

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

API NUMBER: 017 25504

Approval Date: 08/15/2019

Expiration Date: 02/15/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 21 Twp: 14N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ NW ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 700 2402

Lease Name: BROMLOW 1405

Well No: 8-28MH

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

JERRY AND SHARON BROMLOW
1711 GOLF COURSE DR
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	7488	6	
2	WOODFORD	7600	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902025
201902028

Special Orders:

Total Depth: 13126

Ground Elevation: 1195

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 780

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 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: BISON

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36686
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 28 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 7077

Radius of Turn: 696

Direction: 168

Total Length: 4956

Measured Total Depth: 13126

True Vertical Depth: 7600

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

Notes:

Category

Description

HYDRAULIC FRACTURING

7/31/2019 - 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

PENDING CD - 201902025

8/15/2019 - G56 - (E.O.)(640)(HOR) 28-14N-5W
VAC 182916 MSSLM W2 NW4, NE4, E2 SE4
EST MSNLC, WDFD, OTHER
(COEXIST WITH E2 NW4, SW4, W2 SE4 SP # 182916 MSSLM)
REC 7/12/2019 (MINMIER) PER ATTORNEY FOR OPERATOR

PENDING CD - 201902028

8/15/2019 - G56 - (E.O) 28-14N-5W
X201902025 MSNLC, WDFD, OTHER
X165:10-3-28(C)(2)(B) MSNLC MAY BE CLOSER THAN 600' TO BLUGIL 28-1 WELL
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL OR FWL
RED BLUFF RESOURCES OP. LLC
REC 7/12/2019 (MINMIER) PER ATTORNEY FOR OPERATOR



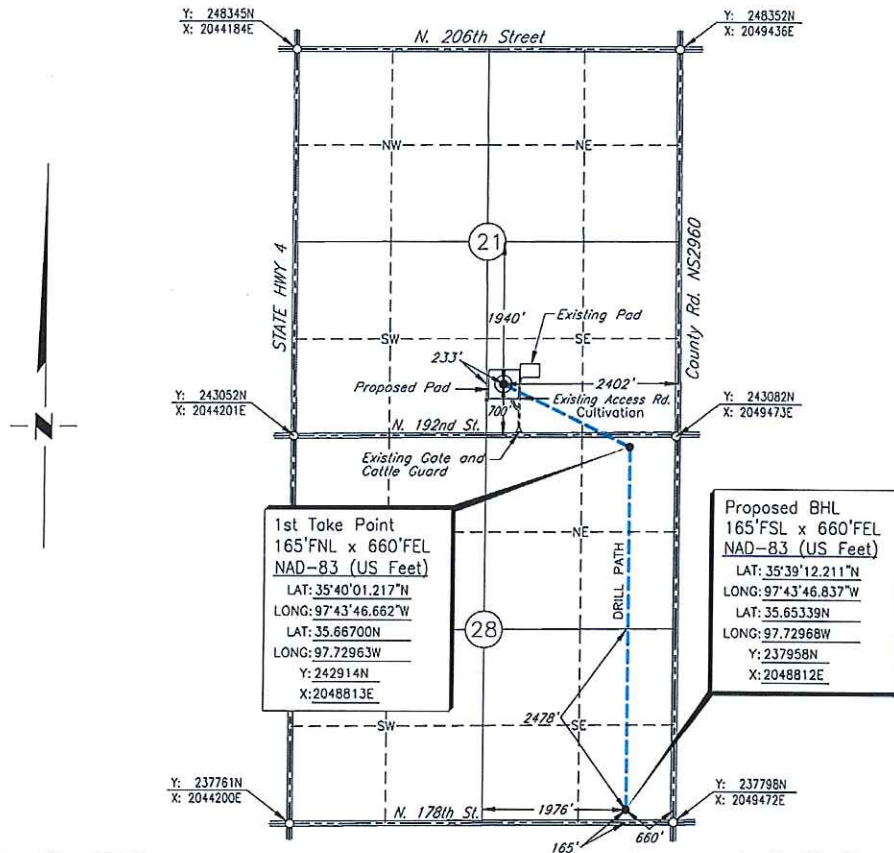
CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2020

1530 SW 89th STREET, Bldg. C3
OKLAHOMA CITY, OK
(405) 692-7348
CIMSURVEY.COM

CANADIAN

County, Oklahoma

700'FSL - 2402'FEL Section 21 Township 14N Range 5W I.M.



Scale: 1" = 2000'

GPS Observation: Latitude 35°40'09.720" N

Longitude 97°44'07.804" W

Latitude 35.66937 N

Longitude 97.73550 W

Date Staked: April 13, 2019

State Plane NAD83 Y: 243768N

Oklahoma North Zone: X:2047066E

Operator: RED BLUFF RESOURCES

Elevation: 1195'

Lease Name: Bromlow 1405

Well No.: 8-28MH

Topography & Vegetation: Cultivation

Alternate Location Stakes Set: No

Good Drill Site? Yes

Best Accessibility to Location: From the South Line

Distance & Direction

from Hwy Jct or Town: From the town of Piedmont; Thence North along St Hwy. 4

approx. 1¼ miles; Thence East 1 miles to the SW Corner of Section 21.

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.:	190207B			
DATE:	04/15/19	1	REVISED BHL & 1ST TAKE POINT	07/23/19 T.A.W.
DRAWN BY:	S.R.T.	NO.	REVISION	DATE BY

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

