

API NUMBER: 045 23898

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

Approval Date: 03/31/2023

Expiration Date: 09/30/2024

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 20 Township: 19N Range: 25W County: ELLIS

SPOT LOCATION: ☐ NE ☐ NE ☐ NE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2400 2500

Lease Name: MINNIE MAE Well No: 1-20HX Well will be 2400 feet from nearest unit or lease boundary.

Operator Name: DUNCAN OIL PROPERTIES INC Telephone: 4052721800 OTC/OCC Number: 15876 0

DUNCAN OIL PROPERTIES INC
100 PARK AVE STE 1200
OKLAHOMA CITY, OK 73102-8023

DLD FARM, LLC
EDWARD A. DRAKE, ADMINISTRATIVE MANAGER
311 N. SOONER ROAD
EDMOND OK 73034

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

Name	Code	Depth
1 CLEVELAND	405CLVD	8605

Spacing Orders: 684540
684541
724368

Location Exception Orders: 732700
724369

Increased Density Orders: 732701
724568
732702
724289

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 16400 Ground Elevation: 2438

Surface Casing: 760

Depth to base of Treatable Water-Bearing FM: 610

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: 23-38960

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: OGALLALA

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: OGALLALA

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: 29	Township: 19N	Range: 25W	Meridian: IM	Total Length: 7013
	County: ELLIS			Measured Total Depth: 16400
Spot Location of End Point: SE	SW	SE	SW	True Vertical Depth: 9161
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from
Feet From: WEST		1/4 Section Line: 1675		Lease, Unit, or Property Line: 165

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[3/28/2023 - 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 6000NHG SHALL BE FOUND HERE: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS</p>
INCREASED DENISTY - 732701	[3/31/2023 - GC2] - EXT OF TIME FOR ORDER 724289 UNTIL 3/17/2024
INCREASED DENSITY - 724289	<p>[3/31/2023 - GC2] - 20-19N-25W X684540 CLVD 2 WELLS DUNCAN OIL PROPERTIES 3/17/2022</p>
INCREASED DENSITY - 724568	<p>[3/31/2023 - GC2] - 29-19N-25W X684541 CLVD 1 WELL DUNCAN OIL PROPERTIES 3/30/2022</p>
INCREASED DENSITY - 732702	[3/31/2023 - GC2] - EXT. OF TIME FOR ORDER 724568 UNIT 3/30/2024
LOCATION EXCEPTION - 724369	<p>[3/31/2023 - GC2] - (I.O.) 20 & 29-19N-25W X684540 CLVD 20-19N-25W X684541 CLVD 29-19N-25W X165:10-3-28(C)(2)(B) CLVD MAY BE CLOSER THAN 600' TO DLD FARMS 1-20HX COMPL. INT. (20-19N-25W) NCT 1320' FNL, NCT 0' FSL, NCT 660' FWL COMPL. INT. (29-19N-25W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL DUNCAN OIL PROPERTIES 3/22/2022</p>
LOCATION EXCEPTION - 732700	[3/31/2023 - GC2] - EXT. OF TIME FOR ORDER 724369 UNTIL 3/22/2024
MEMO	[3/28/2023 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 684540	<p>[3/31/2023 - GC2] - (640)(HOR) 20-19N-25W VAC 88225 CLVD EST CLVD COMPL. INT. NLT 660' FB</p>
SPACING - 684541	<p>[3/31/2023 - GC2] - (640)(HOR) 29-19N-25W VAC 88225 CLVD EXT 584995 CLVD COMPL. INT. NLT 660' FB</p>
SPACING - 724368	<p>[3/31/2023 - GC2] - (I.O.) 20 & 29-19N-25W EST MULTIUNIT HORIZONTAL WELL X684540 CLVD 20-19N-25W X684541 CLVD 29-19N-25W 34% 20-19N-25W 66% 29-19N-25W DUNCAN OIL PROPERTIES 3/22/2022</p>
SURFACE CASING	[3/28/2023 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 30-19N-25W

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.

045 23898 MINNIE MAE 1-20HX