

API NUMBER: 015 23340

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

Approval Date: 07/24/2023

Expiration Date: 01/24/2025

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 33 Township: 11N Range: 12W County: CADDO

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 345 1380

Lease Name: TRIPLE CROWN 11-12-33-28 Well No: 1HW Well will be 345 feet from nearest unit or lease boundary.

Operator Name: STAGHORN PETROLEUM II LLC Telephone: 9185842558 OTC/OCC Number: 24056 0

STAGHORN PETROLEUM II LLC
1 W 3RD ST STE 1000
TULSA, OK 74103-3500

JUSTIN W. LIERLE AND BRIANNA L. LIERLE
6119 COUNTY ROAD 1120
HYDRO OK 73048

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

Name	Code	Depth
1 WOODFORD	319WDFD	18108

Spacing Orders: 734625
735199
735750

Location Exception Orders: 735751

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: DNA

Special Orders: No Special

Total Depth: 28630

Ground Elevation: 1618

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

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: 23-39155

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 SPRING

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 SPRING

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: 28	Township: 11N	Range: 12W	Meridian: IM	Total Length: 10170	
County: CADD0				Measured Total Depth: 28630	
Spot Location of End Point: NE		NE	NW	True Vertical Depth: 18190	
Feet From: NORTH		1/4 Section Line: 165		End Point Location from	
Feet From: WEST		1/4 Section Line: 1250		Lease, Unit, or Property Line: 165	

NOTES:

Category	Description
DEEP SURFACE CASING	[7/21/2023 - GE7] - APPROVED; (1) NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING. (2) SUBSEQUENT WELLS ON SAME PAD WILL NOT BE ALLOWED DEEP SURFACE CASING IN THE EVENT OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING.
HYDRAULIC FRACTURING	[7/21/2023 - GE7] - OCC 165:10-3-10 REQUIRES: 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; 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: HTTPS://OKLAHOMA.GOV/OCC/DIVISIONS/OIL-GAS/OGCD-FORMS ; AND, 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
LOCATION EXCEPTION - 735751 (CD2023-001069)	[7/24/2023 - GB7] - (I.O.) 28 & 33-11N-12W X735199 WDFD X734625 WDFD COMPL INT NCT 0' FNL, NCT 165' FSL, NCT 330' FWL (33-11N-12W) COMPL INT NCT 165' FNL, NCT 0' FSL, NCT 330' FWL (28-11N-12W) STAGHORN PETROLEUM II LLC 07/14/2023
MEMO	[7/21/2023 - GE7] - CLOSED SYSTEM=STEEL PITS (REQUIRED –BODY OF WATER), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 734625	[7/24/2023 - GB7] - (640)(HOR) 28-11N-12W VAC OTHERS EST WDFD, OTHERS COMPL INT NCT 165' FNL/FSL, NCT 330' FEL/FWL (EXIST CONCURRENTLY WITH NON-HORIZONTAL SPACING)
SPACING - 735199	[7/24/2023 - GB7] - (640)(HOR) 33-11N-12W VAC 191340 WDFD, OTHERS EST WDFD, OTHERS COMPL INT NCT 165' FNL/FSL, NCT 330' FEL/FWL (EXIST CONCURRENTLY WITH NON-HORIZONTAL SPACING)
SPACING - 735750 (CD2023-001068)	[7/24/2023 - GB7] - (I.O.) 28 & 33-11N-12W EST MULTIUNIT HORIZONTAL WELL X735199 WDFD X734625 WDFD 50% 28-11N-12W 50% 33-11N-12W STAGHORN PETROLEUM II LLC 07/14/2023

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015 23340 TRIPLE CROWN 11-12-33-28 1HW