

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

API NUMBER: 049 25137

Approval Date: 06/14/2017
Expiration Date: 12/14/2017

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 4N Rge: 3W County: GARVIN
SPOT LOCATION: C NW NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1980 660

Lease Name: THE DONALD Well No: 1 Well will be 660 feet from nearest unit or lease boundary.
Operator Name: GLB EXPLORATION INC Telephone: 4057870049 OTC/OCC Number: 18634 0

GLB EXPLORATION INC
7716 MELROSE LN
OKLAHOMA CITY, OK 73127-6002

MICHAEL MOORE
P.O. BOX 851
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 HUNTON	7158	6 MCLISH	9087
2 VIOLA	7757	7 OIL CREEK	9475
3 1ST BROMIDE	8352	8	
4 2ND BROMIDE	8579	9	
5 3RD BROMIDE	8731	10	

Spacing Orders: 154165
348713

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9577

Ground Elevation: 970

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32412

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

DIRECTIONAL HOLE 1

Sec 09 Twp 4N Rge 3W County GARVIN

Spot Location of End Point: SW NE SW NW

Feet From: SOUTH 1/4 Section Line: 850

Feet From: WEST 1/4 Section Line: 850

Measured Total Depth: 9577

True Vertical Depth: 9475

End Point Location from Lease,

Unit, or Property Line: 850

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	6/2/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE
SPACING - 154165	6/12/2017 - G75 - (160) NW4 9-4N-3W VAC 21491 HNTN W2 VAC 40940 OLCK VAC 114783 OLCK EST HNTN, VIOL, BRMD1, BRMD2, BRMD3, MCLSU (MCLSU VAC BY 348713), OLCK
SPACING - 348713	6/12/2017 - G75 - (160/40) W2 9-4N-3W VAC 40940 MCLS VAC 114783 MCLS VAC 154165 MCLSU EST (40) OTHER SW4 EST (160) MCLS NW4 EXT (40) OTHERS SW4
SURFACE CASING	6/13/2017 - G75 - MIN. 400' PER ORDER # 64240

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