

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

API NUMBER: 093 25144

Approval Date: 06/08/2018
Expiration Date: 12/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 21N Rge: 13W County: MAJOR
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 276 1524

Lease Name: VOTH Well No: 3-30MH Well will be 276 feet from nearest unit or lease boundary.
Operator Name: RED BLUFF RESOURCES OPERATING LLC Telephone: 4056058360 OTC/OCC Number: 23828 0

RED BLUFF RESOURCES OPERATING LLC
3030 NW EXPRESSWAY STE 650
OKLAHOMA CITY, OK 73112-5447

WILMOTT HERITAGE, LLC.
C/O CHARLYN K PARKER
1001 SOUTH FOURTEENTH AVE
FAIRVIEW OK 73737

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	7787	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803618
201803620

Special Orders:

Total Depth: 13200 Ground Elevation: 1547 **Surface Casing: 660** Depth to base of Treatable Water-Bearing FM: 610

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

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 50000 Average: 6000

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: BLAINE

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34657
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 30 Twp 21N Rge 13W County MAJOR

Spot Location of End Point: N2 NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 7359

Radius of Turn: 573

Direction: 5

Total Length: 4940

Measured Total Depth: 13200

True Vertical Depth: 8200

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

6/6/2018 - 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

PENDING CD - 201803618

6/8/2018 - G57 - (640)(HOR) 30-21N-13W
EST MSSP 30-21N-13W
POE TO BHL NCT 660' FB
(COEXIST WITH SP. ORDER #82594 UNCCR, #183068 MSSSD)
REC 5-29-2018 (NORRIS)

PENDING CD - 201803620

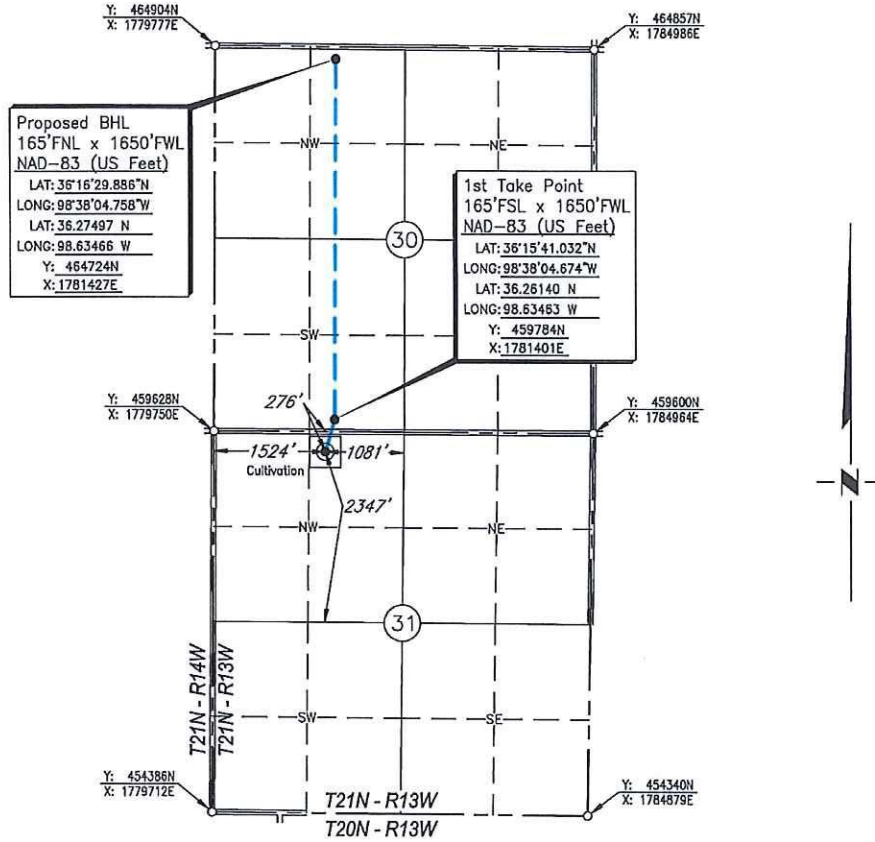
6/8/2018 - G57 - (I.O.) 30-21N-13W
X201803618 MSSP
X165:10-3-28(C)(2)(B) MSSP (VOTH 3-30MH) MAY BE CLOSER THAN 600' TO AN EXISTING WELLBORE
COMPL. INT. NCT 165' FSL, NCT 165' FNL , NCT 1320' FWL
NO OP. NAMED
REC 5-29-2018 (NORRIS)



CIMARRON
SURVEYING & MAPPING CO.
CA. No. 1780 Expires June 30, 2018

1530 SW 89th STREET, Bldg. C7
Oklahoma City, Ok
(405) 692-7348
www.cimsurvey.com

MAJOR _____ County, Oklahoma
276'FNL - 1524'FWL Section 31 Township 21N Range 13W I.M.



Scale: 1" = 2000'
GPS Observation: Latitude 36°15'36.665" N
Longitude 98°38'06.209" W
Date Staked: June 1, 2017
State Plane NAD83 Y: 459343N
Oklahoma North Zone: X:1781273E
Latitude 36.26018 N
Longitude 98.63506 W

Operator: RED BLUFF RESOURCES Elevation: 1547'
Lease Name: Voth Well No.: 3-30 MH
Topography & Vegetation: Cultivation
Alternate Location Stakes Set: No Good Drill Site? Yes
Best Accessibility to Location: From the North Line

Distance & Direction
from Hwy Jct or Town: From the town of Cedar Springs; Thence west along U.S. Hwy 60 3 miles; Thence north 3 miles to the Northwest Corner of Section 31.

SURVEYOR'S CERTIFICATE:
I, D. MIKE DOSSEY, Registered Professional Land Surveyor, No. 1431 do hereby certify that the above described well location was carefully staked on the ground as shown and that all ties and distances shown are from existing lines of occupation.

JOB NO.:	171487A	2	ADD LATERAL	04/25/18	S.R.T.
DATE:	06/26/17	1	MOVED WELL	03/16/18	N.J.S.
DRAWN BY:	N.J.S.	NO.	REVISION	DATE	BY

D. Mike Dossey
D. MIKE DOSSEY R.P.L.S. # 1431

