

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

API NUMBER: 065 20308

Approval Date: 03/30/2018

Expiration Date: 09/30/2018

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 1S Rge: 23W County: JACKSON

SPOT LOCATION: ☐ NW ☐ SE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 906 550

Lease Name: EDDIE

Well No: 6-31

Well will be 906 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

EDDIE & JUDY MITCHELL
P.O. BOX G
EL DORADO OK 73537

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

Name	Depth	Name	Depth
1 CANYON	5500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 575170

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201801447
201802472

Special Orders:

Total Depth: 6000

Ground Elevation: 1446

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 190

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: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: BLAINE

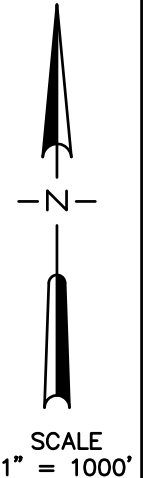
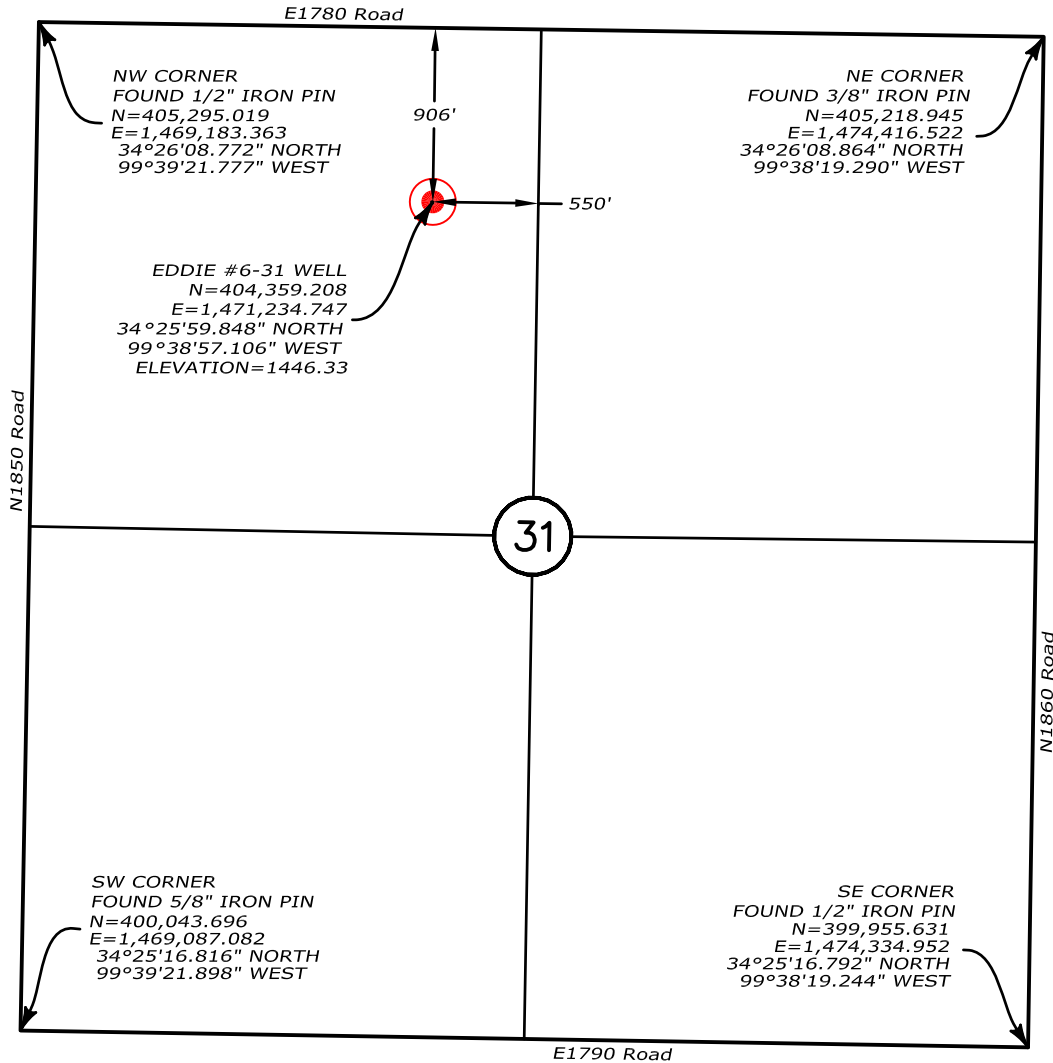
Notes:

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>3/21/2018 - 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: OCCEWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
PENDING CD - 201801447	<p>3/22/2018 - G75 - 31-1S-23W X575170 CNYN 2 WELLS NO OP. NAMED REC 3-12-2018 (MURER)</p>
PENDING CD - 201802472	<p>3/27/2018 - G75 - (E.O.) 31-1S-23W X575170 CNYN NCT 900' FNL, NCT 2000' FWL NO OP. NAMED REC 3-30-2018 (M. NORRIS)</p>
SPACING - 575170	<p>3/22/2018 - G75 - (640) 31-1S-23W VAC 203552/219498 CNYN, OTHERS EXT 570401 CNYN, OTHERS</p>
SURFACE LOCATION	<p>3/22/2018 - G75 - 906' FNL, 550' FEL NW4 31-1S-23W PER STAKING PLAT</p>

Jackson County, Oklahoma
906'FNL-550'FEL, NW/4, Section 31, Township 1S, Range 23W, I.M.

API 065-20308



Operator: GLB Exploration, Inc.
 Lease Name: Eddie #6-31
 Ground Elevation @ Stake: 1446.33 (NAVD 88)
 Datum: NAD83
 Lat: 34°25'59.848" NORTH
 Long: 99°38'57.106" WEST
 Lat: 34.433292° NORTH
 Long: 99.649196° WEST
 State Plane Coordinates: US Feet
 Zone: Oklahoma South (NAD83)
 N: 404,359.208
 E: 1,471,234.747
 Field Staking on: March 15, 2018
 Date Drawn: March 16, 2018
 Good Drill Site? Yes
 Alternate Location _____

Topography & Vegetation Gently sloped pasture with scattered trees.
 Best Accessibility to Well Location From the NW corner of Section 31, east on E1780 road 0.5 miles to field entrance to the south.
 Directions from Town or Highway Junction From Eldorado, Oklahoma 2.2 miles south on N1850 Road to the NW corner of Section 31.

Professional Land Surveyor Certification
 I, Kent Mace, Oklahoma Professional Land Surveyor #1873, do hereby certify that Eddie #6-31 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.





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:	3/16/2018
Scale:	1"=1000'
Project No:	18039

MAP VIEW EDDIE #6-31 WELL SITE	
NW/4, SECTION 31-T1S-R23W, I.M., JACKSON COUNTY, OK	
GLB Exploration, Inc. 7716 MELROSE LANE OKLAHOMA CITY, OK 73127	

Revision Version No.
Sheet 4 of 6

GLB EXPLORATION, INC.

7716 Melrose Lane
Oklahoma City, Oklahoma 73127
(405) 787-0049 (405) 787-8884 Fax

API 065-20308

Glenn Blumstein
President

March 21, 2018

Oklahoma Corporation Commission
Oil & Gas Division
2101 North Lincoln Blvd.
Oklahoma City, OK 79105

Re: Eddie #6-31
Section 31-1S-23W
Jackson County, OK

To Whom It May Concern:

This letter will serve as an attachment to Form 1000 (Intent to Drill) for the captioned well in regards to compliance with Order #277435 to protect the ground water in this part of Jackson County. The items listed below will conform to the order:

Item B. A reserve pit will be used according to OCC guidelines.

Item C.1. Surface casing will be 8 5/8" and will be set to approximately 250'. This will be approximately 130' below the Blaine Formation. Surface hole will be 12 1/4", which will allow more than the 1 1/2" cement sheath.

Item C.2. Centralizers will be set at approximately 30', 130 and 250'.

Item D. Surface casing cement sheath will be more than 1 1/2" in thickness and will have a compressive strength of a least 500 psig.

Item E. Wells in the immediate area have not encountered problems with lost circulation in the Flowerpot Formation. No intermediate casing string is anticipated for this straight hole.

Item F. Production casing will be set to OCC standards to achieve cathodic protection.

Item G.1. If a dry hole is drilled a 100' cement plug will be set with 50' inside and outside of the surface casing. After 4 hours a surface cement plug will be set from 30' to surface and a steel cap welded on top of the casing.

Item G.2. Plugging operations will be performed according to OCC rules in association with the field inspector.

Item H. A gamma ray log will be run from total depth to surface.

Item I. Cathodic protection standards will be maintained throughout drilling and completion according to OCC rules.

Item J. Appropriate cementing forms (1002-C) will accompany form 1002A or 1003 when submitting to the OCC.

Please call if you need any additional information.

Yours truly,

A handwritten signature in black ink, appearing to read 'Glenn Blumstein', with a long horizontal line extending to the right.

Glenn Blumstein

GB:gb