

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

API NUMBER: 017 25460

Approval Date: 05/29/2019

Expiration Date: 11/29/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 563 221

Lease Name: BIG MUDDIE 1405

Well No: 1-32WH

Well will be 221 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

THERESA ELAINE SCHULTE
P.O. BOX 543
OKARCHE OK 73762

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7500	6	
2	WOODFORD	7794	7	
3	HUNTON	7889	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902429
201902431

Special Orders:

Total Depth: 13000

Ground Elevation: 1227

Surface Casing: 950

Depth to base of Treatable Water-Bearing FM: 730

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36435
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 32 Twp 14N Rge 5W County CANADIAN

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 7000

Radius of Turn: 667

Direction: 1

Total Length: 4952

Measured Total Depth: 13000

True Vertical Depth: 7889

End Point Location from Lease,

Unit, or Property Line: 165

Additional Surface Owner	Address	City, State, Zip
MARK STEVEN SIMPSON	P.O. BOX 487	PIEDMONT, OK 73078
ROBERT THOMAS SIMPSON	P.O. BOX 117	PIEDMONT, OK 73078
WILLIAM DONALDSON II	8300 PRESERVE OAK DR	BURLESON, TX 76028
JOHN MICHAEL SIMPSON	410 LOOSEN LANE	OKARCHE, OK 73762
DARREN R. COOK	33354 S 586 RD	JAY, OK 74346
MARY NELL BRUEGEN	29274 N 2910 RD	OKARCHE, OK 73762
TONI L. SIMPSON SCHWARZ	22 NE 3RD STREET	OKLAHOMA CITY, OK 73104
RAFTER H OPERATING LLC	219 N BICKFORD AVE	EL RENO, OK 73036
CONNER L. HELMS	1608 CAMDEN WAY	OKLAHOMA CITY, OK 73116
GARY R. UNDERWOOD	12925 BURLINGAME AVE	OKLAHOMA CITY, OK 73120

Notes:

Category

Description

HYDRAULIC FRACTURING

5/16/2019 - 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: OCCWEB.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 - 201902429

5/29/2019 - G56 - (640)(HOR) 32-14N-5W
VAC 182916 MSSLM, HNTN
EXT 692274 MSSP, WDFD, HNTN
COMPL INT (MSSP, HNTN) NLT 660' FB
COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
REC 5/14/2019 (NORRIS)

PENDING CD - 201902431

5/29/2019 - G56 - (I.O.) 32-14N-5W
X201902429 MSSP, WDFD, HNTN
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
NO OP NAMED
REC 5/14/2019 (NORRIS)

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017 25460 BIG MUDDIE 1405 1-32WH

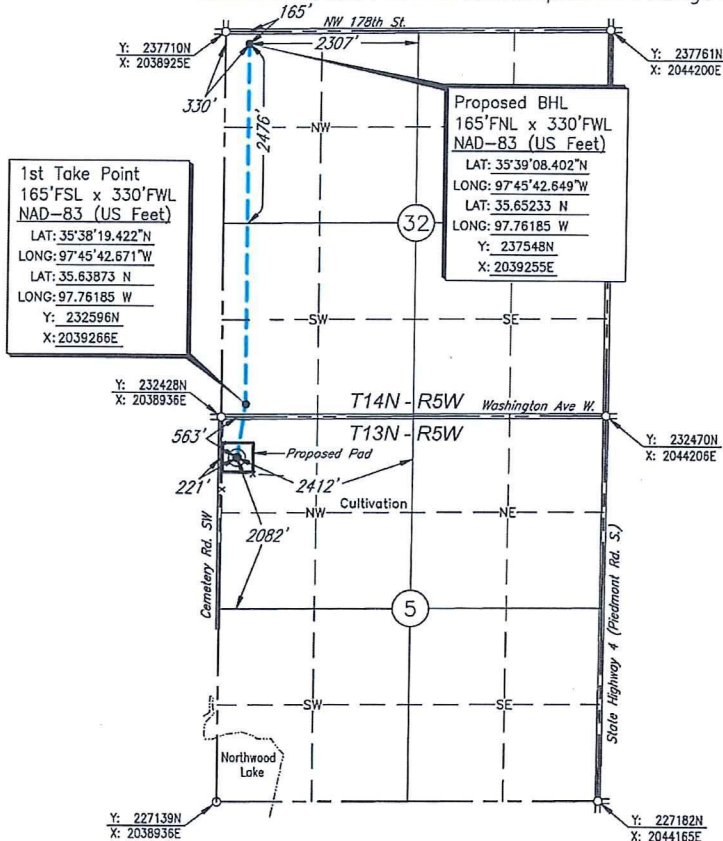


CIMARRON
SURVEYING & MAPPING CO.

CA No. 1780 Expires June 30, 2020

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

CANADIAN County, Oklahoma
563'FNL - 221'FWL Section 5 Township 13N Range 5W I.M.



Scale: 1" = 2000'

Date Staked: February 1, 2019

GPS Observation: Latitude 35°38'12.219" N
Longitude 97°45'44.008" W
Latitude 35.63673 N
Longitude 97.76222 W

State Plane NAD83 Y: 231867N
Oklahoma North Zone: X:2039157E

Operator: RED BLUFF RESOURCES OPERATING Elevation: 1227'

Lease Name: Big Muddie 1405 Well No.: 1-32MH

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 Piedmont; Thence south approx. 1/4 mile;
Thence west 1 mile to the Northwest Corner of Section 5.

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.:181490A	2	MOVED WELL	2/5/19	S.R.T.
DATE: 10/09/18	1	REVISED PAD	12/19/18	N.J.S.
DRAWN BY: RLK	NO.	REVISION	DATE	BY

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

