

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

API NUMBER: 031 21644 A

Approval Date: 02/20/2019
Expiration Date: 08/20/2020

Straight Hole Oil & Gas

Amend reason: OCC CORRECTION - CORRECT FORMATIONS;
UPDATE ORDER

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 27 Township: 3N Range: 9W County: COMANCHE

SPOT LOCATION: S2 NW SW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 1730 330

Lease Name: HILLTOP Well No: 1-27 Well will be 330 feet from nearest unit or lease boundary.
Operator Name: REDLAND RESOURCES LLC Telephone: 4057897104 OTC/OCC Number: 18774 0

REDLAND RESOURCES LLC
6001 NW 23RD ST
OKLAHOMA CITY, OK 73127-1253

ERIC AND CRYSTAL WEATHERLY
PO BOX 655
STERLING OK 73567

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

	Name	Code	Depth
1	PERMIAN	459PRMN	2500
2	HIX	406HIX	5105
3	ROWE	406ROWE	6185
4	HOXBAR	405HXBR	7040

Spacing Orders: 64677 Location Exception Orders: 692596 Increased Density Orders: No Density Orders
67514
221230
346082
68388

Pending CD Numbers: No Pending Working interest owners' notified: *** Special Orders: No Special Orders

Total Depth: 8200 Ground Elevation: 1213 Surface Casing: 370 Depth to base of Treatable Water-Bearing FM: 320

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

Approved Method for disposal of Drilling Fluids:
A. Evaporation/dewater and backfilling of reserve pit.

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? N
Wellhead Protection Area? N
Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 2
Liner not required for Category: 2
Pit Location is: NON HSA
Pit Location Formation: EL RENO

NOTES:

Category	Description
FORMATION	2/14/2019 - GB1 - REMOVED GRIFFIN AND UPPER COLINE PER PHONE CALL WITH OPERATOR; NOMENCLATURE ISSUE COLINE=GRIFFIN
FORMATION	2/19/2019 - GB1 - REMOVED BOOTH PER EMAIL WITH OPR; DUE TO NOMENCLATURE BOOTH = HIX

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.

HYDRAULIC FRACTURING	<p>1/2/2019 - 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: OCCEWEB.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>
LOCATION EXCEPTION - 692596 (201809414)	<p>5/11/2021 - GB1 - (I.O.) W2 27-3N-9W X64677 ROWE, OTHERS X67514 HIX X22130 HXBR, OTHER X346082 PRMN SHL 1730' FNL, 330' FWL W2 27-3N-9W NO OP. NAMED 3/8/2019</p>
SPACING - 221230	<p>2/14/2019 - GB1 - (320) 27-3N-9W SU NE/SW VAC OTHER EST OTHER EXT 205165 HXBR W2 27-3N-9W</p>
SPACING - 346082	<p>2/14/2019 - GB1 - (320) W2 27-3N-9W SU NE/SW EST PRMN, OTHER</p>
SPACING - 64677	<p>2/14/2019 - GB1 - (320) 27-3N-9W SU SLOT (1967) NE/SW (1971) EST ROWE, OTHERS</p>
SPACING - 67514	<p>2/14/2019 - GB1 - (320) 27-3N-9W SU SLOT (1967) NE/SW (1971) EXT 66156 HIX</p>