

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

API NUMBER: 073 26090

Approval Date: 06/08/2018
Expiration Date: 12/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 15N Rge: 5W County: KINGFISHER
SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 242 259

Lease Name: SHORT Well No: 1-23MH Well will be 242 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

DELORES FITZGERALD LOVING TRUST
14823 SHENANDOAH LANE
MEAD WA 99021

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6800	6	
2 WOODFORD	7021	7	
3		8	
4		9	
5		10	

Spacing Orders: 645664

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802895
201802894

Special Orders:

Total Depth: 11900

Ground Elevation: 1059

Surface Casing: 540

Depth to base of Treatable Water-Bearing FM: 340

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: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-34664
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 23 Twp 15N Rge 5W County KINGFISHER

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: 6332

Radius of Turn: 382

Direction: 1

Total Length: 4968

Measured Total Depth: 11900

True Vertical Depth: 7021

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

Notes:

Category

Description

GAS STORAGE UNIT

6/8/2018 - G71 - DRILLING IN OKLAHOMA NATURAL GAS STORAGE (ORDERS 46736) IN THE BARTLESVILLE; MUST NOTIFY GAS STORAGE OPERATOR PER OCC 165:10-3-5

HYDRAULIC FRACTURING

6/8/2018 - 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 - 201802894

6/8/2018 - G57 - CLARIFY SP. ORDER 645664 TO STATE THE CSTR IS ABSENT IN THE MSSP COMMON SOURCE OF SUPPLY
REC 5-29-2018 (MINMIER)

PENDING CD - 201802895

6/8/2018 - G57 - (I.O.) 23-15N-5W
X645664/201802894 MSSP
X165:10-3-28(C)(2)(B) MSSP (SHORT 1-23MH) MAY BE CLOSER THAN 600' FROM AN EXISTING WELLBORE,
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL & FWL
RED BLUFF RESOURCES OPERATING, LLC.
REC 5-29-2018 (MINMIER)

SPACING - 645664

6/8/2018 - G57 - (640)(HOR) 23-15N-5W
EST MSSP, WDFD, OTHER
POE TO BHL (MSSP) NLT 660' FB
POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
(COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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

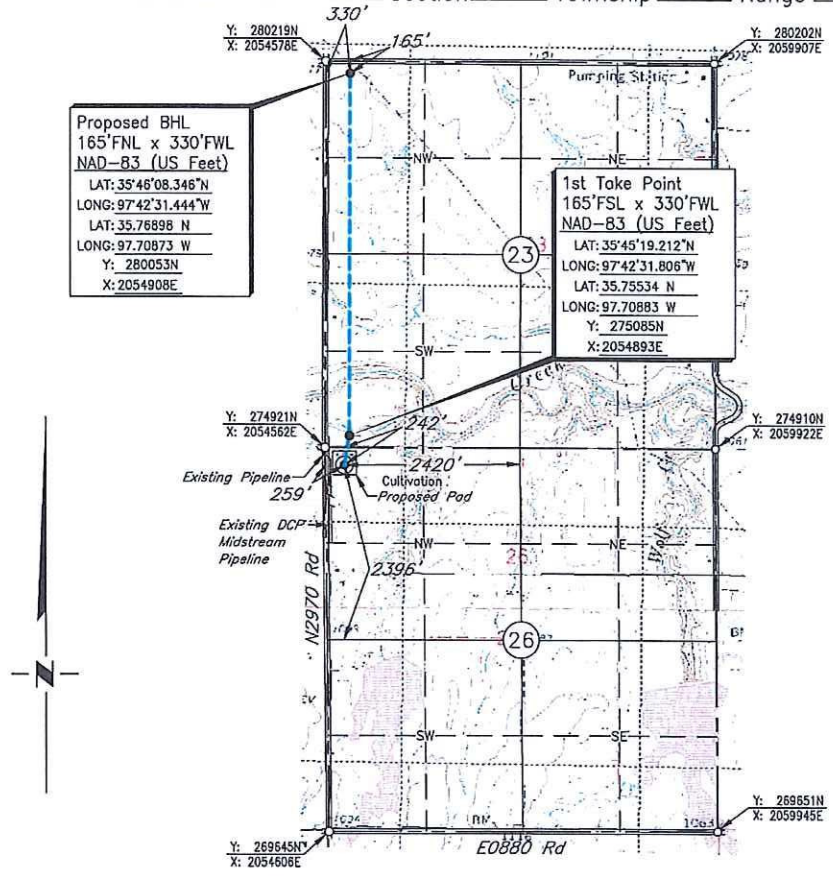


CIMARRON
SURVEYING & MAPPING CO.
CA. No. 1780 Expires June 30, 2018

1570 SW 89TH STREET, Bldg. C7
OKLAHOMA City, OK
(405) 692-7348
cimsurvey.com

KINGFISHER County, Oklahoma

242'FNL - 259'FWL Section 26 Township 15N Range 5W I.M.

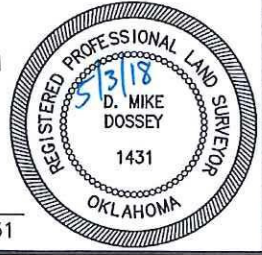


Proposed BHL
165'FNL x 330'FWL
NAD-83 (US Feet)
LAT: 35°46'08.348"N
LONG: 97°42'31.444"W
LAT: 35.76898 N
LONG: 97.70873 W
Y: 280053N
X: 2054908E

1st Take Point
165'FSL x 330'FWL
NAD-83 (US Feet)
LAT: 35°45'19.212"N
LONG: 97°42'31.806"W
LAT: 35.75534 N
LONG: 97.70883 W
Y: 275085N
X: 2054893E

Scale: 1" = 2000'
GPS Observation: Latitude 35°45'15.190" N
Longitude 97°42'32.663" W
Latitude 35.75422 N
Longitude 97.70907 W
Date Staked: March 31, 2018
State Plane NAD83 Y: 274678N
Oklahoma North Zone: X: 2054823E
Operator: RED BLUFF RESOURCES Elevation: 1059'
Lease Name: Short Well No.: 1-23MH
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 Cashion; Thence West approx. 1 3/4 miles; Thence South approx. 3 miles to the NW Corner of Section 26.

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.: 180219A_TOPO				
DATE: 04/04/18				
DRAWN BY: N.J.S.	NO.	REVISION	DATE	BY

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