

API NUMBER: 011 24359

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

Approval Date: 03/27/2023

Expiration Date: 09/27/2024

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 30 Township: 18N Range: 13W County: BLAINE

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 2400 675

Lease Name: TEMANKE SOUTH Well No: 30-31-1XH Well will be 675 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

BRANDON C. WEBB & CARI L. WEBB  
251712 E. 710 ROAD  
WATONGA OK 73772

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9123
2	WOODFORD	319WDFD	10740

Spacing Orders: 728905  
728904

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202202757  
202202763  
202202754

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

Special Orders: No Special

Total Depth: 18360 Ground Elevation: 1704

Surface Casing: 400

Depth to base of Treatable Water-Bearing FM: 160

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: 23-38945

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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

### 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: BED AQUIFER

Pit Location Formation: RUSH SPRINGS

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: 31	Township: 18N	Range: 13W	Meridian: IM	Total Length: 7533
	County: BLAINE			Measured Total Depth: 18360
Spot Location of End Point: S2	S2	SE	SE	True Vertical Depth: 11000
Feet From: <b>SOUTH</b>		1/4 Section Line: 50		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 660		Lease, Unit, or Property Line: 50

**NOTES:**

Category	Description
HYDRAULIC FRACTURING	<p>[3/16/2023 - 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 FRACTURING OPERATIONS. FORM 6000NHF SHALL BE FOUND HERE: <a href="https://oklahoma.gov/occ/divisions/oil-gas/ogcd-forms">HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS</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>
INTERMEDIATE CASING	[3/16/2023 - 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
MEMO	[3/16/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202202754	<p>[3/27/2023 - G56] - (E.O.) 30 &amp; 31-18N-13W  EST MULTIUNIT HORIZONTAL WELL  X728905 MSSP, WDFD 30-18N-13W  X728904 MSSP, WDFD 31-18N-13W  (WDFD IS ADJACENT CSS TO MSSP)  34% 30-18N-13W  66% 31-18N-13W  NO OP NAMED  REC 3/10/2023 (NORRIS)</p>
PENDING CD - 202202757	<p>[3/27/2023 - G56] - (E.O.) 30-18N-13W  X728905 MSSP  1 WELL  NO OP NAMED  REC 3/10/2023 (NORRIS)</p>
PENDING CD - 202202763	<p>[3/27/2023 - G56] - (E.O.) 30 &amp; 31-18N-13W  X728905 MSSP, WDFD 30-18N-13W  X728904 MSSP, WDFD 31-18N-13W  COMPL INT (30-18N-13W) NCT 2640' FNL, NCT 0' FSL, NCT 660' FEL  COMPL INT (31-18N-13W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL  NO OP NAMED  REC 3/10/2023 (NORRIS)</p>
SPACING - 728904	<p>[3/27/2023 - G56] - (640)(HOR) 31-18N-13W  VAC 269116 CSTR, MSSLM  VAC 269914 KDRK  EXT 724872 MSSP, WDFD, OTHER  COMPL INT (MSSP) NLT 660' FB  COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL  (COEXIST WITH SP # 269914 WDFD)</p>
SPACING - 728905	<p>[3/27/2023 - G56] - (640)(HOR) 30-18N-13W  VAC 269914 CSTR, MSSLM, KDRK  EXT 724872 MSSP, WDFD, OTHERS  COMPL INT (MSSP) NLT 660' FB  COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL  (COEXIST WITH SP # 269914 WDFD)</p>
SURFACE CASING	[3/16/2023 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 32-18N-13W

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.

011 24359 TEMANKE SOUTH 30-31-1XH