

API NUMBER: 017 25559 B

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

Approval Date: 11/06/2019  
Expiration Date: 05/06/2021

Horizontal Hole Oil & Gas

Amend reason: CHANGE SHL AND UPDATE ORDERS

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 23 Township: 13N Range: 6W County: CANADIAN

SPOT LOCATION: SE NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 630 482

Lease Name: ROBERT 1306 Well No: 2-23MH Well will be 482 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

SPECIAL NEEDS TRUST FOR THE BENEFIT OF KRYSTAL NICHOLE  
HURST COX  
8170 NW 44TH  
BETHANY OK 73008

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	8047
2	WOODFORD	319WDFD	8299

Spacing Orders: 706309

Location Exception Orders: 706953

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 13886

Ground Elevation: 1359

Surface Casing: 660

Depth to base of Treatable Water-Bearing FM: 610

Under Federal Jurisdiction: No  
Fresh Water Supply Well Drilled: No  
Surface Water used to Drill: Yes

**Approved Method for disposal of Drilling Fluids:**

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37048  
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - UNCLE JOHN CREEK)

**PIT 1 INFORMATION**

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

**HORIZONTAL HOLE 1**

Section: 23 Township: 13N Range: 6W

Total Length: 5000

County: CANADIAN

Measured Total Depth: 13886

Spot Location of End Point: S2 S2 S2 SW

True Vertical Depth: 8348

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1320

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

Additional Surface Owner(s)	Address	City, State, Zip
ROBERT P. HOLLMAN	12250 N. CIMARRON RD	YUKON, OK 73009
JOHNNY D. HOLLMAN	12250 N. CIMARRON RD	YUKON, OK 73009

**NOTES:**

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is 18 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.

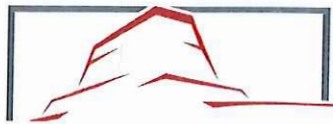
Category	Description
HYDRAULIC FRACTURING	<p>11/20/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 706953 (201905218)	<p>12/11/2019 - GB1 - (I.O.) 23-13N-6W  X706309 MSSP, WDFD  X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO MATTHEWS 2-23  COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  RED BLUFF RESOURCES OPERATING LLC  12/30/2019</p>
SPACING - 706309	<p>12/11/2019 - GB1 - (640)(HOR) 23-13N-6W  EXT 622818 MSSP, WDFD  COMPL. INT. (MSSP) NLT 660' FB  COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL  (COEXIST SP #96519 MISS)</p>

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

The duration of this permit is 18 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.

017 25559 ROBERT 1306 2-23MH

EXHIBIT: A  
SHEET: 11x17**RED BLUFF  
RESOURCES**Section 23 Township 13N Range 6W I.M.  
County CANADIAN State Oklahoma  
Operator Red Bluff Resources**WELL LOCATION PLAT**WELL NAME:  
ROBERT 1306 2-23MHX : 2054762.75  
Y : 216508.71X : 2060006.80  
Y : 216494.11THIS POINT LIES  
430' FNL  
306' FWLLP  
165' FNL &  
1320' FWL  
23-13N-6WROBERT 1306  
2-23MH  
ELE: 1359'  
630' FNL &  
482' FWL  
23-13N-6WGPS DATUM  
NAD-27  
OK NORTH ZONE  
US FEET  
SCALE:  
1" = 700'X : 2054805.50  
Y : 213886.59X : 2054775.14  
Y : 211229.99BHL  
165' FSL &  
1320' FWL  
23-13N-6WX : 2060037.13  
Y : 211228.93W. HEFNER RD  
5262'

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Pan-Op promptly if any inconsistency is determined. GPS data is observed from RTK-GPS. NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.

**PAN-OP**  
SURVEY & CONSULTINGPrepared By:  
Pan-Op Survey & Consulting, LLC  
11900 N. MacArthur Blvd.  
Suite C2  
Oklahoma City, OK 73162  
CAF 8166**JAMES DAVIS LAND**Acquisitions By:  
James Davis Land, LLC  
11900 N. MacArthur Blvd.  
Suite C2  
Oklahoma City, OK 73162

**UTILITY WARNING:**  
Underground utilities shown have been located from record documents or field locations by the operator. The surveyor makes no guarantee that underground utilities shown comprise all such utilities in the area either in service or abandoned. The surveyor further does not warrant that underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from the information available. The surveyor has not physically located underground utilities.

DATE STAKED: 9/30/2019

**CERTIFICATE:**

I, Cory D. Culpepper an Oklahoma Licensed Land Surveyor and an authorized agent of Pan-Op, LLC, do hereby certify to the information shown herein.

Oklahoma RPLS  
No. 1980



11/19/2019