## 017 25374 Α

Oil & Gas

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

Approval Date: 01/23/2019 07/23/2020 **Expiration Date** 

API NUMBER:

Horizontal Hole

Multi Unit

Amend reason: CHANGE WELL NAME; ADD FORMATION; CHANGE BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 11N Rge: 6W County: CANADIAN FEET FROM QUARTER: SPOT LOCATION: SE sw sw SOUTH SE

WEST 1760 325

Lease Name: SKYWALKER 34-27-11-6 Well No: 2MXH Well will be 325 feet from nearest unit or lease boundary.

**ROAN RESOURCES LLC** Operator

Telephone: 4058968453

OTC/OCC Number: 24127 0

696417

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 MISSISSIPPIAN 1 9424 6 2 WOODFORD 9504 7 8 3 4 9 5 10 654420 Spacing Orders: Location Exception Orders: Increased Density Orders: 695330 694511 695813 690464

Pending CD Numbers: 201808620 Special Orders:

201808621

Total Depth: 20064 Ground Elevation: 1278 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: 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?

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

## 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: NW NE NE NW
Feet From: NORTH 1/4 Section Line: 65
Feet From: WEST 1/4 Section Line: 2180

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

INCREASED DENSITY - 690464 5/17/2019 - GB1 - 27-11N-6W

X654420 MSSP 3 WELLS

ROAN RESOURCES, LLC

1/28/2019

INCREASED DENSITY - 695330 5/17/2019 - GB1 - 34-11N-6W

X694511 WDFD

4 WELLS

**ROAN RESOURCES LLC** 

4/30/2019

Category Description

INCREASED DENSITY - 695813 5/17/2019 - GB1 - 27-11N-6W

X654420 WDFD

5 WELLS

ROAN RESOURCES, LLC

5/8/2019

INCREASED DENSITY - 696417 5/17/2019 - GB1 - 34-11N-6W

X694511 MSSP 2 WELLS NO OP. NAMED 5/21/2019

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 - 201808620 5/17/2019 - GB1 - (I.O.) 27 & 34-11N-6W

EST MULTIUNIT HORÍZONTAL WELL X654420 MSSP, WDFD 27-11N-6W X201808617 MSSP, WDFD 34-11N-6W

50% 27-11N-6W 50% 34-11N-6W

ROAN RESOURCES, LLC REC. 11/27/2018 (DENTON)

PENDING CD - 201808621 5/17/2019 - GB1 - (I.O.) 27 & 34-11N-6W

X201808617 MSSP, WDFD 34-11N-6W X654420 MSSP, WDFD 27-11N-6W

X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' FROM 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 165' FNL, NCT 1760' FWL, NCT 1880' FWL

NO OP. NAMED REC. 11/27/2018 (DENTON)

\*\*\* WILL BE CORRECTED AT FINAL HEARING TO SAY NCT 165' FSL PER ATTORNEY FOR

**OPERATOR** 

SPACING - 654420 5/17/2019 - GB1 - (640)(HOR) 27-11N-6W

EST MSSP, WDFD

POE TO BHL (MSSP) NCT 660' FB

POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. # 274674 WDFD, KDRK NE4; SP # 243683 MISS)

SPACING - 694511 5/17/2019 - GB1 - (640)(HOR) 34-11N-6W

VAC 667592 WDFD EST MSSP, WDFD

POE TO BHL (MSSP) NCT 660' FB

POE TO BHL (WDFD) NCT 165' & FSL, NCT 330' FEL & FWL

(COEXIST SP # 231308 MSSP)

ORIGINAL STAKE DATE: 10/01/18 ADDED LATERAL: 10/08/18 REVISED WELLHEAD LAYOUT: 10/16/18 MOVED SHL: 11/14/18 REVISED LATERAL: 05/17/19 1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 27 US OK SOUTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.
2. ELEVATIONIS ARE BASED ON NAVO 88 COMPUTED USING GEORD 128.
3. THIS SURVEY IS FOR AN OIL & CAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY.
4. LOCATION OF ADDITIONS OF THE SECONOMARY ARE APPROXIMATED FROM OKLAHOMA CORPORATION COMMISSION DATA.
5. THIS SURVEY COMPLIES WITH THE US PUBLIC LAND SURVEY SYSTEM AND MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYORS, EFFECTIVE JULY 29, 2013.
7. THIS IS NOT A BOUNDARY SURVEY. SOUTH SURVEY SYSTEM AND MEETS THE OKLAHOMA SIND AND REPORTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, EFFECTIVE JULY 29, 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 LATE.

1. THE INDERSPORMED TO LORDED SECTION AND A SURVEY PLAT ON FILE IN THE OFFICE OF JOHN F. WATSON & COMPANY, MIDLAND LATE.

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1, 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 MOWLEDGE AND BELIEF. CA#5957 EXPIRATION 6-30-2019 LAND & DEVELOPMENT SERVICES PROFESSIONAL LAND SURVEYORS 200 N LORAINE #220 MIDLAND, TX 79701 JOB NO.: 18-0266 REV: 3 AFE NO.: -05/17/19 SHEET 1 OF 1 (432) 520-2400 VER: 1 DRAWN BY: LLF FIELD BOOK: SERVER