

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

API NUMBER: 017 25224

Approval Date: 05/16/2018

Expiration Date: 11/16/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 14N Rge: 5W County: CANADIAN
SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 526 2548

Lease Name: CARTER Well No: 5-16MH Well will be 526 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

DON & ROBERTA CARTER
3416 BRUSH CREEK RD
OKLAHOMA CITY OK 73112

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7229	6	
2	WOODFORD	7538	7	
3	HUNTON	7599	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803355
201803356

Special Orders:

Total Depth: 12500 Ground Elevation: 1184 Surface Casing: 1010 Depth to base of Treatable Water-Bearing FM: 810

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: 18-34483
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 16 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: S2 S2 SW SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 2310

Depth of Deviation: 6648

Radius of Turn: 573

Direction: 178

Total Length: 4952

Measured Total Depth: 12500

True Vertical Depth: 7599

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

Notes:

Category

Description

HYDRAULIC FRACTURING

5/11/2018 - 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 - 201803355

5/15/2018 - G57 - (E.O.)(640)(HOR) 16-14N-5W
VAC 71795/188764 MISS
VAC 66535/188764 HNTN
EST MSSP
EXT 630106 WDFD, HNTN
POE TO BHL (MSSP, HNTN) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
RED BLUFF RESOURCES OPERATING
REC 5-11-2018 (NORRIS)

PENDING CD - 201803356

5/15/2018 - G57 - (E.O.) 16-14N-5W
X201803355 MSSP, WDFD, HNTN
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL & FWL
RED BLUFF RESOURCES OPERATING
REC 5-11-2018 (NORRIS)

API: 017 25224



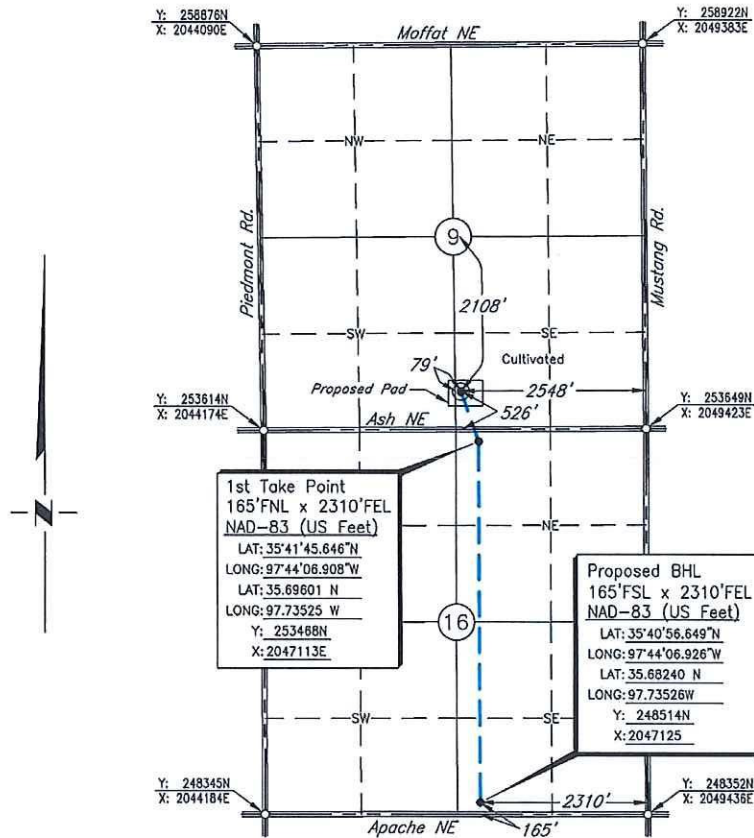
CIMARRON
SURVEYING & MAPPING CO.
C.A. No. 1780 Expires June 30, 2018

1530 SW 89th Street, Bldg. C3
Oklahoma City, OK
(405) 692-7348
cimsurvey.com

CANADIAN

County, Oklahoma

526'FSL - 2548'FEL Section 9 Township 14N Range 5W I.M.



Scale: 1" = 2000'

Date Staked: January 18, 2018

GPS Observation: Latitude 35°41'52.471" N
Longitude 97°44'09.824" W
Latitude 35.69791 N
Longitude 97.73606 W

State Plane NAD83 Y: 254158N
Oklahoma North Zone: X: 2046871E

Operator: RED BLUFF RESOURCESElevation: 1184'Lease Name: CARTERWell No.: 5-16MHTopography & Vegetation: CultivatedAlternate Location Stakes Set: NoGood Drill Site? YesBest Accessibility to Location: From the South Line

Distance & Direction

from Hwy Jct or Town: From the town of Piedmont; Thence North approx. 3¾ miles to the SW Corner of Section 9.

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.: 180207A				
DATE: 01/25/18				
DRAWN BY: S.R.T.	NO.	REVISION	DATE	BY

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

