

API NUMBER: 087 22214 A

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

Approval Date: 01/24/2019
Expiration Date: 07/24/2020

Directional Hole Oil & Gas

Amend reason: ADD VIOLA. UPDATE OCC ORDERS.

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 32 Township: 5N Range: 4W County: MCCLAIN

SPOT LOCATION: W2 NE SW NE
FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1650 1830

Lease Name: FLYBY Well No: 1-32 Well will be 510 feet from nearest unit or lease boundary.
Operator Name: RED ROCKS OIL & GAS OPERATING LLC Telephone: 4056003065 OTC/OCC Number: 22649 0

RED ROCKS OIL & GAS OPERATING LLC
1321 N ROBINSON AVE STE A
OKLAHOMA CITY, OK 73103-4821

A.T. DACUS
1107 110TH STREET
LINDSAY OK 73052

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

	Name	Code	Depth
1	VIOLA	202VIOL	10581
2	SIMPSON (ABOVE OIL CREEK)	202SPAOC	11075
3	OIL CREEK	202OLCK	11825

Spacing Orders: 30486 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
376556
434272

Pending CD Numbers: 201905668

Special Orders: No Special Orders

Total Depth: 12075 Ground Elevation: 1100 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 220

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35954
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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? 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

DIRECTIONAL HOLE 1

Section: 32 Township: 5N Range: 4W
County: MCCLAIN
Spot Location of End Point: W2 NE SW NE
Feet From: NORTH 1/4 Section Line: 1650
Feet From: EAST 1/4 Section Line: 1680
Measured Total Depth: 12075
True Vertical Depth: 12025
End Point Location from
Lease, Unit, or Property Line: 360

NOTES:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

Category	Description
DEEP SURFACE CASING	1/2/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	1/2/2019 - 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: OCCWEB.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
PENDING CD - 201905668	12/18/2019 - GB6 - W2 NE4 32-5N-4W X376556 VIOL 1 WELL NO OP NAMED REC. 03/27/2020 (HUBER)
SPACING - 30486	1/23/2019 - G75 - (80) 32-5N-4W SU NE/SW EST SPAOC
SPACING - 376556	1/23/2019 - G75 - (80) W2 NE4 32-5N-4W SU (SW4 NE4 NLT 330' FB) EXT 208878/234692 VIOL
SPACING - 434272	1/23/2019 - G75 - (80) N2 32-5N-4W SU NE/SW VAC 41443 OLCK EXT 209148 OLCK
WATERSHED STRUCTURE	1/23/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING

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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.