCT 1880' FWL NO OP. NAMED REC. 11/27/2018 (DENTON)
PENDING CD - 201808638	*** WILL BE CORRECTED AT FINAL HEARING TO SAY NCT 165' FSL PER ATTORNEY FOR OPR 1/23/2019 - GB1 - 27-11N-6W X654420 WDFD 5 WELLS NO OP. NAMED REC. 11/13/2018 (JACKSON)
PENDING CD - 201808639	1/23/2019 - GB1 - 34-11N-6W X201808617 WDFD 4 WELLS NO OP. NAMED REC 11/13/2018 (JACKSON)
SPACING - 654420	1/23/2019 - GB1 - (640)(HOR) 27-11N-6W EST WDFD, OTHER POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. # 274674 WDFD, OTHER NE4)



PERMIT PLAT OF
ROAN RESOURCES, LLC.
SKYWALKER 34-27-11-6 2WXH
325' FSL 1760' FWL OF SECTION 34
MINCO FIELD
SECTION 34, TOWNSHIP 11 NORTH, RANGE 6 WEST I.M. &
SECTION 27, TOWNSHIP 11 NORTH, RANGE 6 WEST I.M.
LEASE LINES
SHL: 325' FSL 1760' FWL
CANADIAN COUNTY, OKLAHOMA

NOTE:
1. COMBINED SCALE FACTOR: 0.999947069
2. SHL IS APPROXIMATELY 5.74 MILES S 80°27'42" W
OF MUSTANG OKLAHOMA.

FILE: S:\OK\GRADY\PROJECTS\T11N-R06W\DWG\

LEGEND

- POINT
- EXISTING WELLHEAD
- SURFACE HOLE LOCATION
- PENETRATION POINT
- FIRST TAKE POINT
- LTP LAST TAKE POINT
- BHL BOTTOM HOLE LOCATION
- OCC OKLAHOMA CORPORATION COMMISSION
- AS-DRILLED LATERAL
- SUBJECT PROPOSED LATERAL
- PROPOSED LATERAL
- LEASE LINE
- SURVEY LINE

John F. Watson & Company
LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS
200 N. LORAIN, Ste. 220
Midland, Texas 79701
Tel: (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: 10/01/18
ADDED LATERAL: 10/08/18
REVISED WELLHEAD LAYOUT: 10/16/18
MOVED SHL: 11/14/18

REV: 2 AFE NO.: - JOB NO.: 18-0266
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 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 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.

11/16/18

PROFESSIONAL LAND SURVEYOR

SHEET 1 OF 1