

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

API NUMBER: 051 24639

Approval Date: 05/17/2019

Expiration Date: 11/17/2020

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: 2260 1200

Lease Name: DON'S RANCH 6-31-9-5

Well No: 3MXH

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	WOODFORD	10043	7	
3			8	
4			9	
5			10	

Spacing Orders: 253223
250481
648596
653565

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902448
201902449
201902446
201902447

Special Orders:

Total Depth: 17690

Ground Elevation: 1311

Surface Casing: 420

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: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

B. Solidification of pit contents.

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

H. SEE MEMO

PERMIT NO: 19-36616

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? Y

Wellhead Protection Area? Y

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 31 Twp 10N Rge 5W County GRADY

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 65

Feet From: WEST 1/4 Section Line: 2050

Depth of Deviation: 9120

Radius of Turn: 573

Direction: 5

Total Length: 7670

Measured Total Depth: 17690

True Vertical Depth: 10043

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/10/2019 - 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

5/16/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201902446

5/17/2019 - G75 - 6-9N-5W
X253223 MSSP
1 WELL
NO OP. NAMED
HEARING 5-28-2019

PENDING CD - 201902447

5/17/2019 - G75 - 31-10N-5W
X250481 MSSP
1 WELL
NO OP. NAMED
HEARING 5-28-2019

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

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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.

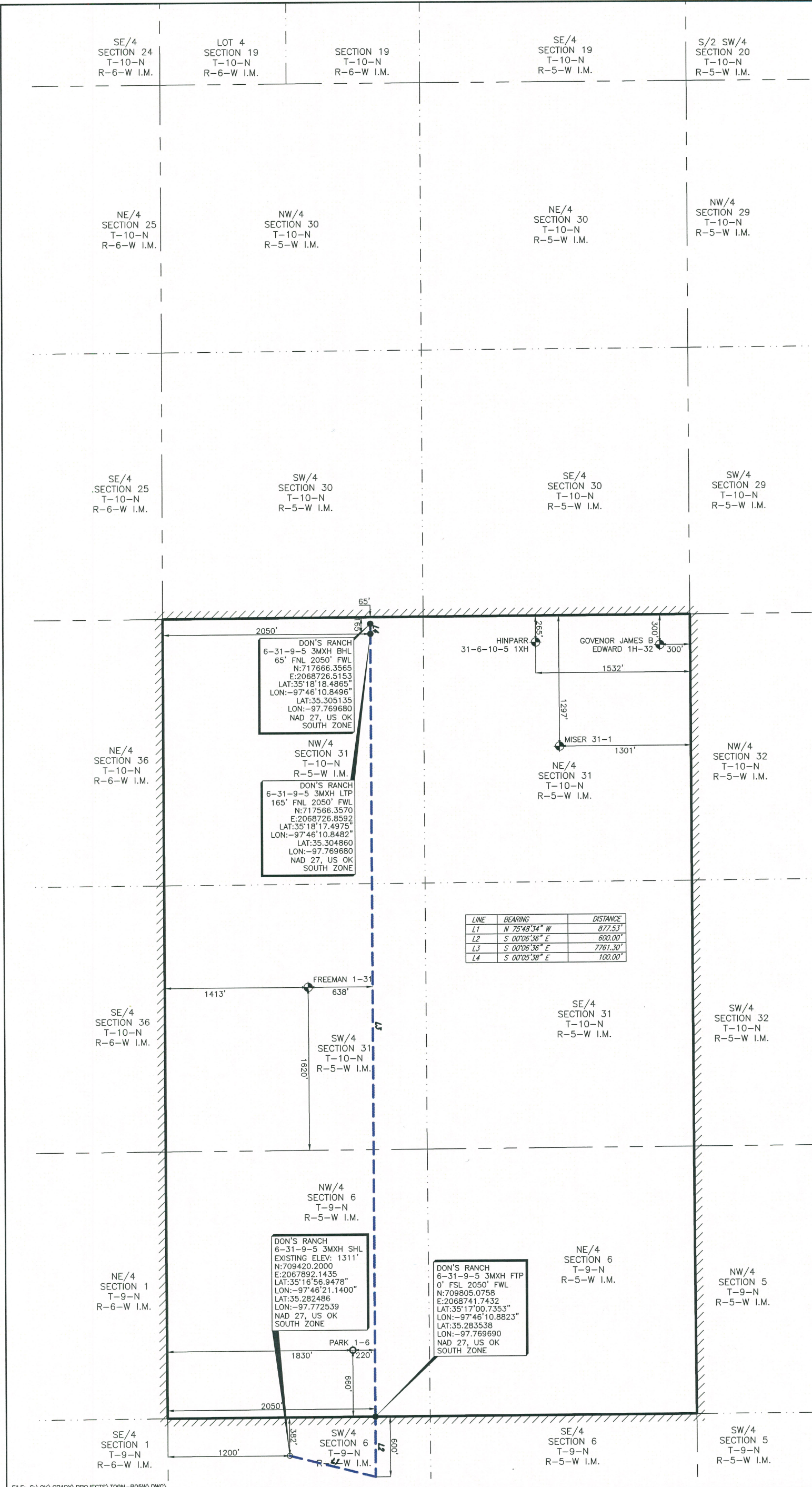
051 24639 DON'S RANCH 6-31-9-5 3MXH

Category	Description
PENDING CD - 201902448	5/17/2019 - G75 - (I.O.) 6-9N-5W & 31-10N-5W EST MULTIUNIT HORIZONTAL WELL X253223 MSSP 6-9N-5W X653565 WDFD 6-9N-5W X250481 MSSP 31-10N-5W X648596 WDFD 31-10N-5W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 33% 6-9N-5W 67% 31-10N-5W NO OP. NAMED REC 5-13-2019 (THOMAS)
PENDING CD - 201902449	5/17/2019 - G75 - (I.O.) 6-9N-5W & 31-10N-5W X253223 MSSP 6-9N-5W X653565 WDFD 6-9N-5W X250481 MSSP 31-10N-5W X648596 WDFD 31-10N-5W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELL COMPL. INT. (6-9N-5W) NCT 2000' FSL, NCT 0' FNL, NCT 2000' FWL COMPL. INT. (31-10N-5W) NCT 0' FSL, NCT 150' FNL, NCT 2000' FWL NO OP. NAMED REC 5-13-2019 (THOMAS)
PUBLIC WATER SUPPLY WELLS	5/16/2019 - 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 - 250481	5/16/2019 - G75 - (640) 31-10N-5W EST MSSP, OTHERS
SPACING - 253223	5/16/2019 - G75 - (640) 6-9N-5W EXT 144013/217821/244149 MSSP, OTHERS EST OTHERS EXT OTHER
SPACING - 648596	5/16/2019 - G75 - (640)(HOR) 31-10N-5W EXT 641851 WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 653565	5/16/2019 - G75 - (640)(HOR) 6-9N-5W EXT 648596 WDFD POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL

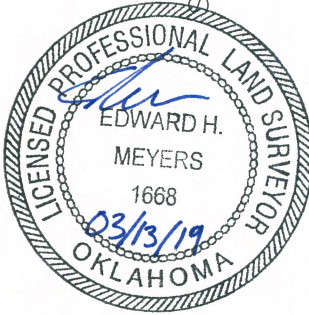
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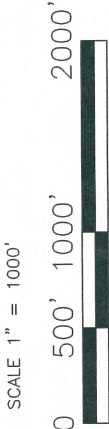
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PERMIT PLAT OF
ROAN RESOURCES, LLC.
**DON'S RANCH 6-31-9-5 3MXH
2260' FSL 1200' FWL OF SECTION 6**
MINCO FIELD
N/2 SECTION 6, TOWNSHIP 9 NORTH, RANGE 5 WEST I.M. &
SECTIONS 31 & 30, TOWNSHIP 10 NORTH, RANGE 5 WEST I.M.
LEASE LINES
SHL: 382' FSL 1200' FWL
GRADY COUNTY, OKLAHOMA



NOTE:
1. COMBINED SCALE FACTOR: 0.999953993
2. SHL IS APPROXIMATELY 2.30 MILES S 75°45'29\"/>



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	POINT
EXISTING WELLHEAD	EXISTING WELLHEAD
PROPOSED WELL LOCATION SET	PROPOSED WELL LOCATION SET
SURFACE LOCATION OBTAINED FROM OCC	SURFACE LOCATION OBTAINED FROM OCC

John F. Watson & Company
LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS
200 N. Loraine, 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: 03/12/19
ADDED LATERAL: 03/13/19

REV: -	AFE NO.: -	JOB NO.: 19-0043
FIELD BOOK: SERVER	VER: 1	DRAWN BY: EM

NOTE:

- BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 27 US OK SOUTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.
- ELEVATIONS ARE BASED ON NAVD 88 COMPUTED USING GEOID 12B.
- THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY.
- LOCATION OF ADJOINING WELLS OUTSIDE LEASE BOUNDARY ARE APPROXIMATED FROM OKLAHOMA CORPORATION COMMISSION DATA.
- DOWNHOLE INFORMATION PROVIDED BY THE CLIENT.
- 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.
- THIS IS NOT A BOUNDARY SURVEY.
- THIS PERMIT PLAT HAS BEEN PREPARED FROM A SURVEY PLAT ON FILE IN THE OFFICE OF JOHN F. WATSON & COMPANY, MIDLAND TEXAS.
- 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

03/13/19