

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

API NUMBER: 051 24081

Approval Date: 11/14/2016
Expiration Date: 05/14/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 10N Rge: 6W

County: GRADY

SPOT LOCATION: NE SE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 925 1100

Lease Name: DREAM COOLER 12-13-10-6

Well No: 2XH

Well will be 925 feet from nearest unit or lease boundary.

Operator Name: LINN OPERATING INC

Telephone: 4052412237; 4052412

OTC/OCC Number: 22182 0

LINN OPERATING INC
14701 HERTZ QUAIL SPRINGS PKWY
OKLAHOMA CITY, OK 73134-2641

WHB CATTLE, L.P. FORMERLY W.H. BRAUM FAMILY L.P.
3000 NE 63RD STREET
OKLAHOMA CITY OK 73121

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9200	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 653152

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601535
201603517
201603516

Special Orders:

Total Depth: 19436

Ground Elevation: 1208

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 40

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: Yes

Surface Water used to Drill: No

PIT 1 INFORMATION

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 16-31793

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 12 Twp 10N Rge 6W County CANADIAN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 230

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9005

Radius of Turn: 175

Direction: 358

Total Length: 10156

Measured Total Depth: 19436

True Vertical Depth: 9236

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

Notes:

Category

Description

DEEP SURFACE CASING

11/8/2016 - 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

11/8/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

MEMO

11/8/2016 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201601535

11/8/2016 - G64 - (640)(HOR) 12-10N-6W
EST MSSP, OTHER
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST SP. ORDER 242971 MISS & ORDER 237454 MISS)
REC. 11-3-2016 (LEAVITT)

PENDING CD - 201603516

11/8/2016 - G64 - (I.O.) 12 & 13-10N-6W
X201601535 MSSP, OTHER
X653152 MSSP, OTHER
COMPL. INT. (13-10N-6W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL
COMPL. INT. (12-10N-6W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL
NO OP. NAMED
REC. 11-3-2016 (LEAVITT)

This permit does not address the right of entry or settlement of surface damages.

051 24081 DREAM COOLER 12-13-10-6 2XH

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
PENDING CD - 201603517	11/8/2016 - G64 - (E.O.) 12 & 13-10N-6W EST MULTIUNIT HORIZONTAL WELL X201601535 MSSP, OTHER X653152 MSSP, OTHER 50% 12-10N-6W 50% 13-10N-6W NO OP. NAMED REC. 11-3-2016 (LEAVITT)
SPACING - 653152	11/8/2016 - G64 - (640)(HOR) 13-10N-6W EXT 643197 MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER 242971 MISS)

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.

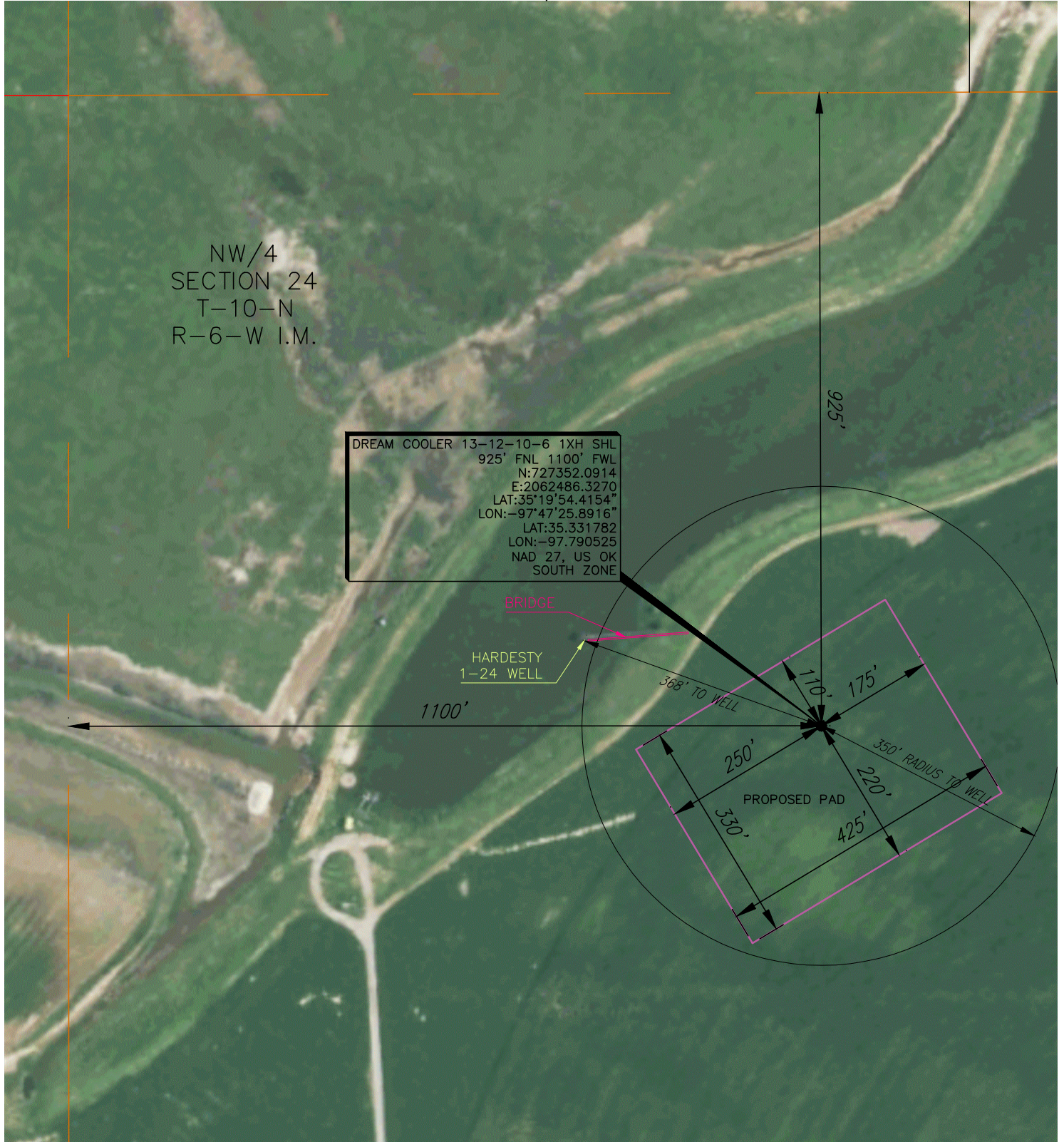


API: 051 24081

PROPOSED DRILLING PAD
LINN OPERATING, INC
DREAM COOLER 13-12-10-6 1XH
MINCO FIELD

SHL: 925' FNL 1100' FWL (OFFSITE IN SECTION 24)
SECTION 13, TOWNSHIP 10 NORTH, RANGE 6 WEST
INDIAN MERIDIAN

LEASE LINES
SHL: 925' FSL & 1100' FWL
GRADY COUNTY, OKLAHOMA

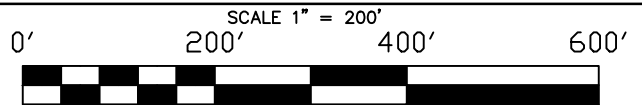


NOTE:

1. COMBINED SCALE FACTOR: 0.999947069
2. SHL IS APPROXIMATELY 3.08 MILES N 23°06'26" E OF TUTTLE OKLAHOMA.

FILE: S:\OK\GRADY\PROJECTS\GRADY MAIN NAD27_OK S_G09US.dwg

STAKED WELL: 9/15/16
DETAILED SITE SURVEY: 11/04/16



REV: - JOB NO.: 16-0204, 16-0205 FIELD BOOK: SERVER DRAWN BY: EM

LEGEND	
● POINT	PROPOSED IMPROVEMENT
⊙ SURFACE HOLE LOCATION	SURVEY BASELINE
⊙ PENETRATION POINT	EXISTING RIGHT-OF WAY
⊙ FIRST TAKE POINT	EXISTING ROADS
⊙ LAST TAKE POINT	SECTION LINE
⊙ BHL	
⊙ OCC	
⊙ SURFACE LOCATION OBTAINED FROM OCC	
⊙ OKLAHOMA CORPORATION COMMISSION	

John F. Watson & Company
 LAND & DEVELOPMENT SERVICES
 PROFESSIONAL LAND SURVEYORS
 200 N. Loraine, Ste. 220 off. (432) 520-2400
 Midland, Texas 79701 fax. (432) 520-2404
 jwatson@windearthwater.com mob. (432) 528-0074
 TX LS FIRM #101173-00

CA #5957 EXPIRATION 6-30-2017
 200 N LORAIN #220
 MIDLAND, TX 79701
 (432) 520-2400

NOTE:

1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 27 US OK SOUTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.
2. ELEVATIONS ARE BASED ON NAVD 88.
3. THIS IS NOT A BOUNDARY SURVEY.
4. VISIBLE AND OBSERVABLE STRUCTURES AND WATER WELLS WITHIN A 350' RADIUS SHOWN HEREON.

11/04/16

SHEET 1 OF 2