

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

API NUMBER: 017 25502

Approval Date: 08/12/2019

Expiration Date: 02/12/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 275 1462

Lease Name: BOLDING 1305

Well No: 1-20MH

Well will be 275 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

GERRI LYN BOLDING
P.O. BOX 851348
YUKON OK 73085

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7750	6	
2	WOODFORD	8050	7	
3			8	
4			9	
5			10	

Spacing Orders: 687023

Location Exception Orders: 690392

Increased Density Orders:

Pending CD Numbers: 201903998

Special Orders:

Total Depth: 12861

Ground Elevation: 1269

Surface Casing: 1010

Depth to base of Treatable Water-Bearing FM: 960

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? 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36867
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 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.

HORIZONTAL HOLE 1

Sec 20 Twp 13N Rge 5W County CANADIAN

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7171

Radius of Turn: 573

Direction: 350

Total Length: 4790

Measured Total Depth: 12861

True Vertical Depth: 8050

End Point Location from Lease,

Unit, or Property Line: 165

Additional Surface Owner	Address	City, State, Zip
KENDALL LEE BOLDING	P.O. BOX 850935	YUKON, OK 73085

Notes:

Category

Description

HYDRAULIC FRACTURING

8/5/2019 - 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 - 690392

8/12/2019 - G56 - (I.O.) 20-13N-5W
X687023 MSSP, WDFD, OTHER
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL OR FWL
NO OP NAMED
1/25/2019

PENDING CD - 201903998

8/12/2019 - G56 - (E.O.) 20-13N-5W
X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO SHIPS 1-20 WELL
RED BLUFF RESOURCES OPERATING LLC
REC 8/9/2019 (NORRIS)

SPACING - 687023

8/12/2019 - G56 - (640)(HOR) 20-13N-5W
VAC 210598 WDFD, MISS, OTHER W2, NE4 (WDFD); E2 NW, SW4 (MSSP)
VAC 176182 WDFD SE4
VAC 176182/210598 MISS SE4
EST MSSP, WDFD, OTHER
(COEXIST WITH SP # 188480 MISS NE4, SP # 210598 MISS W2 NW4)

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

017 25502 BOLDING 1305 1-20MH

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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.

EXHIBIT: A
SHEET: 11x17



**RED BLUFF
RESOURCES**

Section 20 Township 13N Range 5W T.M.

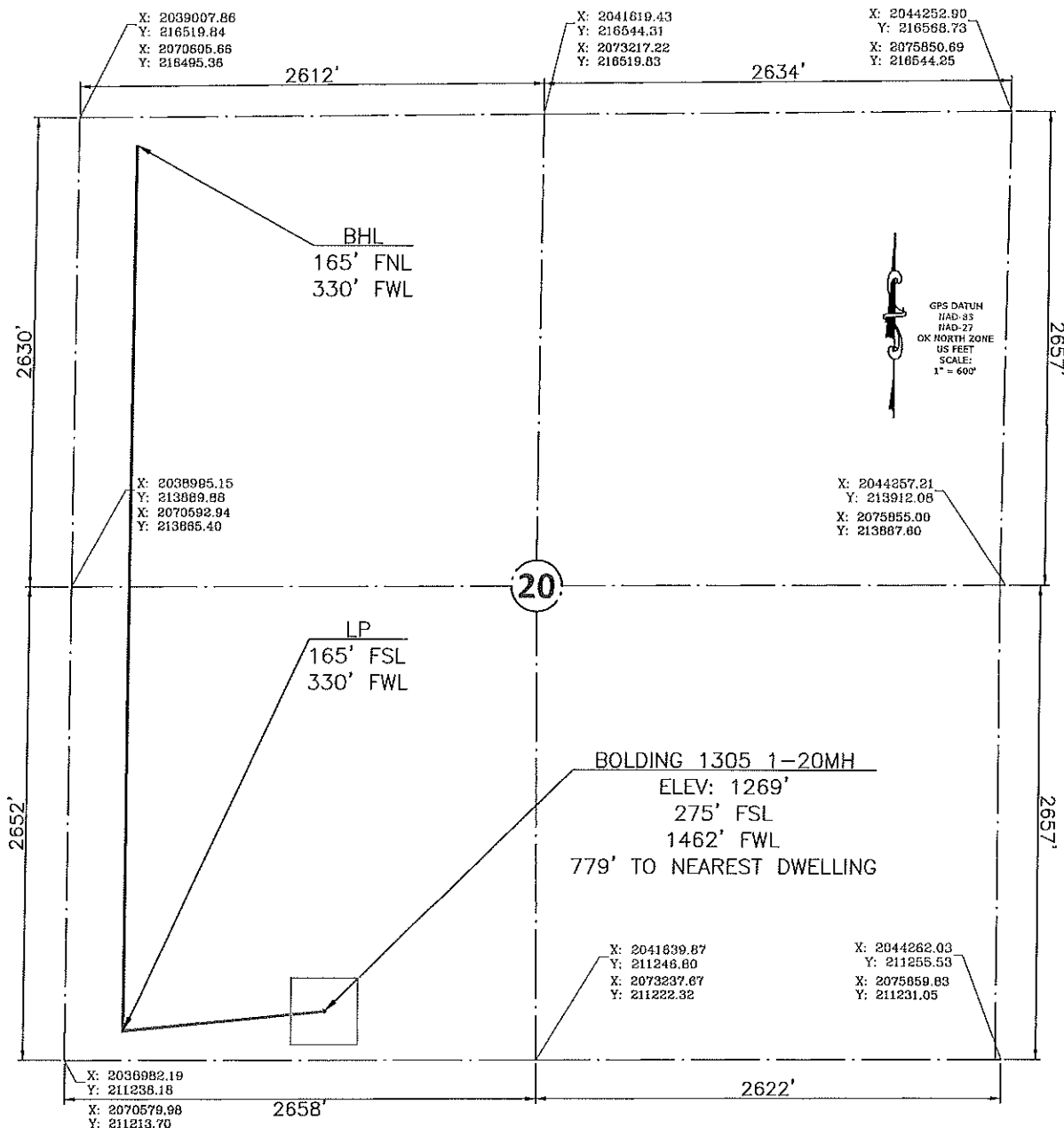
County CANADIAN State Oklahoma

Operator Red Bluff Resources

WELL LOCATION PLAT

WELL NAME:

BOLDING 1305 1-20MH



Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Pan-Op promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.

PAN-OP
SURVEY & CONSULTING

Prepared By:
Pan-Op Survey & Consulting, LLC
11500 N. MacArthur Blvd.
Suite C2
Oklahoma City, OK 73152
CJL 8165

JAMES DAVIS LAND

Acquisitions By:
James Davis Land, LLC
11500 N. MacArthur Blvd.
Suite C2
Oklahoma City, OK 73152

DATE STAKED: 7/26/2019



CERTIFICATE:

I, Cory D. Culpepper an Oklahoma Licensed Land Surveyor and an authorized agent of Pan-Op, LLC, do hereby certify to the information shown herein.

Cory D. Culpepper 7/31/2019
Oklahoma RPLS
No. 1980