

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

API NUMBER: 009 21990

Approval Date: 02/28/2018

Expiration Date: 08/28/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 11N Rge: 25W

County: BECKHAM

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 1400

Lease Name: SITES

Well No: 1H-2215

Well will be 300 feet from nearest unit or lease boundary.

Operator
Name: LE NORMAN OPERATING LLC

Telephone: 4055481200

OTC/OCC Number: 22738 0

LE NORMAN OPERATING LLC
4700 GAILLARDIA PKWY STE 200
OKLAHOMA CITY, OK 73142-1839

BETTY SITES
10851 N. 1750 ROAD
SWEETWATER OK 73666

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

Name	Depth	Name	Depth
1 HOGSHOOTER	11835	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 587783

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800814
201800815
201800813

Special Orders:

Total Depth: 21800

Ground Elevation: 2102

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 520

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 35000 Average: 8000

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 OTHER HSA

Pit Location Formation: DOXEY

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

PERMIT NO: 18-33881

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is OTHER HSA

Pit Location Formation: DOXEY

HORIZONTAL HOLE 1

Sec 15 Twp 11N Rge 25W County ROGER MILLS

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 250

Feet From: WEST 1/4 Section Line: 700

Depth of Deviation: 10863

Radius of Turn: 573

Direction: 355

Total Length: 10036

Measured Total Depth: 21800

True Vertical Depth: 11835

End Point Location from Lease,

Unit, or Property Line: 250

Notes:

Category

Description

DEEP SURFACE CASING

2/7/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

2/7/2018 - 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: OCCWEB.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

MEMO

2/7/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201800813

2/27/2018 - G57 - (640) 22-11N-25W
VAC 467554 MOUGW
EST HGSR, OTHERS
REC 2-23-2018 (M. PORTER)

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.

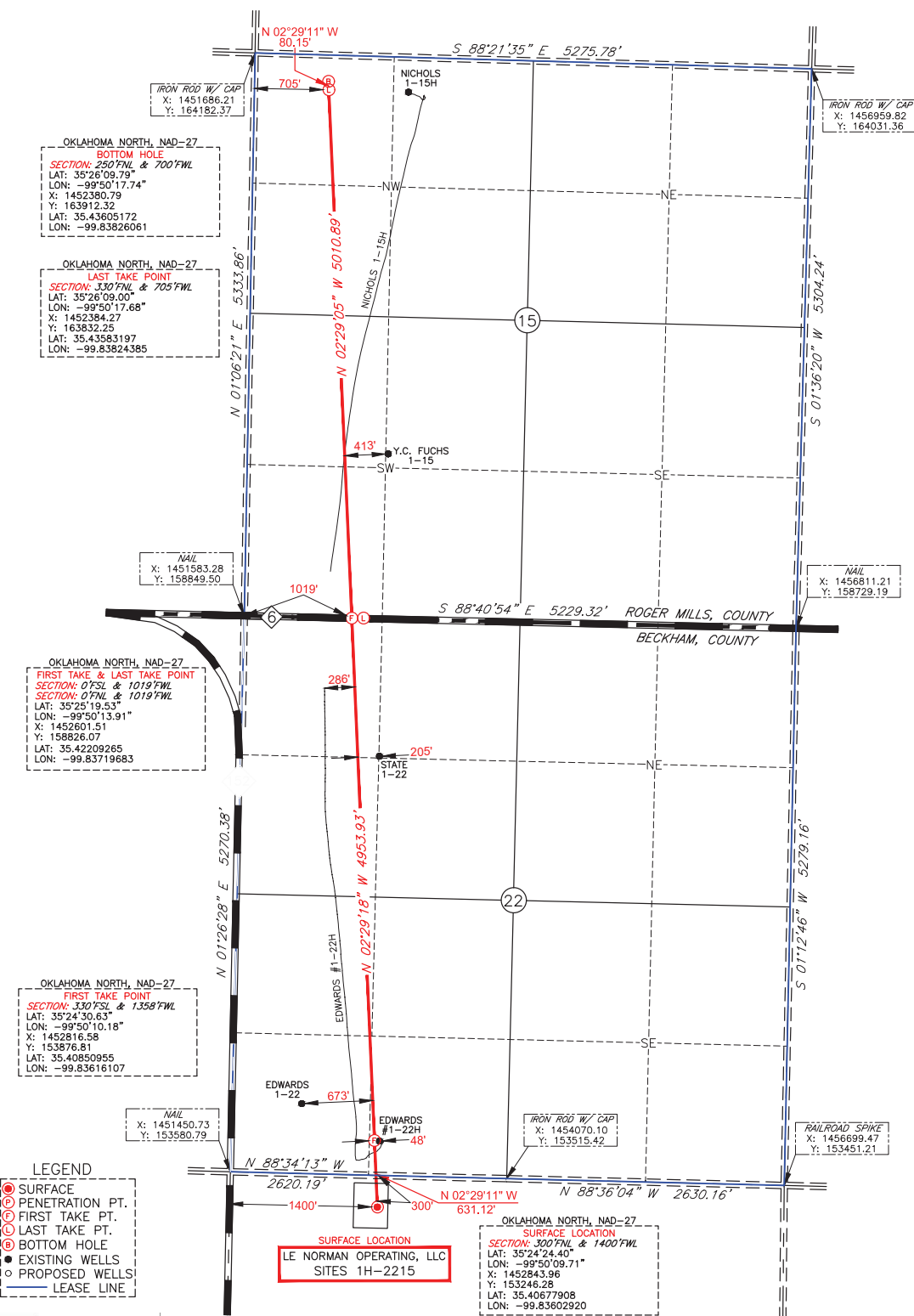
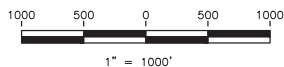
009 21990 SITES 1H-2215

Category	Description
PENDING CD - 201800814	2/27/2018 - G57 - (I.O.) 22 & 15-11N-25W EST MULTIUNIT HORIZONTAL WELL X201800813 HGSR 22-11N-25W X587783 HGSR 15-11N-25W 50% 22-11N-25W 50% 15-11N-25W LE NORMAN OPERATING, LLC. REC 2-23-2018 (M. PORTER)
PENDING CD - 201800815	2/27/2018 - G57 - (I.O.) 15-11N-25W X201800813 HGSR 22-11N-25W X587783 HGSR 15-11N-25W SHL (27-11N-25W) 300' FNL, 1400' FWL COMPL. INT. (22-11N-25W) NCT 330' FSL, NCT 1000' FWL & NCT 0' FNL, NCT 800' FWL COMPL. INT. (15-11N-25W) NCT 0' FSL, NCT 800' FWL & NCT 330' FNL, NCT 660' FWL NO OP. NAMED REC 2-23-2018 (M. PORTER)
SPACING - 587783	2/27/2018 - G57 - (640)(HOR) 15-11N-25W VAC OTHER EST HGSR, OTHERS POE TO BHL NCT 660' FB

PROPOSED LOCATION PLAT

API: 009 21990

COMPANY: LE NORMAN OPERATING, LLC LEASE NAME: SITES 1H-2215
 SECTION: 27 TOWNSHIP: T-11-N RANGE: R-25-WIM ELEVATION: 2102'GR
 COUNTY: BECKHAM STATE: OK FOOTAGES: 300'FNL & 1400'FWL
 DIRECTION: ±4 MILES SOUTHEAST OF SWEETWATER, OK
 TOPOGRAPHY & VEGETATION: PASTURE
 BEST ACCESSIBILITY: FROM LEASE ROAD TO THE NORTH



LEGEND
 ● SURFACE
 ○ PENETRATION PT.
 ○ FIRST TAKE PT.
 ○ LAST TAKE PT.
 ○ BOTTOM HOLE
 ● EXISTING WELLS
 ○ PROPOSED WELLS
 — LEASE LINE



FILE: ORFS-700-164

DATE: 1-23-18

SURVEYED BY: B.J.S.

DRAWN BY: K.Y.

CHECKED BY: C.L.

REVISION:

1	K.Y. RESTAKED WELL
2	
3	
4	
5	

I, CODI LAMBERSON, HEREBY STATE THAT THE LOCATION PLAT SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED BY ME OR UNDER MY SUPERVISION.

Codi Lamberson
 JANUARY 25, 2018

CODI LAMBERSON, P.L.S. 1963
 SURVEYED ON GROUND: JANUARY 23, 2018



(CA-7824 LS 7/31/2018)
 1503 S. BARNES, PAMPA, TX 79065
 O: 806.665.0770
 39350 IH-10 WEST, BOERNE, TX 78006
 O: 830.816.5009



NOTE:
 BEARINGS, DISTANCES & COORDINATES BASED ON OKLAHOMA
 STATE PLANE COORDINATE SYSTEM
 GPS OBSERVATION, OK NORTH ZONE, NAD-27
 GRID, US SURVEY FEET