

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

API NUMBER: 071 24890

Approval Date: 06/08/2018

Expiration Date: 12/08/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 27N Rge: 3E County: KAY  
SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 330 780

Lease Name: OTTO Well No: 1A Well will be 120 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

JOSEPH OTTO II  
401 FAIRVIEW, STE. 1  
PONCA CITY OK 74601

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

Name	Depth	Name	Depth
1 HOOVER	1550	6 WILCOX	3750
2 LAYTON	2370	7 ARBUCKLE	3800
3 CLEVELAND	2750	8	
4 RED FORK	3100	9	
5 MISSISSIPPI CHAT	3200	10	

Spacing Orders: 28416

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201804442

Special Orders:

Total Depth: 3900

Ground Elevation: 1094

**Surface Casing: 220**

Depth to base of Treatable Water-Bearing FM: 170

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 BED AQUIFER

Pit Location Formation: OSCAR

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34620

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Additional Surface Owner

Address

City, State, Zip

PAUL OTTO

1161 ROSEMARY WAY

DENVER, CO 80231

Notes:

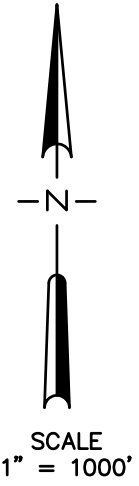
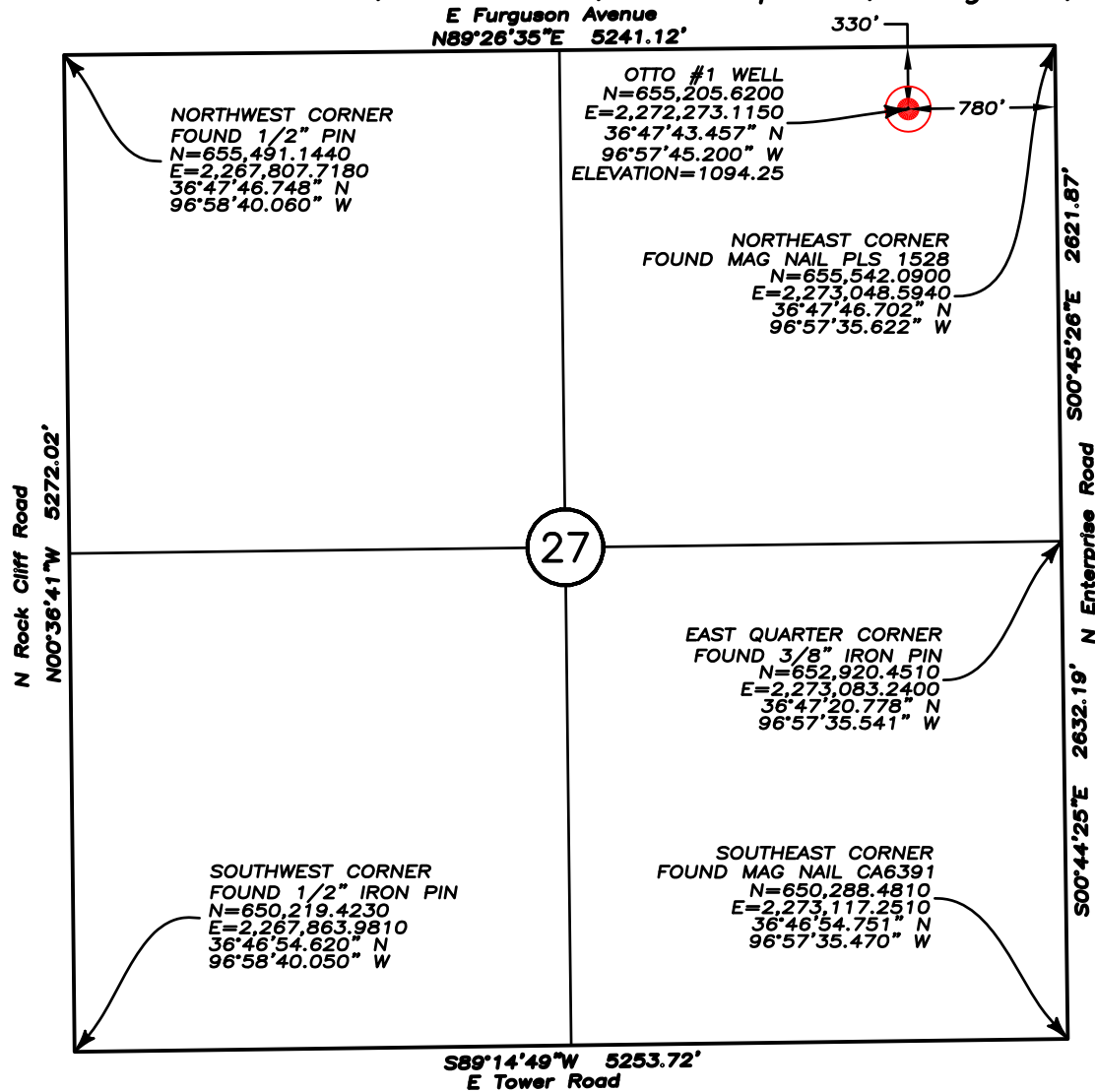
This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.  
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	<p>5/30/2018 - 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>
PENDING CD - 201804442	<p>6/8/2018 - G75 - (E.O.) NW4 NE4 NE4 27-27N-3E  X28416 LYTN, CLVD  NCT 330' FNL, NCT 120' FEL  NO OP. NAMED  REC 6-8-2018 (M. PORTER)</p>
SPACING	<p>6/7/2018 - G75 - FORMATIONS UNSPACED EXCEPT LAYTON AND CLEVELAND; 160-ACRE LEASE (NE4)</p>
SPACING - 28416	<p>6/7/2018 - G75 - (10) N2 27-27N-3E  EST HOVR (VAC BY 70664)  EST LYTN, CLVD</p>
SURFACE LOCATION	<p>6/7/2018 - G75 - 330' FNL, 780' FEL NE4 27-27N-3E PER STAKING PLAT</p>

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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.

**Kay County, Oklahoma**  
**330'FNL-780'FEL, Section 27, Township 27N, Range 3E, I.M.**

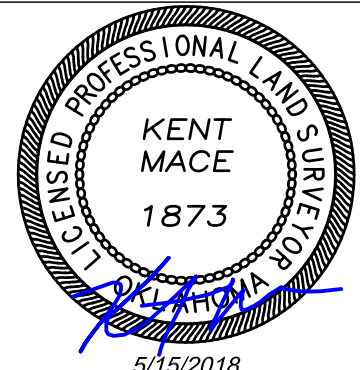
API 071-24890



Operator: GLB Exploration, Inc.  
 Lease Name: Otto #1 A  
 Ground Elevation @ Stake: 1094.25 (NAVD 88)  
 Datum: NAD83  
 Lat: 36°47'43.457" N  
 Long: 96°57'45.200" W  
 Lat: 36.7954047222° N  
 Long: 96.9625555556° W  
 State Plane Coordinates: US Feet  
 Zone: Oklahoma North (NAD83)  
 N: 655,205.6200  
 E: 2,272,273.1150  
 Field Staking on: May 15, 2018  
 Date Drawn: May 15, 2018  
 Good Drill Site? Yes  
 Alternate Location No

Topography & Vegetation Old quarry, stripped soil, rock piles, cedar trees.  
 Best Accessibility to Well Location West side of N Enterprise Road, 600 feet south of the Northeast corner of Section 27.  
 Directions from Town or Highway Junction From Kildare, OK, east 5 miles on E Kildare Road, south 1 mile on N Enterprise Road to the NE corner of Section 27.

**Professional Land Surveyor Certification**  
 I, Kent Mace, Oklahoma Professional Land Surveyor #1873, do hereby certify that Otto #1 Well Survey was conducted under my direct supervision and the attached Well Survey Report was prepared by me. I furthermore certify that this well was staked on the ground as shown in this report.



**MB MacBax & Associates**  
 civil engineering & land surveying services

Certificate of Authorization No. 7754

323-B South Main  
 Noble, OK 73068  
 Phone 405-872-7594  
 Kent@MacBax.net

Surveyed By:	KM
Drawn By:	KM
Approved By:	KM
Revised Date:	5/15/2018
Scale:	1"=1000'
Project No:	18062

**MAP VIEW**  
**OTTO #1 WELL SITE**

NE/4, SECTION 27-T27N-R3E, I.M., KAY COUNTY, OK

**GLB Exploration, Inc.**  
 7716 MELROSE LANE OKLAHOMA CITY, OK 73127

Revision Version No.
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