

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

API NUMBER: 017 25505

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 2372

Lease Name: BROMLOW 1405

Well No: 7-21MH

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	7340	6	
2	WOODFORD	7577	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902849
201902851

Special Orders:

Total Depth: 13312

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: 19-36685
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 21 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 760

Depth of Deviation: 7089

Radius of Turn: 815

Direction: 15

Total Length: 4943

Measured Total Depth: 13312

True Vertical Depth: 7577

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 - 201902849

8/15/2019 - G56 - (640)(HOR) 21-14N-5W
VAC 71795 MISS W2 SW4, NE4, E2 SE4
VAC 182916 MSSLM W2 SW4, NE4, E2 SE4
EST MSSP, WDFD, OTHER
(COEXIST WITH NW4, E2 SW4, W2 SE4, SP # 71795 MISS; NW4, E2 SW4, W2 SE4 SP # 182916 MSSLM)
REC 6/11/2019 (M. PORTER)

PENDING CD - 201902851

8/15/2019 - G56 - (I.O.) 21-14N-5W
X201902849 MSSP, WDFD, OTHER
X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO JECH 1-21 WELL
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FEL OR FWL
NO OP NAMED
REC 7/1/2019 (MINMIER)

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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.

017 25505 BROMLOW 1405 7-21MH



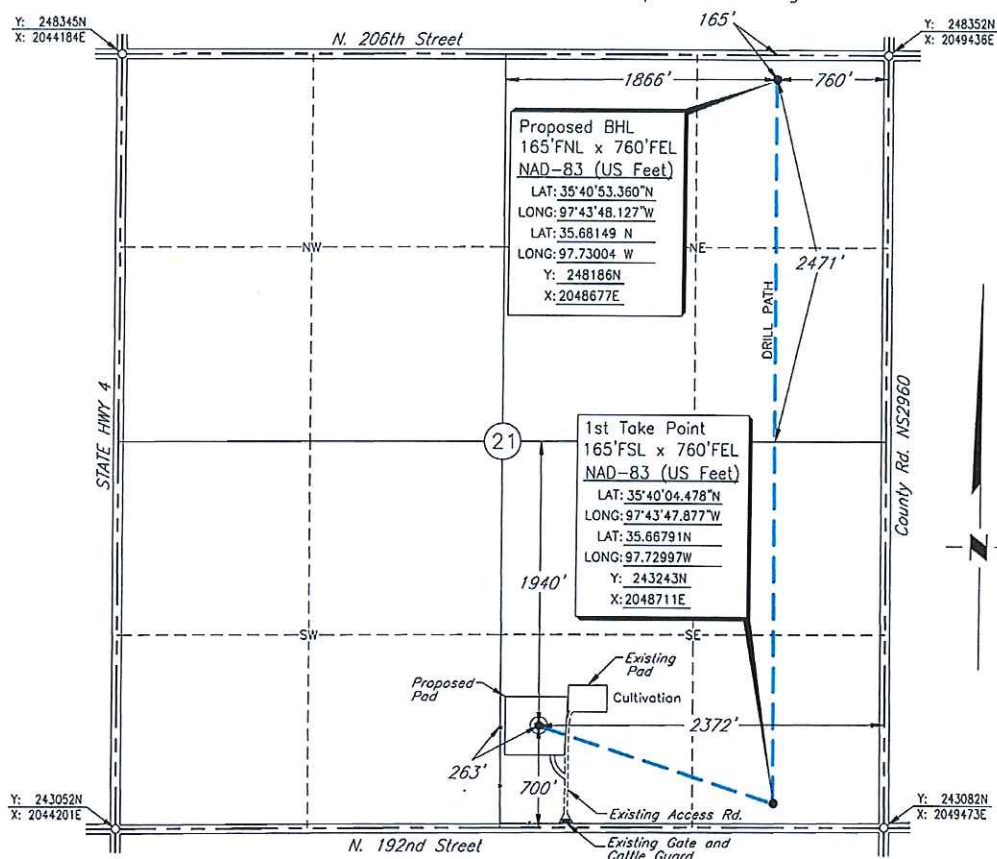
CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2020

1570 SW 89th STREET, Bldg. C3
Oklahoma City, OK
(405) 692-7348
CIMSURVEY.COM

CANADIAN

County, Oklahoma

700'FSL - 2372'FEL Section 21 Township 14N Range 5W I.M.



Scale: 1" = 1000'

Date Staked: April 13, 2019

GPS Observation: Latitude 35°40'09.721" N
Longitude 97°44'07.441" W
Latitude 35.66937 N
Longitude 97.73540 W

State Plane NAD83 Y: 243768N
Oklahoma North Zone: X: 2047096E

Operator: RED BLUFF RESOURCES

Elevation: 1195'

Lease Name: Bromlow 1405

Well No.: 7-21MH

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. 1 3/4 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.: 190207A	2	GENERAL REVISION	07/26/19	S.R.T.
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 R.P.L.S. # 1431

