

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

API NUMBER: 017 25539

Approval Date: 10/03/2019

Expiration Date: 04/03/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 285 794

Lease Name: EMBREY 1305

Well No: 1-32MH

Well will be 285 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4052088667

OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC
3030 NW EXPRESSWAY STE 900
OKLAHOMA CITY, OK 73112-5447

DONALD W. & MARTHA J. EMBREY LIVING TRUST
14001 W. FRISCO DRIVE
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7860	6	
2	WOODFORD	8048	7	
3			8	
4			9	
5			10	

Spacing Orders: 692740

Location Exception Orders: 696779

Increased Density Orders:

Pending CD Numbers: 201903999

Special Orders:

Total Depth: 12890

Ground Elevation: 1323

Surface Casing: 1120

Depth to base of Treatable Water-Bearing FM: 1060

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37014
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 32 Twp 13N Rge 5W County CANADIAN

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7191

Radius of Turn: 572

Direction: 185

Total Length: 4800

Measured Total Depth: 12890

True Vertical Depth: 8048

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

10/1/2019 - 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

LOCATION EXCEPTION - 696779

10/2/2019 - GC2 - (I.O.) 32-13N-5W
X692740 MSSP, WDFD
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL/FWL
RED BLUFF RESOURCES OPERATING LLC
5-29-2019

PENDING CD - 201903999

10/2/2019 - GC2 - (I.O.) 32-13N-5W
X165:10-3-28(C)(2)(B) MSSP (EMBREY 1305 1-32MH)
MAY BE CLOSER THAN 600' TO ANNA MOUSER EST #1, ANNA MOUSER EST #B-1
NO OP. NAMED
REC. 9-30-2019 (DENTON)

PUBLIC WATER SUPPLY WELLS

10/1/2019 - G71 - BLUE QUAIL ESTATES - 3 PWS/WPA, NE/4 31-13N-5W

SPACING - 692740

10/2/2019 - GC2 - (640)(HOR) 32-13N-5W
EXT 665593 MSSP
EXT 679335 WDFD, OTHER
VAC 96519 MISS E2
VAC OTHER
COMPL. INT. (MSSP) NCT 660' FB
COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL
(COEXIST SP. ORDER 96519 MISS W2)

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017 25539 EMBREY 1305 1-32MH

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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.

DATE STAKED: 9/23/2019