

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

API NUMBER: 017 25437

Approval Date: 04/09/2019

Expiration Date: 10/09/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION: ☐ NE ☐ SE ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 880 2448

Lease Name: LILLIAN 1305

Well No: 3-4MH

Well will be 880 feet from nearest unit or lease boundary.

Operator Name: RED BLUFF RESOURCES OPERATING LLC

Telephone: 4052088660

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	7497	6	
2	WOODFORD	7690	7	
3			8	
4			9	
5			10	

Spacing Orders: 691792

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810606

Special Orders:

Total Depth: 13053

Ground Elevation: 1145

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 790

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: SALT PLAINS

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36436

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 04 Twp 13N Rge 5W County CANADIAN

Spot Location of End Point: S2 SW SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 6700

Radius of Turn: 888

Direction: 185

Total Length: 4958

Measured Total Depth: 13053

True Vertical Depth: 7690

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
RAFTER H OPERATING LLC	P.O. BOX 399	EL RENO, OK 73037
ROBERT THOMAS SIMPSON	P.O. BOX 117	PIEDMONT, OK 73078
MARY NELL BRUEGGEN	920 MUSGRAVE BLVD.	OKLAHOMA CITY, OK 73114
TONI L. SIMPSON	607 ANNETTE DR	OKARCHER, OK 73762
GARY R. UNDERWOOD	4600 VAL VERDE DR	OKLAHOMA CITY, OK 73142
JOHN MICHAEL SIMPSON	410 LOOSEN LANE	OKARCHER, OK 73762
DARREN R. COOK	2217 S 19TH ST	CHICKASHA, OK 73018
CONNER L. HELMS	1608 CAMDEN WAY	OKLAHOMA CITY, OK 73116
WILLIAM DONALDSON II, TRUSTEE	#2 TREEWOOD COURT VINCENT F. SIMPSON TEST	MANSFIELD, TX 76063

Notes:

Category

Description

HYDRAULIC FRACTURING

4/8/2019 - 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 - 201810606

4/9/2019 - G56 - (I.O.) 4-13N-5W
X201810605 MSSP, WDFD, OTHER
COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL
NO OP NAMED
REC 1/15/2019 (MILLER)

SPACING - 691792


4/9/2019 - G56 - (640)(HOR) 4-13N-5W
VAC 182916 MSSLM, OTHER
EST MSSP, WDFD, OTHER
COMPL INT (MSSP) NCT 660' FB
COMPL INT (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

This permit does not address the right of entry or settlement of surface damages.

017 25437 LILLIAN 1305 3-4MH

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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.



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

1570 SW 89th STREET, Bldg. C7
Oklahoma City, OK
(405) 692-7348
www.cimsurvey.com

CANADIAN

County, Oklahoma

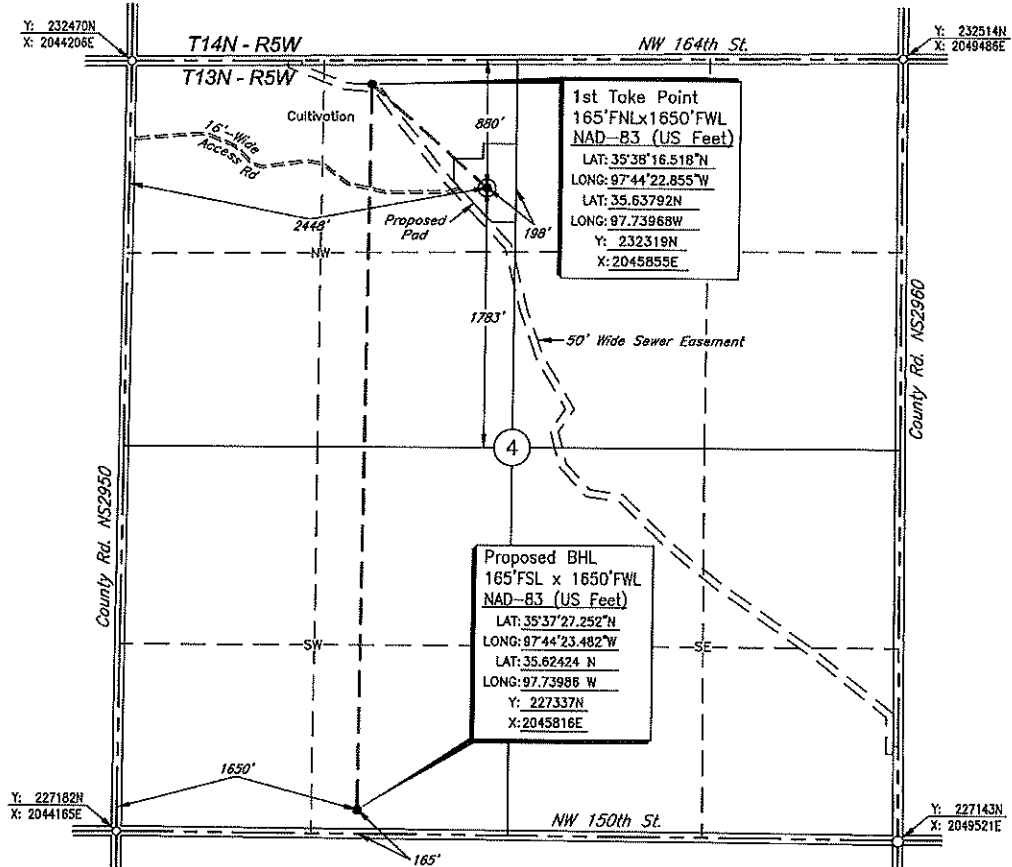
880'FNL - 2448'FWL

Section 4

Township 13N

Range 5W

I.M.



1st Take Point
165'FNLx1650'FWL
NAD-83 (US Feet)
LAT: 35°38'16.518"N
LONG: 97°44'22.855"W
LAT: 35.63792N
LONG: 97.73968W
Y: 232319N
X: 2045855E

Proposed BHL
165'FSL x 1650'FWL
NAD-83 (US Feet)
LAT: 35°37'27.252"N
LONG: 97°44'23.482"W
LAT: 35.62424 N
LONG: 97.73986 W
Y: 227337N
X: 2045816E

Scale: 1" = 1000'

GPS Observation: Latitude 35°38'09.487" N
Longitude 97°44'13.275" W
Latitude 35.63597 N
Longitude 97.73702 W

Date Staked: February 11, 2019

State Plane NAD83 Y: 231610N
Oklahoma North Zone: X: 2046647E

Operator: RED BLUFF RESOURCES

Elevation: 1145'

Lease Name: Lillian 1305

Well No.: 3-4MH

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 along St. Hwy. 4 approx.
1/8 mile to the NW Corner of Section 4.

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.: 180254B	4	GENERAL REVISION	3/27/19	S.R.T.
DATE: 10/17/18	3	MOVED WELL	3/25/19	T.A.W.
DRAWN BY: S.R.T.	NO.	REVISION	DATE	BY

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

