

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

API NUMBER: 087 22100

Approval Date: 12/29/2017  
Expiration Date: 06/29/2018

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 5N Rge: 2W County: MCCLAIN  
SPOT LOCATION:  SW  NE  NW  SE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2274 787

Lease Name: PUBLISHER Well No: 1 Well will be 366 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

STEVEN KIZZIAR  
PO BOX 563  
MAYSVILLE OK 73057

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

Name	Depth	Name	Depth
1 HOGSHOOTER	5800	6 HART	6950
2 CHECKERBOARD	6200	7 PENN BASAL	7050
3 DEESE 1	6600	8 HUNTON	7070
4 DEESE 2	6700	9	
5 GIBSON	6850	10	

Spacing Orders: 599661 Location Exception Orders: Increased Density Orders: 670802

Pending CD Numbers: 201707442  
201708670

Special Orders:

Total Depth: 7400 Ground Elevation: 972 Surface Casing: 350 Depth to base of Treatable Water-Bearing FM: 140

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: 17-33388  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

DIRECTIONAL HOLE 1

Sec 20 Twp 5N Rge 2W County MCCLAIN

Spot Location of End Point: E2 W2 NW SE

Feet From: SOUTH 1/4 Section Line: 1980

Feet From: WEST 1/4 Section Line: 650

Measured Total Depth: 7400

True Vertical Depth: 7350

End Point Location from Lease,

Unit, or Property Line: 650

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>11/14/2017 - 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://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.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>
INCREASED DENSITY - 670802	<p>12/15/2017 - G60 - (F.O.) NE4 SW4, NW4 SE4 20-5N-2W X599661 HART 1 WELL GLB EXPLORATION, INC. 12/5/17</p>
PENDING CD - 201707442	<p>12/15/2017 - G60 - (I.O.) NE4 SW4, NW4 SE4 20-5N-2W X599661 HGSR, CCKB, DEES1, DEES2, GBSN, HART, BPSLV, HNTN NCT 660' FNL, NCT 660' FEL GLB EXPLORATION, INC. REC. 11/27/17 (MILLER)</p>
PENDING CD - 201708670	<p>12/29/2017 - G60 - MODIFY 670802 FROM HART TO BPSLV HEARING 1/16/17</p>
SPACING - 599661	<p>12/15/2017 - G60 - (80)(IRR) NE4 SW4, NW4 SE4 20-5N-2W LD NW/SE VAC 194348 HNTN NE4 SW4, NW4 NSE4 VAC 192745 GBSN NE4 SW4, NW4 SE4 VAC 38355 HART NE4 SW4 EXT 439014 HGSR, CCKB, DEES1, DEES2, GBSN, HART, BPSLV, HNTN</p>