

API NUMBER: 043 23745

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

Approval Date: 03/22/2022

Expiration Date: 09/22/2023

Multi Unit

Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: SE NE SE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1803 304

Lease Name: TITUS SOUTH

Well No: 25-36-1XH

Well will be 304 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

DEBRA MAY DAVIS & DERBY MAY LIFE

12183 NARROW LANE

BROOKWOOD AL 35444

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10699
2	WOODFORD	319WDFD	10853

Spacing Orders: 693879

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202200585

Working interest owners' notified: ***

Special Orders: No Special

202200586

202200587

202200588

Total Depth: 18474

Ground Elevation: 1750

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 22-38163

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST

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

MULTI UNIT HOLE 1

Section: 36 Township: 18N Range: 14W Meridian: IM

Total Length: 7500

County: DEWEY

Measured Total Depth: 18474

Spot Location of End Point: S2 S2 SW SW

True Vertical Depth: 12000

Feet From: SOUTH 1/4 Section Line: 50

End Point Location from
Lease, Unit, or Property Line: 50

Feet From: WEST 1/4 Section Line: 660

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
DEEP SURFACE CASING	[3/1/2022 - 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>[3/1/2022 - 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: OCCWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p>
INTERMEDIATE CASING	[3/1/2022 - 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
PENDING CD - 202200585	<p>[3/11/2022 - GB6] - (I.O.)(640)(HOR) 36-18N-14W EXT 693879 MSSP, WDFD, OTHER COMPL. INT. (MSSP, OTHER) 660' FB COMPL. INT. (WDFD) NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL (COEXIST** SP. ORDER# 93130 CSTR, SP. ORDER# 269914 MSSLM, KDRK, WDFD, OTHER) REC. 03/22/2022 (THOMAS)</p> <p>**AMENDED AT HEARING PER ATTORNEY FOR OPERATOR</p>
PENDING CD - 202200586	<p>[3/11/2022 - GB6] - (I.O.) 25 & 36 -18N-14W EST MULTIUNIT HORIZONTAL WELL X693879 MSSP, WDFD 25-18N-14W X202200585 MSSP, WDFD 36-18N-14W 33% 25-18N-14W 67% 36-18N-14W NO OPER. NAMED REC. 03/22/2022 (THOMAS)</p>
PENDING CD - 202200587	<p>[3/11/2022 - GB6] - (I.O.) 25-18N-14W X693879 MSSP 1 WELL NO OPER. NAMED REC. 03/22/2022 (THOMAS)</p>
PENDING CD - 202200588	<p>[3/11/2022 - GB6] - (I.O.) 25 & 36 -18N-14W X693879 MSSP, WDFD 25-18N-14W X202200585 MSSP, WDFD 36-18N-14W COMPL. INT. (25-18N-14W) NCT 2630' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (36-18N-14W) NCT 0' FNL, NCT 165' FSL**, NCT 330' FWL NO OPER. NAMED REC. 03/22/2022 (THOMAS)</p> <p>**AMENDED AT HEARING PER ATTORNEY FOR OPERATOR</p>
SPACING - 693879	<p>[3/11/2022 - GB6] - (640)(HOR) 25-18N-14W VAC 93130 CSTR 25-18N-14W VAC 269914 KDRK, WDFD, OTHER 25-18N-14W VAC 391320 MSSLM E2 25-18N-14W EST MSSP, WDFD, OTHER COMPL. INT. (MSSP, OTHER) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL, NCT 165' FSL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER# 391320 MSSLM W2 25-18N-14W)</p>



DERBY

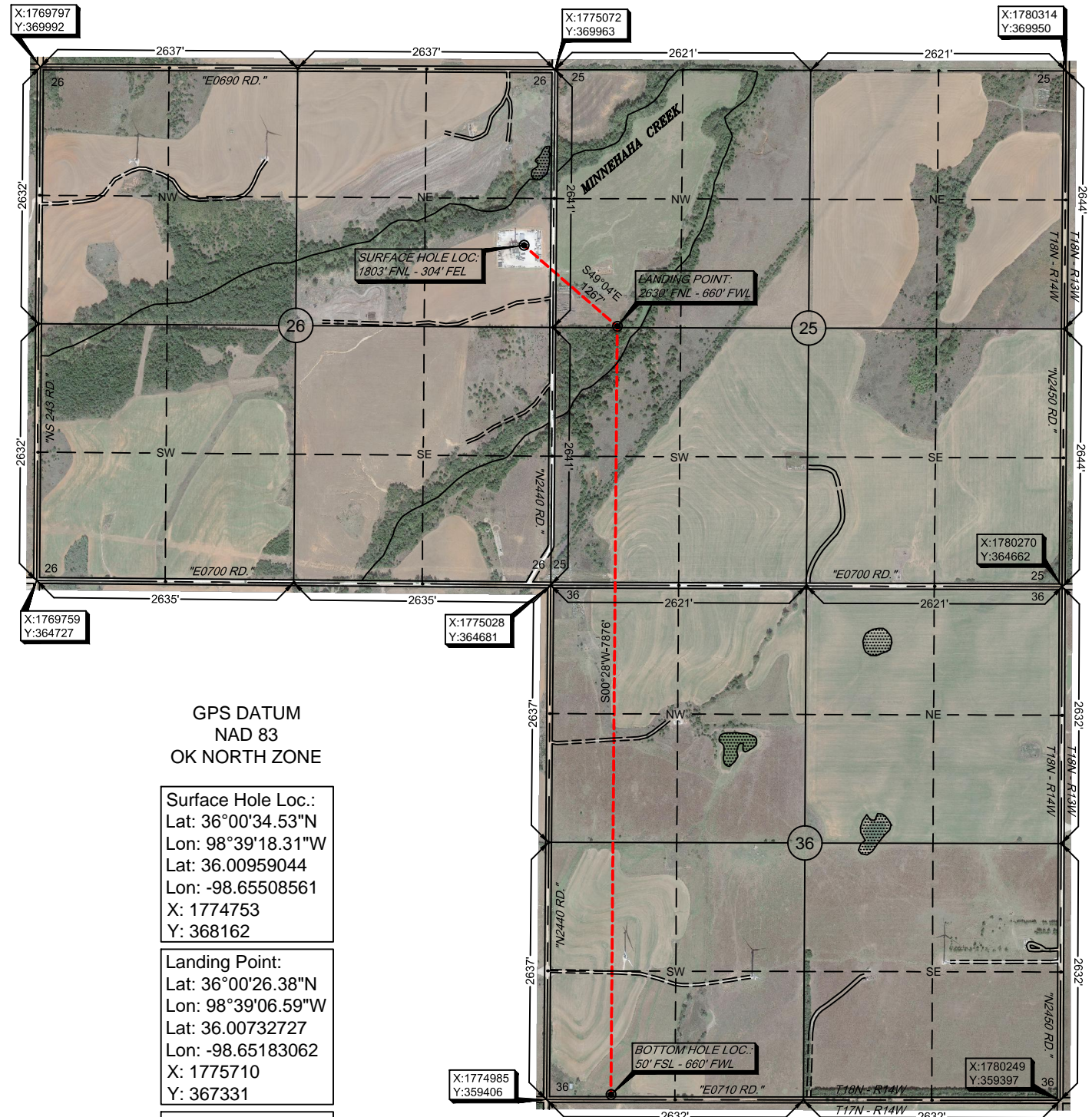
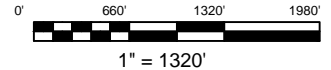
Well Location Plat

S.H.L. Sec. 26-18N-14W I.M.
B.H.L. Sec. 36-18N-14W I.M.

Operator: DERBY EXPLORATION, LLC
Lease Name and No.: TITUS SOUTH 25-36-1XH
Surface Hole Location: 1803' FNL - 304' FEL Pad Elevation: 1750'
SE/4-NE/4-SE/4-NE/4 Section: 26 Township: 18N Range: 14W I.M.
Bottom Hole Location: 50' FSL - 660' FWL
SW/4-SE/4-SW/4-SW/4 Section: 36 Township: 18N Range: 14W I.M.
County: Dewey State of Oklahoma
Terrain at Loc.: Fell on existing level pad site.



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
OK NORTH ZONE

Surface Hole Loc.:
Lat: 36°00'34.53"N
Lon: 98°39'18.31"W
Lat: 36.00959044
Lon: -98.65508561
X: 1774753
Y: 368162

Landing Point:
Lat: 36°00'26.38"N
Lon: 98°39'06.59"W
Lat: 36.00732727
Lon: -98.65183062
X: 1775710
Y: 367331

Bottom Hole Loc.:
Lat: 35°59'08.48"N
Lon: 98°39'06.73"W
Lat: 35.98568986
Lon: -98.65187027
X: 1775645
Y: 359455

-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 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.

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 #9857
Date Staked: 02/01/2022 By: D.W.
Date Drawn: 02/03/2022 By: S.S.

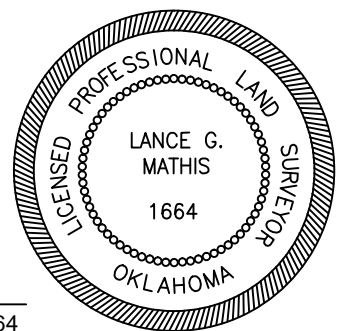
Certification:

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

02/07/2022

OK LPLS 1664





DERBY

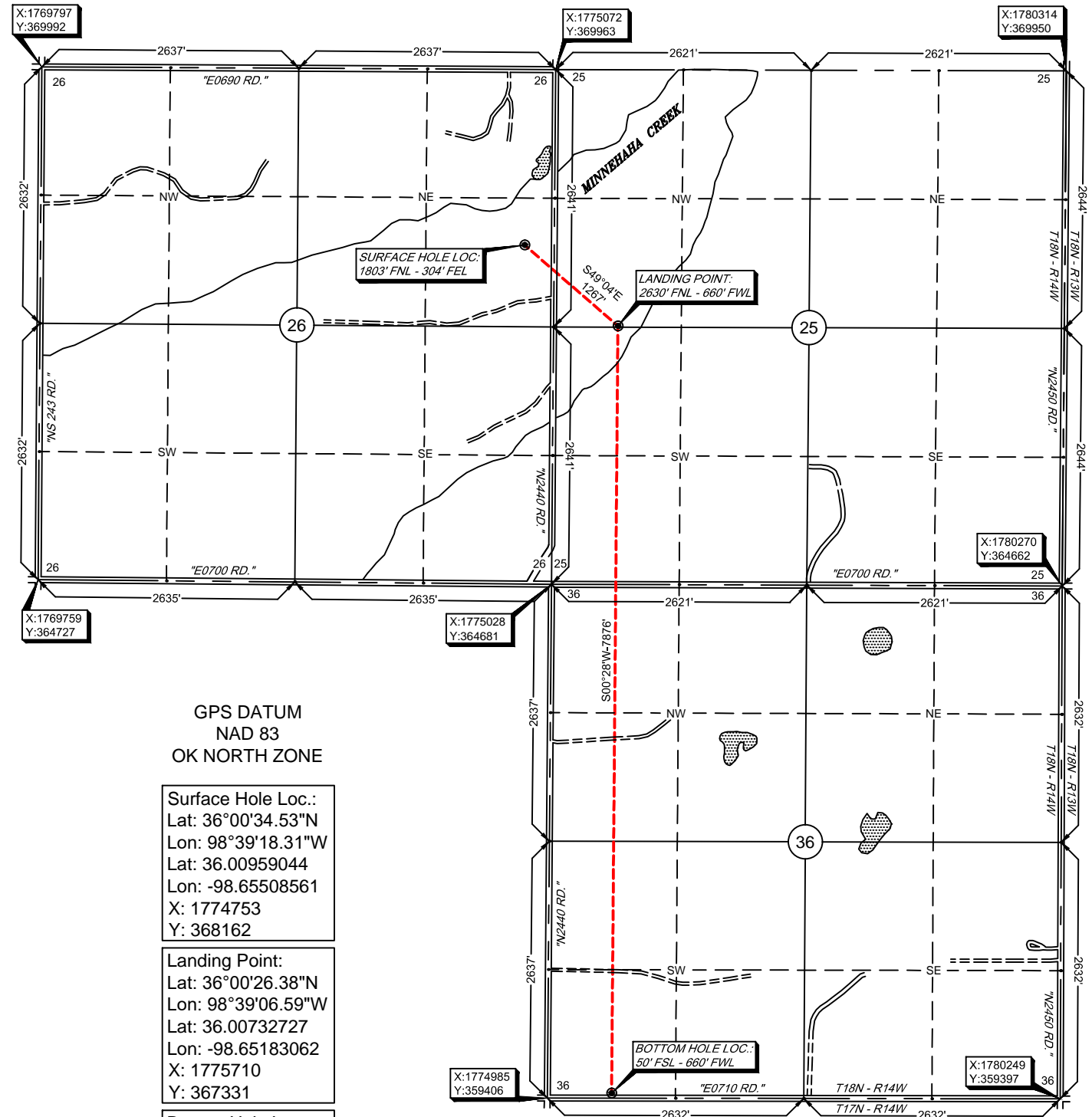
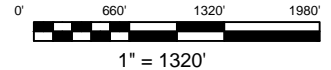
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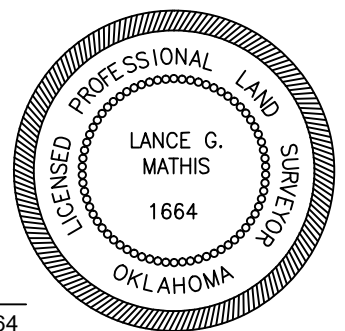
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