

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

API NUMBER: 083 24452

Approval Date: 11/19/2019

Expiration Date: 05/19/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 15N Rge: 3W

County: LOGAN

SPOT LOCATION: C

NE

NE

NW

FEET FROM QUARTER: FROM

NORTH

FROM

EAST

SECTION LINES:

330

330

Lease Name: WARD TRUST

Well No: 1

Well will be 330 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

TOM WARD, TRUSTEE HAROLD B WARD, REVOCABLE  
TRUST DATED 7/16/91  
6212 SOUTH SANDUSKY AVE  
TULSA OK 74136

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

	Name	Depth		Name	Depth
1	TONKAWA	3950	6	VIOLA	6000
2	LAYTON	4850	7	SIMPSON DOLOMITE	6060
3	PRUE	5700	8	1ST WILCOX	6170
4	RED FORK	5780	9	2ND WILCOX	6220
5	HUNTON	5900	10		

Spacing Orders: 625874  
436293

Location Exception Orders: 682470  
700797

Increased Density Orders:

Pending CD Numbers: 201905520

Special Orders:

Total Depth: 6300

Ground Elevation: 1101

Surface Casing: 650

Depth to base of Treatable Water-Bearing FM: 550

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: 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? 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 BED AQUIFER

Pit Location Formation: GARBER

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

PERMIT NO: 19-37058

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is 18 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>10/29/2019 - 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://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>
LOCATION EXCEPTION - 682470	<p>11/18/2019 - GC2 - (I.O.) NW4 24-15N-3W  X436293 LYTN, PRUE, RDFK, HNTN, VIOL, SMPSD  X652874 TNKW, WLCX1, WLCX2  330' FNL, 330' FEL OF NW4 24-15N-3W  HILL OIL COMPANY, INC  9-5-2018</p>
LOCATION EXCEPTION - 688338	<p>11/18/2019 - GC2 - EXT OF TIME FOR ORDER 682470 UNTIL 9-5-2020.</p>
PENDING CD - 201905520	<p>11/19/2019 - GC2 - NW4 24-15N-3W  X682470 CHANGE OF OPERATOR TO GLB EXPLORATION, INC.  HEARING 11-25-2019</p>
PUBLIC WATER SUPPLY WELLS	<p>11/18/2019 - G71 - DAVIS CLENN ESTATES WATER UTIL - 2 PWS/WPA SE/4 23-15N-3W &amp; ROCK CREEK - 4 PWS/WPA SW/4 24-15N-3W</p>
SPACING - 436293	<p>11/18/2019 - GC2 - (160)(80) NW4 24-15N-3W  EXT 160215 (160) LYTN, PRUE, RDFK, HNTN, VIOL, SMPSD, OTHERS  EXT 51681 (80) LD NW/SE WLCX1, WLCX2  EXT OTHER</p>
SPACING - 652874	<p>11/18/2019 - GC2 - (80) NW4 24-15N-3W LD NW/SE  EXT 374993 TNKW</p>