

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

API NUMBER: 051 24566

Approval Date: 02/01/2019

Expiration Date: 08/01/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 9N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SE ☐ NE ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2300 1200

Lease Name: DON'S RANCH SOUTH 6-7-9-5

Well No: 2MXH

Well will be 1200 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

WILKERSON PROPERTIES LLC
2930 COUNTY STREET
TUTTLE OK 73089

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9680	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 253223
650997

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900227
201900228
201900222
201900223

Special Orders:

Total Depth: 17450

Ground Elevation: 1311

Surface Casing: 220

Depth to base of Treatable Water-Bearing FM: 170

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: 2

Liner not required for Category: 2

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: 19-36191

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 07 Twp 9N Rge 5W County GRADY

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 2400

Depth of Deviation: 8947

Radius of Turn: 573

Direction: 170

Total Length: 7603

Measured Total Depth: 17450

True Vertical Depth: 9680

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/25/2019 - 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

MEMO

1/25/2019 - G71 - PIT 1 & 2 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201900222

1/31/2019 - G75 - 6-9N-5W
X253223 MSSP
2 WELLS
NO OP. NAMED
REC 1-29-2019 (DENTON)

PENDING CD - 201900223

1/31/2019 - G75 - 7-9N-5W
X650997 MSSP
2 WELLS
NO OP. NAMED
REC 1-29-2019 (DENTON)

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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 24566 DON'S RANCH SOUTH 6-7-9-5
2MXH

Category	Description
PENDING CD - 201900227	1/31/2019 - G75 - (I.O.) 6 & 7-9N-5W EST MULTIUNIT HORIZONTAL WELL XOTHER X253223 MSSP 6-9N-5W X650997 MSSP, OTHER 7-9N-5W 33% 6-9N-5W 67% 7-9N-5W NO OP. NAMED REC 1-29-2019 (DENTON)
PENDING CD - 201900228	1/31/2019 - G75 - (I.O.) 6 & 7-9N-5W XOTHER X253223 MSSP 6-9N-5W X650997 MSSP, OTHER 7-9N-5W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. (6-9N-5W) NCT 2380' FSL, NCT 0' FSL, NCT 2400' FWL COMPL. INT. (7-9N-5W) NCT 0' FNL, NCT 150' FSL, NCT 2400' FWL NO OP. NAMED REC 1-29-2019 (DENTON)
PUBLIC WATER SUPPLY WELLS	1/25/2019 - G71 - SCOTT'S MINI STOP # 3, 1 PWS/WPA, NE4 6-9N-5W; TRINITY CROSSING PENTECOSTAL HOLINESS CHURCH, 1 PWS/WPA, NE4 6-9N-5W
SPACING - 253223	1/31/2019 - G75 - (640) 6-9N-5W EXT 144013/217821/244149 MSSP, OTHERS EST OTHERS EXT OTHER
SPACING - 650997	1/31/2019 - G75 - (640)(HOR) 7-9N-5W VAC OTHER EXT OTHER EST MSSP POE TO BHL NCT 660' FB (COEXIST SP. ORDER # 257426 MISS)

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0 500' 1000' 2000'





NOTE:

1. COMBINED SCALE FACTOR: 0.999947069
2. SHL IS APPROXIMATELY 2.30 MILES S 75°56'27" E OF TUTTLE OKLAHOMA.

SECTION 6, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M. &
SECTION 7, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M.

SHL: 2987' FNL 1200' FWL
GRADY COUNTY, OKLAHOMA

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

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

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: 01/07/19
ADDED LATERAL: 01/14/19

REV: -	AFE NO.: -	JOB NO.: 19-0011
FIELD BOOK: SERVER		VER: 1 DRAWN BY: LLE

NOTE

1. BEARINGS, DISTANCES & ACRES ARE GRID, MADE 27 US O.S. SHOWN ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.
 2. ELEVATIONS ARE BASED ON NAVD 83 COMPUTED USING GGD 12B.
 3. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY.
 4. THE SURVEYING ADJUDICATING PANEL OUTSIDE OF OKLAHOMA 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 PREPARATION OF LAND SURVEYS AS REQUIRED 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. 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 MEASUREMENTS OF ONLY ONE-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

01/14/19

SHEET 1 OF 1