

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

API NUMBER: 093 25232

Approval Date: 06/18/2019

Expiration Date: 12/18/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 21N Rge: 9W

County: MAJOR

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 294 761

Lease Name: MCROXY 21N-9W

Well No: 16-1H

Well will be 294 feet from nearest unit or lease boundary.

Operator Name: INTERSTATE EXPLORATIONS LLC

Telephone: 8178503600

OTC/OCC Number: 24089 0

INTERSTATE EXPLORATIONS LLC  
PO BOX 984  
CISCO, TX 76437-0984

DARYL DEHAAS  
511245 SOUTH COUTNY ROAD 2705  
AMES OK 73718

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7023	6	
2	WOODFORD	7972	7	
3			8	
4			9	
5			10	

Spacing Orders: 633776

Location Exception Orders: 689212

Increased Density Orders:

Pending CD Numbers: 201902967

Special Orders:

Total Depth: 12850

Ground Elevation: 1296

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 450

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 19-36469

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ORDER 287231)

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.

# HORIZONTAL HOLE 1

Sec 16 Twp 21N Rge 9W County MAJOR

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 200

Feet From: EAST 1/4 Section Line: 400

Depth of Deviation: 6802

Radius of Turn: 900

Direction: 1

Total Length: 4783

Measured Total Depth: 12999

True Vertical Depth: 7972

End Point Location from Lease,  
Unit, or Property Line: 200

## Notes:

### Category

### Description

#### COMPLETION INTERVAL

6/14/2019 - G56 - COMPLETION INTERVAL WILL BE NO CLOSER THAN 330' FROM THE BOUNDARY FOR THE WOODFORD FORMATION PER OPERATOR

#### HYDRAULIC FRACTURING

6/12/2019 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

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: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

#### LOCATION EXCEPTION - 689212

6/13/2019 - G56 - (I.O.) 16-21N-9W  
X633776 MSSP  
COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 330' FEL  
OKLAHOMA ENERGY ACQUISITIONS, LP\*\*\*  
1/4/2019

\*\*\*S/B INTERSTATE EXPLORATIONS LLC

#### PENDING CD - 201902967

6/18/2019 - G56 - X689212 CHANGE OF OPERATOR TO INTERSTATE EXPLORATIONS LLC

#### PUBLIC WATER SUPPLY WELL

6/12/2019 - G71 - ENID - 1 PWS/WPA, SW/4 1521N-9W

#### SPACING - 633776

6/13/2019 - G56 - (640)(HOR) 16-21N-9W  
EST MSSP, WDFD, OTHERS  
COMPL INT (MSSP) NCT 660' FB  
COMPL INT (WDFD) NCT 330' FB

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.

093 25232 MCROXY 21N-9W 16-1H

