

API NUMBER: 043 23754

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

Approval Date: 06/07/2022

Expiration Date: 12/07/2023

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 26 Township: 18N Range: 14W County: DEWEY

SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 345 1750

Lease Name: TIDBALL NORTH Well No: 14-23-1XH Well will be 345 feet from nearest unit or lease boundary.

Operator Name: DERBY EXPLORATION LLC Telephone: 4052024535 OTC/OCC Number: 24143 0

DERBY EXPLORATION LLC  
PO BOX 779  
OKLAHOMA CITY, OK 73101-0779

BETTY J WYMER TRUST, ET AL  
5312 CIRCLE GLEN  
EDMOND OK 73025

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9195
2	WOODFORD	319WDFD	10725

Spacing Orders: 685492  
687568  
724716

Location Exception Orders: 724745

Increased Density Orders: 724537  
724538

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 21303 Ground Elevation: 1812

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 210

Deep surface casing has been approved

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: 22-38355

H. (Other) SEE MEMO

### PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

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

### 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

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.

**MULTI UNIT HOLE 1**

Section: 14	Township: 18N	Range: 14W	Meridian: IM	Total Length: 10260
	County: DEWEY			Measured Total Depth: 21303
Spot Location of End Point: N2	N2	NW	NW	True Vertical Depth: 10520
Feet From: <b>NORTH</b>		1/4 Section Line: 50		End Point Location from
Feet From: <b>WEST</b>		1/4 Section Line: 660		Lease, Unit, or Property Line: 50

**NOTES:**

Category	Description
DEEP SURFACE CASING	[6/6/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[6/6/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NH shall BE USED AND IS FOUND AT THIS 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 IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 724537	<p>[6/7/2022 - G56] - 14-18N-14W X685492 MSSP 1 WELL DERBY EXPLOR, LLC 3/29/2022</p>
INCREASED DENSITY - 724538	<p>[6/7/2022 - G56] - 23-18N-14W X687568 MSSP 1 WELL DERBY EXPLOR, LLC 3/29/2022</p>
INTERMEDIATE CASING	[6/6/2022 - GC2] - 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
LOCATION EXCEPTION - 724745	<p>[6/7/2022 - G56] - (I.O.) 14 &amp; 23-18N-14W X687568 MSSP, WDFD 23-18N-14W X685492 MSSP, WDFD 14-18N-14W COMPL. INT. (23-18N-14W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (14-18N-14W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL DERBY EXPLOR, LLC 4/7/2022</p>
MEMO	[6/6/2022 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - MINNEHAHA CREEK), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 685492	<p>[6/7/2022 - G56] - (640)(HOR) 14-18N-14W EXT 668907 MSSP, WDFD, OTHER POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL</p>
SPACING - 687568	<p>[6/7/2022 - G56] - (640)(HOR) 23-18N-14W VAC 296906 CSTR, MSSLM, KDRK, WDFD, OTHER EST MSSP, WDFD, OTHER POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL</p>
SPACING - 724716	<p>[6/7/2022 - G56] - (I.O.) 14 &amp; 23-18N-14W EST MULTIUNIT HORIZONTAL WELL X687568 MSSP, WDFD 23-18N-14W X685492 MSSP, WDFD 14-18N-14W 50% 14-18N-14W 50% 23-18N-14W DERBY EXPLOR, LLC 4/6/2022</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.

043 23754 TIDBALL NORTH 14-23-1XH

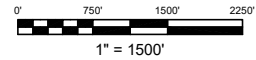
# DERBY Well Location Plat

S.H.L. Sec. 26-18N-14W I.M.  
B.H.L. Sec. 14-18N-14W I.M.

Operator: DERBY EXPLORATION, LLC  
Lease Name and No.: TIDBALL NORTH 14-23-1XH  
Surface Hole Location: 345' FNL - 1750' FWL Gr. Elevation: 1812'  
SE/4-NW/4-NE/4-NW/4 Section: 26 Township: 18N Range: 14W I.M.  
Bottom Hole Location: 50' FNL - 660' FWL  
NW/4-NE/4-NW/4-NE/4 Section: 14 Township: 18N Range: 14W I.M.  
County: Dewey State of Oklahoma  
Terrain at Loc.: Location fell in mostly open pasture with timber of West edge of pad.



All bearings shown  
are grid bearings.



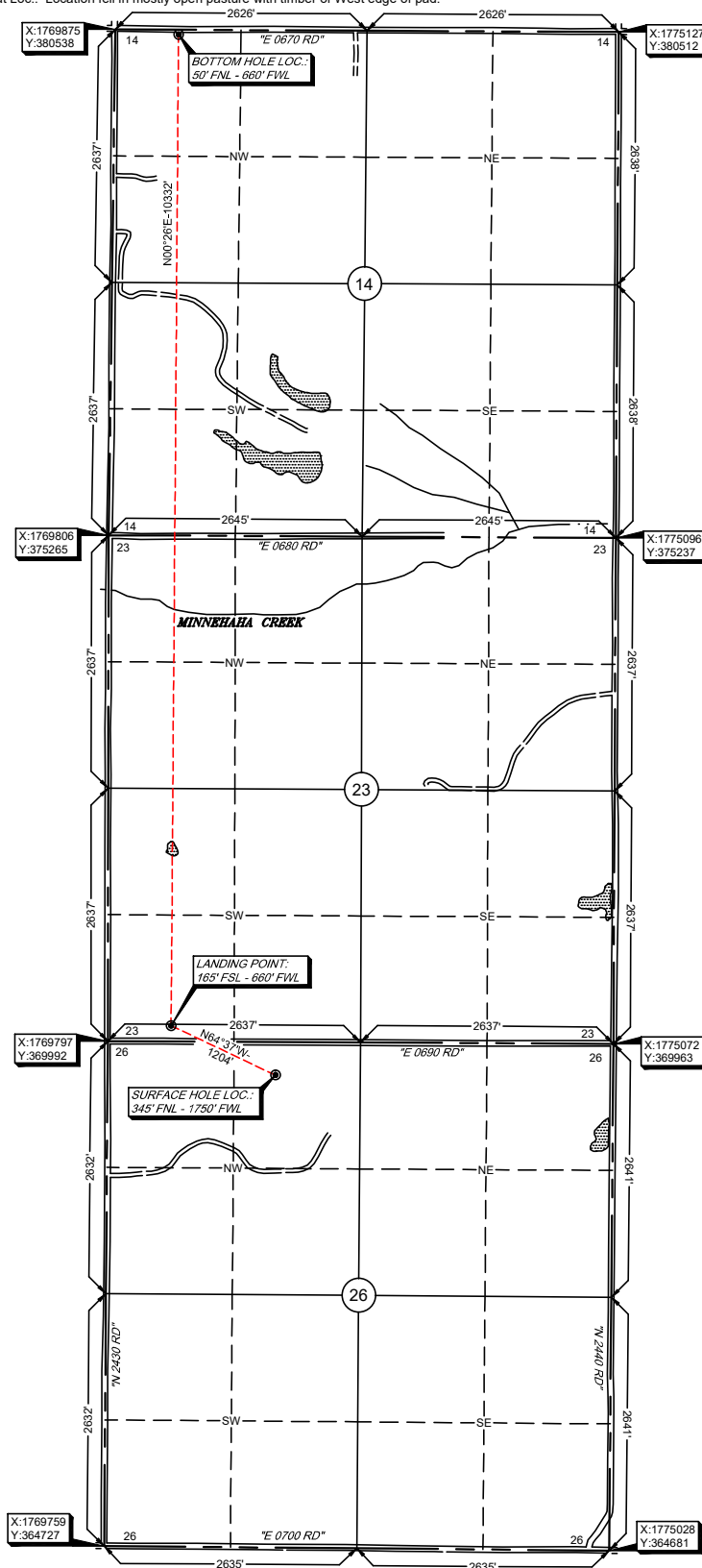
GPS DATUM  
NAD 83  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 36°00'48.90"N  
Lon: 98°39'57.47"W  
Lat: 36.01358371  
Lon: -98.66596519  
X: 1771545  
Y: 369637

Landing Point:  
Lat: 36°00'53.93"N  
Lon: 98°40'10.75"W  
Lat: 36.01498045  
Lon: -98.66965373  
X: 1770458  
Y: 370153

Bottom Hole Loc.:  
Lat: 36°02'36.11"N  
Lon: 98°40'10.68"W  
Lat: 36.04336369  
Lon: -98.66963344  
X: 1770535  
Y: 380485

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 Arkoma Surveying and Mapping promptly if any inaccuracies are determined. GPS data is obtained from RINEX GPS receivers and is not a substitute for a survey. The survey is based on the 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 lines, and not from a true boundary survey. Distances are measured on the ground, and further, does not represent a true boundary survey.



Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2022

Invoice #9826-A-A  
Date Staked: 05/06/2022 By: G.G.  
Date Drawn: 05/11/2022 By: J.L.

## Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

*Lance G. Mathis*  
LANCE G. MATHIS

05/11/2022

OK LPLS 1664

