

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

API NUMBER: 065 20281

Approval Date: 05/22/2014

Expiration Date: 11/22/2014

Straight Hole

Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 990 1980

Lease Name: EDDIE

Well No: 4-31

Well will be 990 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: 625717

Increased Density Orders: 625716

Pending CD Numbers:

Special Orders:

Total Depth: 6000

Ground Elevation: 1407

Surface Casing: 250

Depth to base of Treatable Water-Bearing FM: 120

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

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? 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 14-27167

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 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.

065 20281 EDDIE 4-31

Category	Description
FRAC FOCUS	5/7/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
INCREASED DENSITY - 625716	5/22/2014 - G75 - (E.O.) 31-1S-23W X575170 CNYN 1 WELL GLB EXPLOR., INC 5-20-2014.
LOCATION EXCEPTION - 625717	5/22/2014 - G75 - (E.O.) 31-1S-23W X575170 CNYN NCT 990 FSL, NCT 1980 FWL GLB EXPLOR., INC. 5-20-2014
SPACING - 575170	5/22/2014 - G75 - (640) 31-1S-23W VAC 203552/219498 CNYN, OTHERS EXT 570401 CNYN, OTHERS

GLB EXPLORATION, INC.

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

API 065-20281

Glenn Blumstein
President

May 6, 2014

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

Re: Eddie #4-31
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. Steel pits will be used while drilling. We will soil farm cuttings and mud on the surface owners property as agreed with him according to OCC rules if the OCC allows soils farming. If soil farming is not allowed a reserve pit will be used with a 20 mil liner.

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 with 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 with be more that 1 1/2" in thickness and will have a compressive strength of a least 500 psig.

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

Eddie #3-31

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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 the remaining volume of surface casing will be filled with cement.

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 stylized, cursive script.

Glenn Blumstein

GB:gb