

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

API NUMBER: 043 23692

Approval Date: 02/14/2019
Expiration Date: 08/14/2020

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 17N Rge: 14W County: DEWEY
SPOT LOCATION: ☐ SE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 258 1060

Lease Name: LANCELOT Well No: 1-31-30XH Well will be 258 feet from nearest unit or lease boundary.
Operator EXCALIBUR RESOURCES LLC Telephone: 4693172200 OTC/OCC Number: 23349 0
Name:

EXCALIBUR RESOURCES LLC
12222 MERIT DR STE 1150
DALLAS, TX 75251-2217

DONALD ROGERS & DRESELLA ROGERS
241025 S. WALNUT ST.
OAKWOOD OK 73658

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	11170	6	
2	WOODFORD	11970	7	
3			8	
4			9	
5			10	

Spacing Orders: 687580
689492

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805798
201805799

Special Orders:

Total Depth: 19000 Ground Elevation: 1747 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 530

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

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: 50000 Average: 6000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36226
H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 30 Twp 17N Rge 14W County DEWEY

Spot Location of End Point: S2 S2 SW NW

Feet From: NORTH 1/4 Section Line: 2600

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 10839

Radius of Turn: 573

Direction: 355

Total Length: 7261

Measured Total Depth: 19000

True Vertical Depth: 12200

End Point Location from Lease,
Unit, or Property Line: 660

Notes:

Category

Description

BOTTOM-HOLE LOCATION

2/13/2019 - G75 - 2600' FNL, 660' FWL NW4 30-17N-14W PER REVISED STAKING PLAT

DEEP SURFACE CASING

1/28/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

1/28/2019 - 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

INTERMEDIATE CASING

1/28/2019 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

1/28/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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

043 23692 LANCELOT 1-31-30XH

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.

Category	Description
PENDING CD - 201805798	2/14/2019 - G75 - (I.O.) 31 & 30-17N-14W EST MULTIUNIT HORIZONTAL WELL X687580 MSNLC, WDFD 31-17N-14W X689492 MSNLC, WDFD 30-17N-14W (MSNLC ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 66.67% 31-17N-14W 33.33% 30-17N-14W NO OP. NAMED REC 10-18-2018 (JACKSON)
PENDING CD - 201805799	2/14/2019 - G75 - (I.O.) 31 & 30-17N-14W X687580 MSNLC, WDFD 31-17N-14W X689492 MSNLC, WDFD 30-17N-14W SHL (30-17N-14W) NW4 ** COMPL. INT. (31-17N-14W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL ++ COMPL. INT. (30-17N-14W) NCT 2580' FNL, NCT 0' FSL, NCT 330' FWL ++ NO OP. NAMED REC 10-17-2018 (JACKSON) ** ITD HAS SHL 258' FSL, 1060' FWL SW4 31-17N-14W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR ++ ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR
SPACING - 687580	2/13/2019 - G75 - (640)(HOR) 31-17N-14W EST MSNLC, WDFD COMPL. INT. (MSNLC) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 580619 MSSLM, WDFD)
SPACING - 689492	2/13/2019 - G75 - (640)(HOR) 30-17N-14W EST MSNLC, WDFD COMPL. INT. (MSNLC) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 86801 MSSLM & ORDER # 579641 WDFD)
SURFACE LOCATION	2/13/2019 - G75 - 258' FSL, 1060' FWL SW4 31-17N-14W PER REVISED STAKING PLAT
SURFACE OWNER	2/14/2019 - G75 - PER OPERATOR
WELL NUMBER	2/13/2019 - G75 - 1-31-30XH PER OPERATOR

EXCALIBUR RESOURCES, LLC

API 043-23692

LANCELOT 1-31-30XH

COVER SHEET

Section 31 Township 17N Range 14W I.M.

Well 1: LANCELOT 1-31-30XH

County DEWEY State Oklahoma

Well 2: _____

Operator EXCALIBUR RESOURCES, LLC
12222 Merit Drive, Ste 1150
Dallas, TX 75251

Well 3: _____

Well 4: _____

GPS DATUM NAD-83
OK NORTH ZONE

POINT	NAME	NORTHING	EASTING	LATITUDE	LONGITUDE	WELL CALLS	S-T-R
SHL	LANCELOT 1-31-30XH	328,291.37	1,749,535.46	N35.8995673797	W98.7393183473	258' FSL 1060' FWL	31-17N-14W
LP	LANCELOT 1-31-30XH	328,694.88	1,749,138.55	N35.9006675403	W98.7406688446	658' FSL 660' FWL	31-17N-14W
BHL	LANCELOT 1-31-30XH	335,955.70	1,749,194.28	N35.9206145495	W98.7406676934	2600' FNL 660' FWL	30-17N-14W

GPS DATUM NAD-27
OK NORTH ZONE

POINT	NAME	NORTHING	EASTING	LATITUDE	LONGITUDE	WELL CALLS	S-T-R
SHL	LANCELOT 1-31-30XH	328,265.67	542,892.49	N35.8995227378	-98.7389481631	258' FSL 1060' FWL	31-17N-14W
LP	LANCELOT 1-31-30XH	328,669.19	1,780,742.89	N35.9006229348	W98.7402985984	658' FSL 660' FWL	31-17N-14W
BHL	LANCELOT 1-31-30XH	335,930.10	1,780,798.67	N35.9205707013	W98.7402971958	2600' FNL 660' FWL	30-17N-14W

DATE STAKED: 02/11/19



Prepared By:
Pan-Op Survey & Consulting, LLC
11900 N MacArthur Blvd.
Suite C2
Oklahoma City, OK 73162
CA# 8166

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
0	11/29/18	CDC	ISSUED FOR APPROVAL	--
1	2/08/19	MVA	LOCATION MOVE	--
2	2/11/19	MVA	LOCATION MOVE DUE TO PL	
3	2/12/19	MVA	SHOW EXISTING PIPELINES	

EXHIBIT: A
SHEET: 11x17

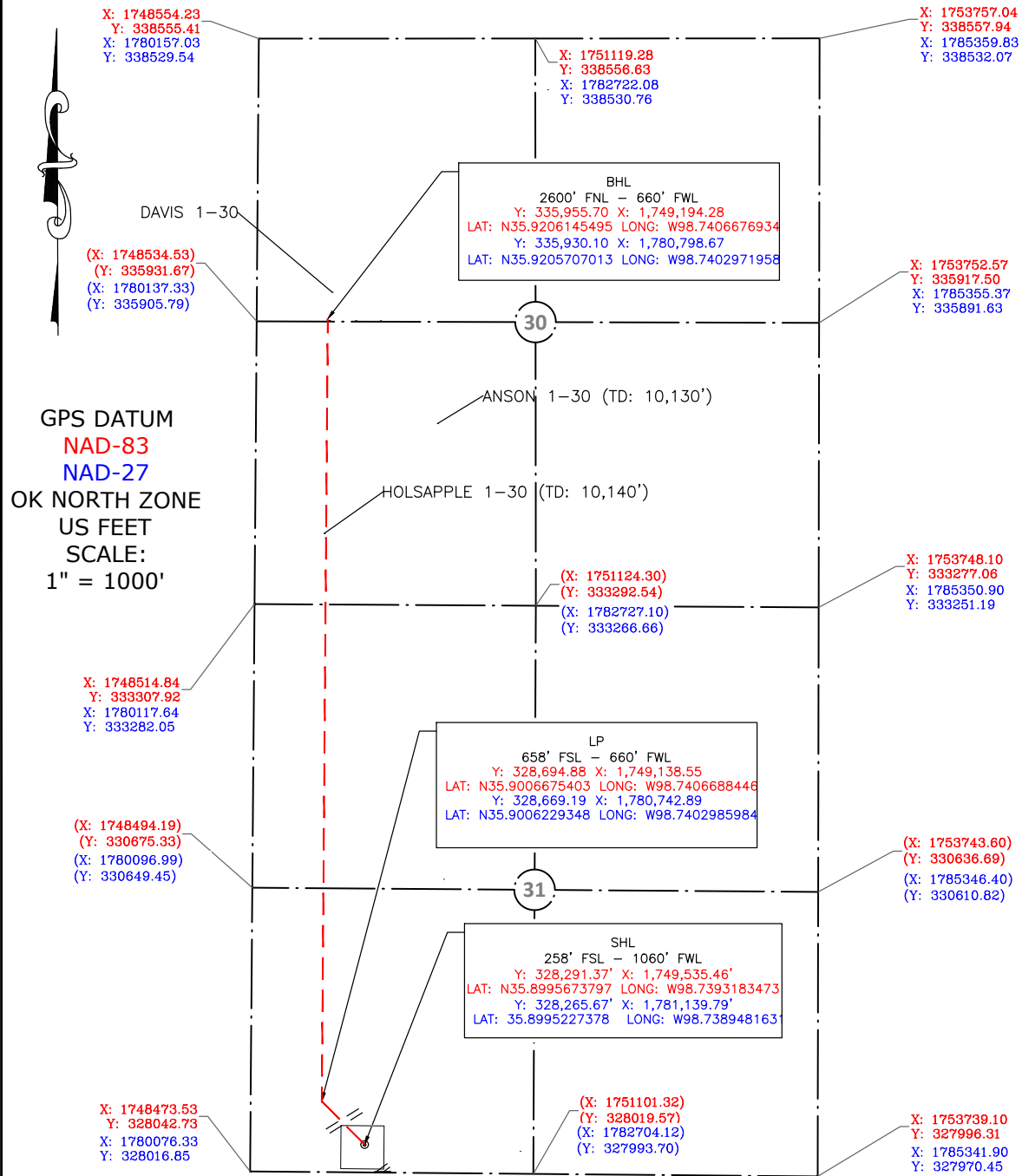
LANCELOT 1-31-30XH

Section 31 Township 17N Range 14W I.M.

County DEWEY State Oklahoma

Operator EXCALIBUR RESOURCES, LLC

WELL LOCATION PLAT



GPS DATUM
NAD-83
NAD-27
OK NORTH ZONE
US FEET
SCALE:
1" = 1000'

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.

C. Culpepper 2/12/19
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# 8166

DATE STAKED: 2/11/19