

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

API NUMBER: 063 24668 A

Approval Date: 04/11/2019

Expiration Date: 10/11/2020

Horizontal Hole

Oil & Gas

PERMIT TO DEEPEN

WELL LOCATION: Sec: 24 Twp: 6N Rge: 10E County: HUGHES

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 259 969

Lease Name: WILSON

Well No: 1-24H

Well will be 259 feet from nearest unit or lease boundary.

Operator Name: CANYON CREEK ENERGY OPERATING LLC

Telephone: 9185616737

OTC/OCC Number: 23443 0

CANYON CREEK ENERGY OPERATING LLC
2431 E 61ST ST STE 400
TULSA, OK 74136-1237

JODY R. WILSON, TRUSTEE
2617 NW 151ST STREET
EDMOND OK 73013

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

	Name	Depth	Name	Depth
1	WOODFORD	5570	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 538285

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9240

Ground Elevation: 693

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 260

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

H. SEE MEMO

F. Haul to Commercial soil farming facility: Sec. 14 Twn. 7N Rng. 9E Cnty. 63 Order No: 551649

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: WATER BASED

Chlorides Max: 8000 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

PIT 3 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 24 Twp 6N Rge 10E County HUGHES

Spot Location of End Point: C NW

Feet From: NORTH 1/4 Section Line: 1320

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 5218

Radius of Turn: 900

Direction: 2

Total Length: 2608

Measured Total Depth: 9240

True Vertical Depth: 5620

End Point Location from Lease,
Unit, or Property Line: 1320

Notes:

Category	Description
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COMPLETION INTERVAL	4/11/2019 - G56 - COMPLETION INTERVAL FOR THE WOODFORD FORMATION WILL BE NO CLOSER THAN 1320' FROM UNIT BOUNDARY PER OPERATOR
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063 24668 WILSON 1-24H

Category	Description
HYDRAULIC FRACTURING	<p>4/11/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>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</p>
MEMO	<p>4/11/2019 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 538285	<p>4/11/2019 - G56 - (640) 24-6N-10E VAC OTHERS EXT OTHERS EST WDFD, OTHERS</p>