

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

API NUMBER: 085 21293

Approval Date: 10/25/2018

Expiration Date: 04/25/2020

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 6S Rge: 1W

County: LOVE

SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2270 2525

Lease Name: STAHLER

Well No: 1-24

Well will be 370 feet from nearest unit or lease boundary.

Operator Name: E2 OPERATING LLC

Telephone: 9182709927

OTC/OCC Number: 23901 0

E2 OPERATING LLC  
1560 E 21ST ST STE 215  
TULSA, OK 74114-1345

EMILIE T. STAHLER  
18615 OSWALT ROAD  
OVERBROOK OK 73453

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

	Name	Depth	Name	Depth
1	DEESE	8780	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 532907

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9100

Ground Elevation: 785

**Surface Casing: 1040**

Depth to base of Treatable Water-Bearing FM: 990

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: ANTLERS

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX 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.

085 21293 STAHLER 1-24

Category	Description
HYDRAULIC FRACTURING	<p>10/24/2018 - GA8 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING 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 TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 532907	<p>10/24/2018 - G75 - (UNIT) NW4 NE4 &amp; NW4 24-6S-1W EST EASTMAN HILLS UNIT FOR DEESS</p>
WATERSHED STRUCTURE	<p>10/24/2018 - GA8 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 276-3867 PRIOR TO DRILLING</p>