API NUMBER: 009 21952

Oil & Gas

Horizontal Hole

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

Approval Date: 09/03/2014
Expiration Date: 03/03/2015

## PERMIT TO DRILL

WELL LOCATION:	Sec:	03	Twp:	10N	Rge:	251	V	County	: BEC	KHAM		
SPOT LOCATION:	SW	SE	S	W	SE		FEET FROM QU	JARTER:	FROM	SOUTH	FROM	EAST
							SECTION LINES	S:		160		1780
Lease Name: 0	REEN	3-10-2	5					We	ell No:	12H		

Lease Name: GREEN 3-10-25 Well No: 12H Well will be 160 feet from nearest unit or lease boundary.

Operator LINN OPERATING INC

Telephone: 4052412200; 4052412 OTC/OCC Number: 22182 0

LINN OPERATING INC 14000 QUAIL SPRINGS PKWY STE 5000 OKLAHOMA CITY, OK 73134-2619

CINDY L GREEN
PO BOX 482
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MO'AN (UP GRANITE WASH)	11000	6	
2			7	
3			8	
4		!	9	
5			10	
Spacing Orders:	129891	Location Exception Orders:		Increased Density Orders:

Pending CD Numbers: 201406241 Special Orders:

Total Depth: 16300 Ground Elevation: 2079 Surface Casing: 320 Depth to base of Treatable Water-Bearing FM: 200

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: Yes Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Mud System: WATER BASED
Chlorides Max: 30000 Average: 5000

Type of Pit System: ON SITE

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: 1B

Liner required for Category: 1B
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27910

H. SEE MEMO

PIT 2 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: 3

Liner required for Category: 3
Pit Location is AP/TE DEPOSIT
Pit Location Formation: TERRACE

## **HORIZONTAL HOLE 1**

Sec 03 Twp 10N Rge 25W County BECKHAM

Spot Location of End Point: NW NE NW NE Feet From: NORTH 1/4 Section Line: 230

Feet From: EAST 1/4 Section Line: 1780

Depth of Deviation: 11000
Radius of Turn: 575
Direction: 360
Total Length: 4900

Measured Total Depth: 16300

True Vertical Depth: 11475

End Point Location from Lease,
Unit, or Property Line: 230

Notes:

Category Description

MEMO 9/2/2014 - G71 - PITS 1 & 2 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 2 - OBM

RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201406241 9/3/2014 - G72 - 03-10N-25W (E.O.)

X 129891 MOUGW,

COMP INT. NCT 330 FNL NCT 330 FSL NCT 1220 FEL,

NO OPER NAMED, REC 9/2/2014 (DECKER)

SPACING - 129891 9/3/2014 - G72 - (640) 03-10N-25W

EXT OTHER,

EST MOUGW, OTHERS