

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

API NUMBER: 017 25430

Approval Date: 03/27/2019

Expiration Date: 09/27/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 13N Rge: 5W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 287 824

Lease Name: EMBREY 1305

Well No: 3-29MH

Well will be 287 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

DONALD W. & MARTHA J. EMBREY
14001 W. FRISCO DRIVE
YUKON OK 73099

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7860	6	
2	WOODFORD	8048	7	
3			8	
4			9	
5			10	

Spacing Orders: 692276

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810889

Special Orders:

Total Depth: 13060

Ground Elevation: 1323

Surface Casing: 1285

Depth to base of Treatable Water-Bearing FM: 1060

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-36388

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 29 Twp 13N Rge 5W County CANADIAN

Spot Location of End Point: N2 NW NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 7039

Radius of Turn: 650

Direction: 8

Total Length: 5000

Measured Total Depth: 13060

True Vertical Depth: 8048

End Point Location from Lease,

Unit, or Property Line: 165

Notes:

Category

Description

HYDRAULIC FRACTURING

3/19/2019 - 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 - 201810889

3/27/2019 - GB1 - (I.O.) 29-13N-5W
X692276 MSSP, WDFD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FEL OR FWL
NO OP. NAMED
REC. 1/22/2019 (DENTON)

PUBLIC WATER SUPPLY WELLS

3/19/2019 - G71 - BLUE QUAIL ESTATES - 10 PWS/WPA, NE/4 31-13N-5W

SPACING - 692276

3/27/2019 - GB1 - (640)(HOR) 29-13N-5W
VAC 132365 MISS, OTHER NE4
VAC 96519 MISS SE4
VAC 210598 MISS NW4, WDFD N2, OTHER
VAC 174454 WDFD SW4
EST MSSP, WDFD, OTHER
COMPL. INT. (MSSP) NLT 660' FB
COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL
(COEXIST SP # 210598 MISS SW4)

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017 25430 EMBREY 1305 3-29MH

EXHIBIT: A
SHEET: 11x17

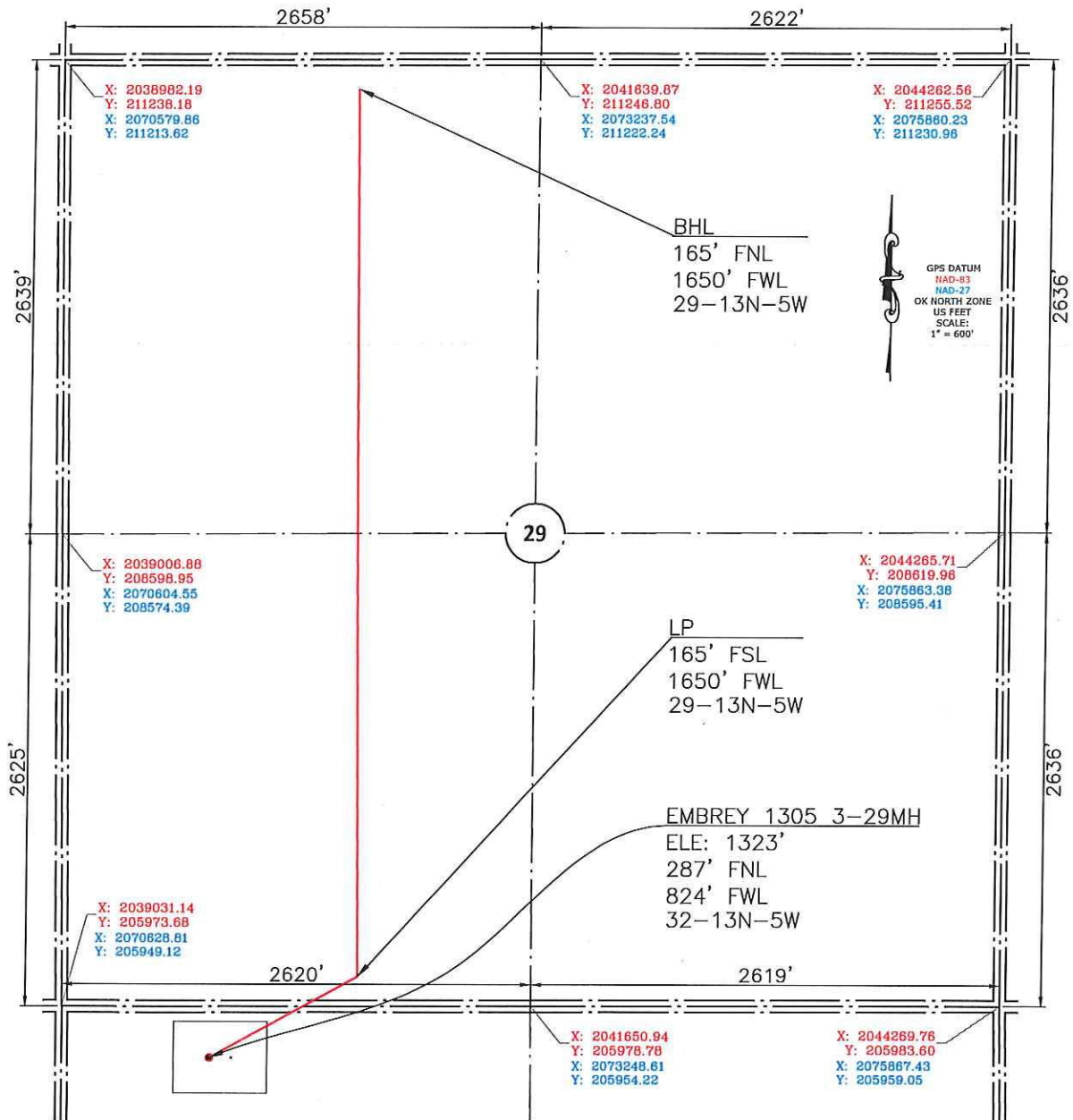


**RED BLUFF
RESOURCES**

Section 32 Township 13N Range 5W I.M.
County CANADIAN State Oklahoma
Operator Red Bluff Resources

WELL LOCATION PLAT

WELL NAME:
EMBREY 1305 3-29MH



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.



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.

Cory D. Culpepper 2/26/19
Oklahoma RPLS
No. 1980

PAN-OP
SURVEY & CONSULTING

Prepared By:
Pan-Op Survey & Consulting, LLC
11900 N MacArthur Blvd.
Suite C2
Oklahoma City, OK 73162
CA# 8165

JAMES DAVIS LAND

Acquisitions By:
James Davis Land, LLC
11900 N MacArthur Blvd.
Suite C2
Oklahoma City, OK 73162

DATE STAKED: 2/26/2019