

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

API NUMBER: 093 25241

Approval Date: 12/13/2019

Expiration Date: 06/13/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 21N Rge: 13W County: MAJOR
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 700 975

Lease Name: WILMOTT HERITAGE 2113 Well No: 7-31MH Well will be 700 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

WILMOTT HERITAGE, LLC ATTN: CHARLYN K. PARKER
1001 SOUTH FOURTEENTH AVE
FAIRVIEW OK 73737

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	8200	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 684003

Location Exception Orders: 690275

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 13615 Ground Elevation: 1548 Surface Casing: 680 Depth to base of Treatable Water-Bearing FM: 630

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: 10000 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: DOG CREEK

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37153
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 31 Twp 21N Rge 13W County MAJOR

Spot Location of End Point: S2 SW SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 990

Depth of Deviation: 7500

Radius of Turn: 773

Direction: 181

Total Length: 4900

Measured Total Depth: 13615

True Vertical Depth: 8308

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

12/10/2019 - 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 - 690275

12/13/2019 - G56 - (I.O.) 31-21N-13W

X684003 MSNLC

X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELLBORE

COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL

RED BLUFF RESOURCES OPERATING LLC

1/24/2019

SPACING - 684003

12/13/2019 - G56 - (640)(HOR) 31-21N-13W

EST MSNLC

COMPL INT NCT 660' FB

(COEXIST WITH SP # 138619 MSSSD)

EXHIBIT: A
SHEET: 11x17

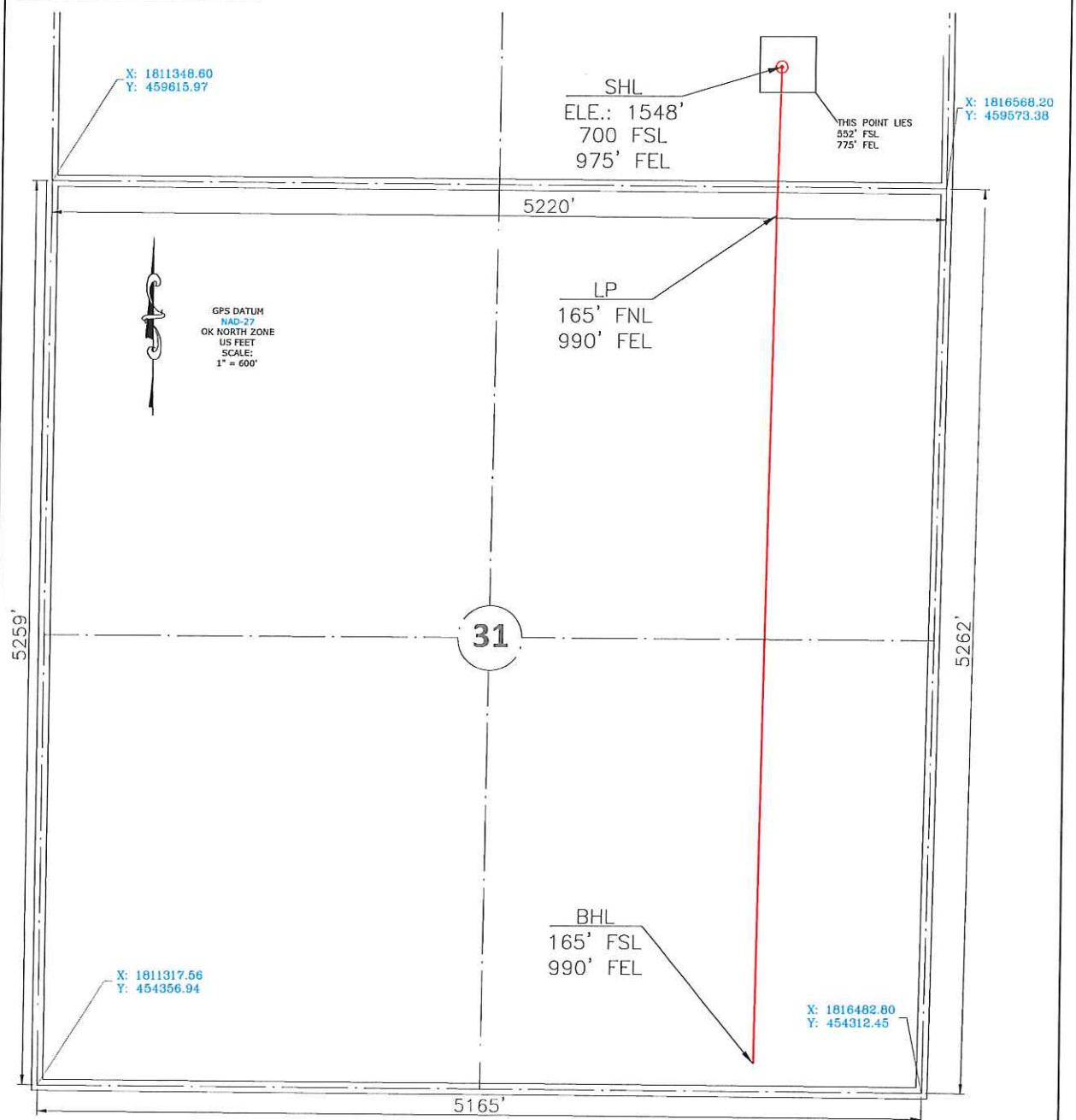


**RED BLUFF
RESOURCES**

Section 30 Township 21N Range 13W I.M.
County MAJOR State Oklahoma
Operator Red Bluff Resources

WELL LOCATION PLAT

WELL NAME:
WILMOTT HERITAGE 2113 7-31MH



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.



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
Oklahoma RPLS
No. 1980
12/09/19

PAN-OP
SURVEY & CONSULTING
Prepared By:
Pan-Op Survey & Consulting, LLC
11930 W. MacArthur Blvd.
Suite C2
Oklahoma City, OK 73142
CNY 5166

DATE STAKED: 12/03/2019