

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

API NUMBER: 153 23645

Approval Date: 04/22/2019

Expiration Date: 10/22/2020

Straight Hole

Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 23N Rge: 20W

County: WOODWARD

SPOT LOCATION:

☐ NE

☐ NE

☐ SW

☐ SW

FEET FROM QUARTER: FROM

**SOUTH**

FROM

**WEST**

SECTION LINES:

**1074**

**1154**

Lease Name: **ROPER**

Well No: **1-26**

Well will be **1074** feet from nearest unit or lease boundary.

Operator Name: **WOODWARD IODINE CORPORATION**

Telephone: 5802543311

OTC/OCC Number: 12837 0

WOODWARD IODINE CORPORATION  
PO BOX 1245  
WOODWARD, OK 73802-1245

JOHN TIMOTHY ROPER  
207781 E CR 38  
WOODWARD OK 73801

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

	Name	Depth	Name	Depth
1	MORROW SAND	7850	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 38965  
63509

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8300

Ground Elevation: 1886

**Surface Casing: 290**

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

**PIT 1 INFORMATION**

Approved Method for disposal of Drilling Fluids:

Type of Pit System: **CLOSED** Closed System Means Steel Pits

Type of Mud System: **WATER BASED**

Chlorides Max: 85000 Average: 10000

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: **DOE CREEK LENTIL OF**

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 19-36417

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER)

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.

Category	Description
HYDRAULIC FRACTURING	<p>4/16/2019 - G71 - 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	4/22/2019 - G56 - N/A - STRATIGRAPHIC TEST