

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

API NUMBER: 093 25150 A

Approval Date: 08/02/2018  
Expiration Date: 02/02/2020

Horizontal Hole Oil & Gas

Amend reason: MOVED SHL & BHL, MTD.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 21N Rge: 9W

County: MAJOR

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 215 1530

Lease Name: RED BANDANA 21N-9W

Well No: 12-1H

Well will be 215 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

RODNEY & KIMBERLY STOTTS  
PO BOX 197  
MENO OK 73760

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	6765	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 685298

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801800

Special Orders:

Total Depth: 12500

Ground Elevation: 1271

**Surface Casing: 490**

Depth to base of Treatable Water-Bearing FM: 440

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: 18-34802  
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 12 Twp 21N Rge 9W County MAJOR

Spot Location of End Point: NW NW NE NW

Feet From: NORTH 1/4 Section Line: 200

Feet From: WEST 1/4 Section Line: 1500

Depth of Deviation: 6700

Radius of Turn: 593

Direction: 359

Total Length: 4869

Measured Total Depth: 12500

True Vertical Depth: 7445

End Point Location from Lease,

Unit, or Property Line: 165

## Notes:

### Category

### Description

HYDRAULIC FRACTURING

6/28/2018 - 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)

PENDING CD - 201801800

8/1/2018 - G58 - (I.O.) 12-21N-9W  
X201801798 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
NO OP. NAMED  
REC 4/17/2018 (MURER)

PUBLIC WATER SUPPLY WELLS

6/28/2018 - G71 - ENID - 1 PWS/WPA, NE/4 14-21N-9W & 1 PWS/WPA, SE/4 11-21N-9W

SPACING - 685298

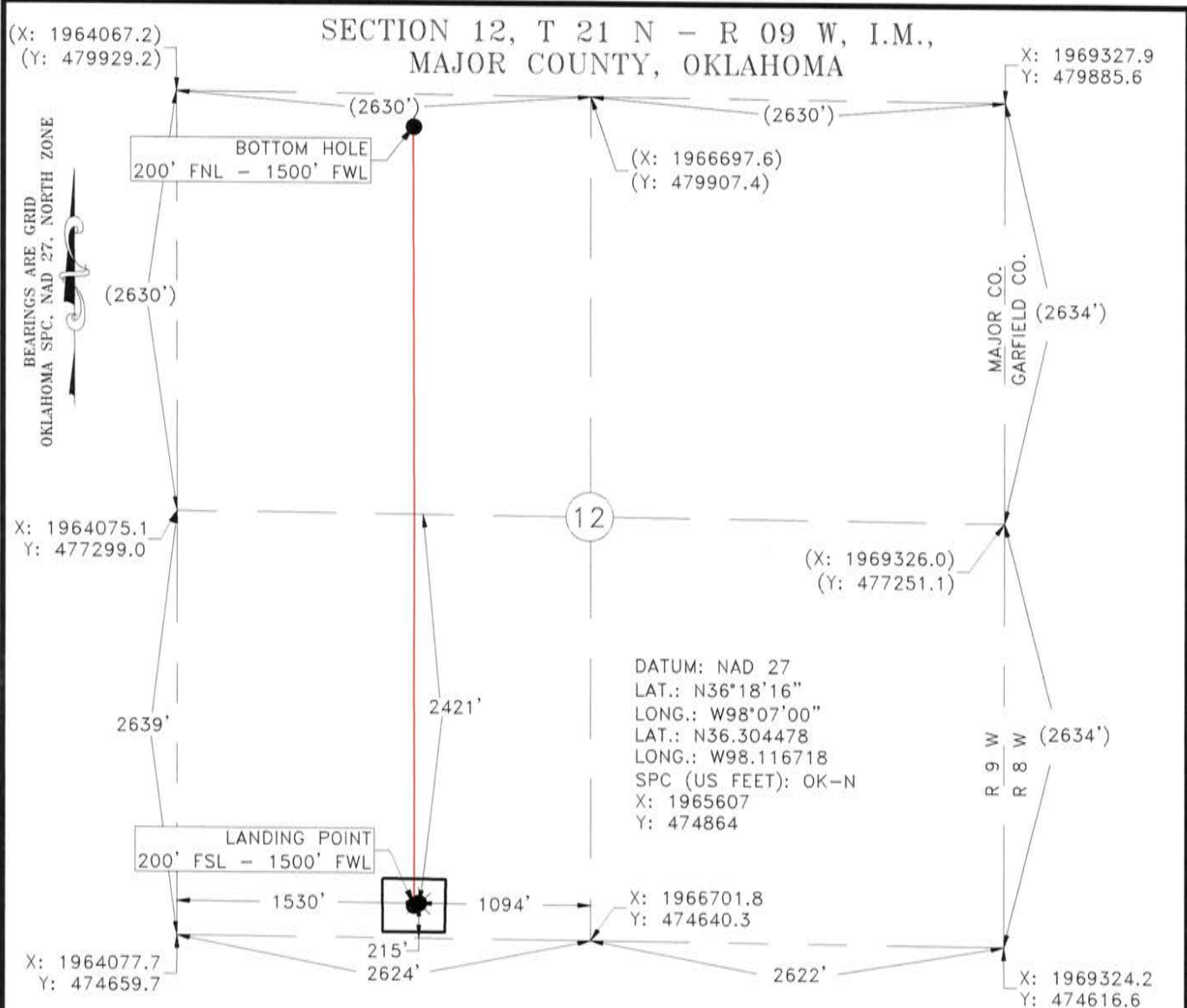
4/9/2019 - G58 - (640)(HOR) 12-21N-9W  
EST MSSP  
POE TO BHL NLT 600' FB  
(COEXIST SP. ORDER 133892 MSSLM; SP. ORDER 160431 MSSLM, MNNG)

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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 25150 RED BANDANA 21N-9W 12-1H



Operator: INTERSTATE EXPLORATION Date Staked: 4/4/19  
 Lease Name: RED BANDANA 21N-9W Well No.: 12-1H Elevation: 1271.2'  
 Topography and Vegetation: PASTURE  
 Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE  
 Best Accessibility to Location: FROM COUNTY ROAD  
 Distance and Direction from Hwy. Jct. or town: FROM JCT. OF ST HWY 132 & W SKELETON RD. IN  
DRUMMOND, HEAD WEST ON W SKELETON RD. FOR 4.7 MILES. TURN NORTH INTO LOCATION

LEGEND  
 SURFACE LOCATION  
 EXISTING WELL  
 PROPOSED DRILL PATH  
 EXISTING PIPELINE  
 ELECTRIC LINE  
 OVERHEAD POWER  
 FENCE

*John T. Birkhahn* 4-5-2019  
 JOHN T. BIRKHAHN  
 OKLAHOMA P.L.S. NO.: 1738

NOTE:  
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.



**Gateway**  
 Gateway Services Group, LLC  
 P.O. BOX 960  
 MEEKER, OK 74855  
 OFF. (405) 273-0954  
 FAX (405) 273-0580  
 C.A. NO. 4091 (LS)  
 EXP. DATE 6-30-2020

# EXHIBIT "A" PRELIMINARY

INTERSTATE EXPLORATIONS  
 RED BANDANA 21N-9W 12-1H  
 215' FSL - 1530' FWL  
 SECTION 12, T 21 N - R 09 W, I.M.,  
 MAJOR COUNTY, OKLAHOMA

DRAWN BY: ERW		DATE: 06/4/18		CHK'D: AL	
GATEWAY NO.: 18-0589-003R3				SCALE: 1"=1000'	
PAD#:			WELL#:		
REV. DWN.		DESCRIPTION			DATE
1		CLC ADDED BORE PATH			6/13/18
2		TLM ADDED LANDING POINT			7/19/18
3		ERW RESTAKE			4/4/19