

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

API NUMBER: 073 26032

Approval Date: 04/25/2018
Expiration Date: 10/25/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 15N Rge: 5W County: KINGFISHER
SPOT LOCATION: S2 SE SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 201 2310

Lease Name: KOLLER Well No: 4-32MH Well will be 201 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

AHLEFELD REVOCABLE TRUST
6535 NE 109TH
EDMOND OK 73013

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	7200	6	
2	WOODFORD	7500	7	
3	HUNTON	7560	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801456
201801458

Special Orders:

Total Depth: 12373 Ground Elevation: 1140 **Surface Casing: 750** Depth to base of Treatable Water-Bearing FM: 580

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: 18-34390
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 15N Rge 5W County KINGFISHER

Spot Location of End Point: N2 NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2310

Depth of Deviation: 6827

Radius of Turn: 382

Direction: 360

Total Length: 4946

Measured Total Depth: 12373

True Vertical Depth: 7560

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

Notes:

Category

Description

HYDRAULIC FRACTURING

4/24/2018 - 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 - 201801456

4/25/2018 - G75 - (E.O.)(640)(HOR) 32-15N-5W
 VAC 210929 MSSLM E2 NW4
 VAC 210929 HNTN NW4
 VAC 59564/61637 MSSLM NE4
 VAC 196245 MSSLM, HNTN S2 **
 EXT 666011 MSNLC, WDFD, HNTN
 POE TO BHL (MSNLC, HNTN) NLT 660' FB
 POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL
 (COEXIST SP. ORDER # 210929 MSSLM W2 NW4)
 RED BLUFF RESOURCES OP. LLC
 REC 4-24-2018 (NORRIS)

** S/B VAC 196245 MNNG, MSSLM, HNTN S2; TO BE CORRECTED AT MERIT HEARING PER ATTORNEY FOR OPERATOR

PENDING CD - 201801458

4/25/2018 - G75 - (E.O.) 32-15N-5W
 X201801456 MSNLC, WDFD, HNTN
 COMPL. INT. NCT 165' FSL, NCT 330' FEL OR FWL
 RED BLUFF RESOURCES OP. LLC
 REC 4-24-2018 (NORRIS)

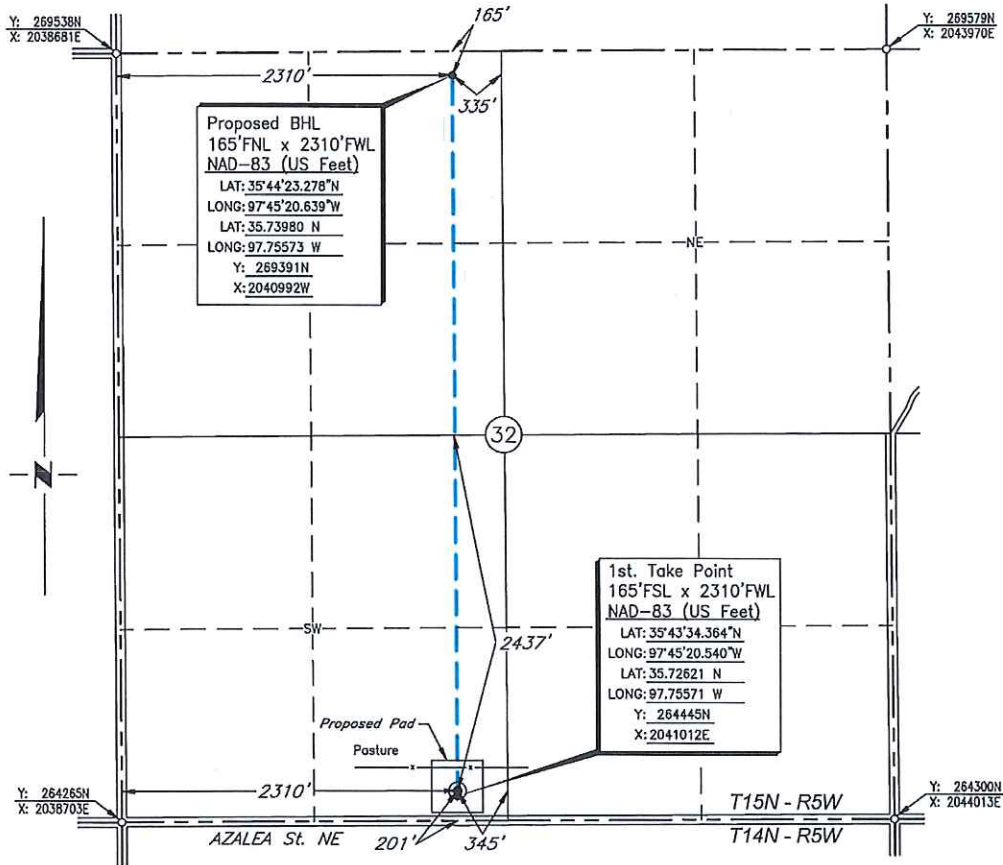


CIMARRON
SURVEYING & MAPPING CO.
CA No. 1780 Expires June 30, 2018

1570 SW 89TH STREET, Bldg. C7
OKLAHOMA CITY, OK
(405) 692-7748
CIMSURVEY.COM

KINGFISHER County, Oklahoma

201'FSL - 2310'FWL Section 32 Township 15N Range 5W 1.M.



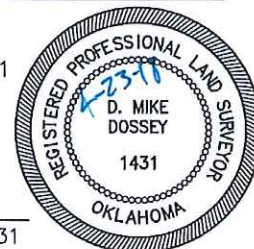
Scale: 1" = 1000'
GPS Observation: Latitude 35°43'34.720" N
Longitude 97°45'20.541" W
Latitude 35.72631 N
Longitude 97.75571 W

Date Staked: March 2, 2018
State Plane NAD83 Y: 264481N
Oklahoma North Zone: X: 2041012E

Operator: RED BLUFF RESOURCES Elevation: 1140'
Lease Name: Koller Well No.: 4-32MH
Topography & Vegetation: Pasture
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 Reeding; Thence south approx. 1/2 mile; Thence east approx. 1/2 mile; Thence south 4 miles to the SW Corner of Section 32.

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.:	180213A				
DATE:	3/29/18	1	ADDED BHL	04/13/18	N.J.S.
DRAWN BY:	S.R.T.	NO.	REVISION	DATE	BY

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