

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

API NUMBER: 103 24054 B

Approval Date: 05/08/2018

Expiration Date: 11/08/2018

Horizontal Hole Oil & Gas

PERMIT TO RECOMPLETE

WELL LOCATION: Sec: 32 Twp: 22N Rge: 2W

County: NOBLE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 208 527

Lease Name: LINN

Well No: 3CH-29

Well will be 208 feet from nearest unit or lease boundary.

Operator Name: MACKELLAR INC

Telephone: 4058482877; 4058482

OTC/OCC Number: 1345 0

MACKELLAR INC
PO BOX 18298
OKLAHOMA CITY, OK 73154-0298

JOHN AARON LINN
6801 COUNTY ROAD 210
REDROCK OK 74651

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

Name	Depth	Name	Depth
1 COTTONWOOD	1320	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 6678

Ground Elevation: 1009

Surface Casing: 280 IP

Depth to base of Treatable Water-Bearing FM: 210

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

HORIZONTAL HOLE 1

Sec 30 Twp 22N Rge 2W County NOBLE

Spot Location of End Point: SE SE NE SE

Feet From: SOUTH 1/4 Section Line: 1371

Feet From: EAST 1/4 Section Line: 70

Depth of Deviation: 4424

Radius of Turn: 397

Direction: 357

Total Length: 1630

Measured Total Depth: 6678

True Vertical Depth: 4936

End Point Location from Lease,
Unit, or Property Line: 70

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.

Notes:

Category

Description

HYDRAULIC FRACTURING

4/24/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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,

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

POINT OF ENTRY

5/8/2018 - G75 - GREATER THAN 165' FNL AND FWL NW4 32-22N-2W PER OPERATOR

SPACING

5/8/2018 - G75 - FORMATION UNSPACED; 160-ACRE LEASE (NW4)