

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 A

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

Horizontal Hole Oil & Gas

Amend reason: CHANGE SURFACE LOCATION AND WELL NAME

AMEND PERMIT TO DRILL

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

County: GRADY

SPOT LOCATION: SE SE NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1158 1100

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

Well No: 2XH

Well will be 1100 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:

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 12-10N-6W
X653152 MSSP, OTHER 13-10N-6W
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.

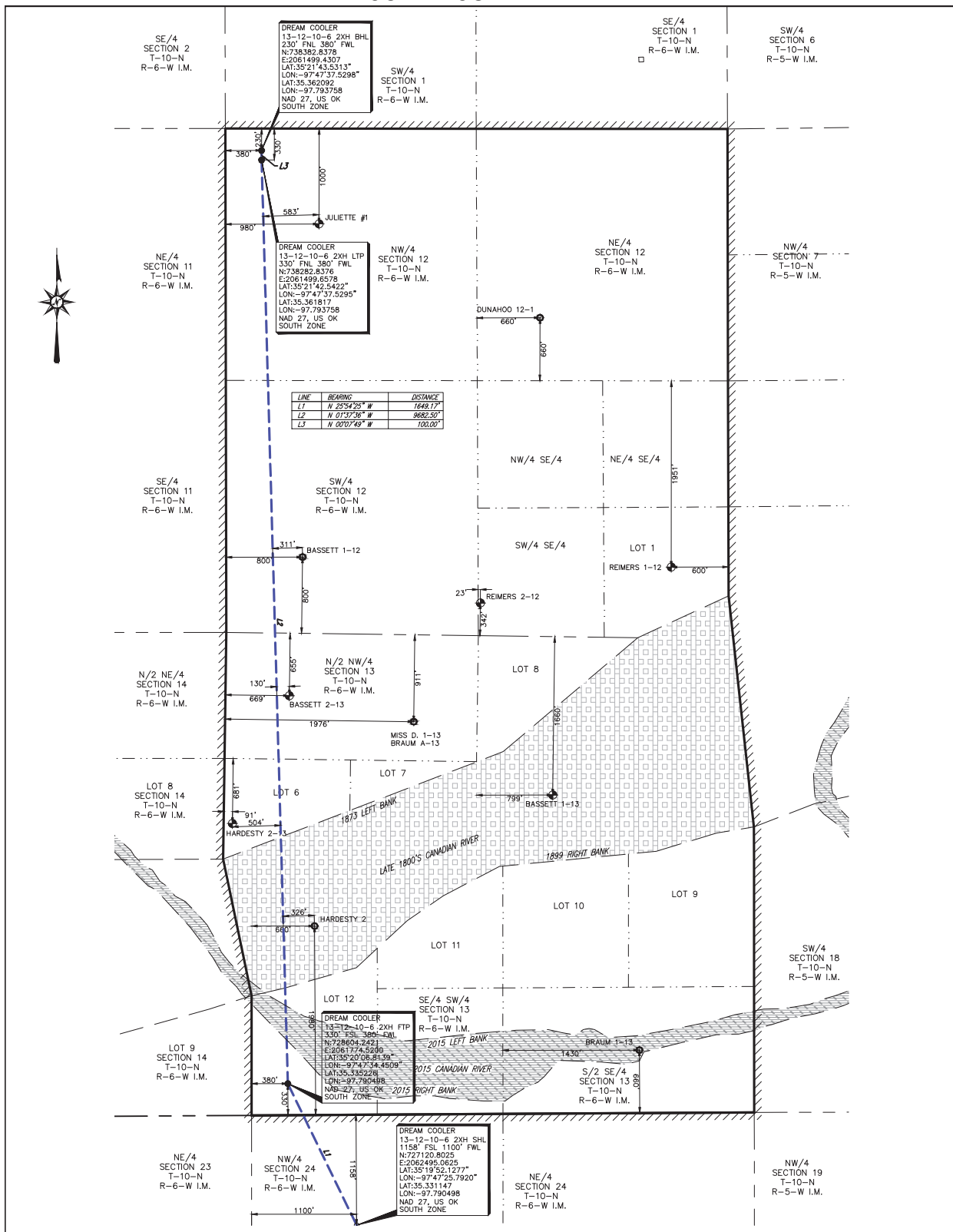
051 24081 DREAM COOLER 13-12-10-6 2XH

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)

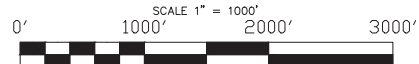
This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



RIVER SURVEY NOTE:
 THE SECTION BOUNDARY SHOWN HEREON REPRESENTS THE CORRELATION BETWEEN THE SECTION CORNERS FOUND OF RECORD AND THE ORIGINAL GLO SURVEYS OF 1873 & 1874 NORTH BANK OF THE RIVER AND 1889 SOUTH BANK OF THE RIVER. DUE TO THE MOVEMENT OF THE CANADIAN RIVER AND THE INSTABILITY OF ITS BANKS THE EXACT BOUNDARY OF THE GOVERNMENT LOTS IS NOT REPRESENTED HEREON. THERE MAY BE RIGHTS TO TITLE THAT ARE SUBSTANTIALLY AFFECTED BY REVISION LAW RELATED TO THE CHANGE IN THE COURSE OF THE RIVER. LEGAL COUNSEL SHOULD BE SOUGHT BEFORE RELYING ON THE INFORMATION SHOWN HEREON RELATING TO THE DIVISION OF ACTUAL PROPERTY RIGHTS. ADDITIONALLY THE ORIGINAL GLO SURVEYS STATED ABOVE NEVER CROSSED SAID RIVER.

NOTE:
 1. COMBINED SCALE FACTOR: 0.999953993
 2. SHL IS APPROXIMATELY 3.04 MILES N 23°27'37" E OF TUTTLE OKLAHOMA.

PERMIT PLAT OF
 LINN OPERATING, INC
DREAM COOLER 13-12-10-6 2XH
 MINCO FIELD
SHL: 1158' FNL & 1100' FWL (OFFSITE IN SECTION 24)
 SECTIONS 12 & 13, TOWNSHIP 10 NORTH, RANGE 6 WEST IM.
LEASE LINES
SHL: 1158' FSL & 1100' FWL
 SECTION 13, TOWNSHIP 10 NORTH, RANGE 6 WEST
 GRADY/CANADIAN COUNTY, OKLAHOMA



<p>LEGEND</p> <ul style="list-style-type: none"> ● POINT ○ SURFACE HOLE LOCATION ○ PENETRATION POINT ○ FIRST TAKE POINT ○ LTP ○ BHL ○ OCC ○ SURFACE LOCATION OBTAINED FROM OCC ○ OKLAHOMA CORPORATION COMMISSION <p>John F. Watson & Company LAND & DEVELOPMENT SERVICES PROFESSIONAL LAND SURVEYORS 200 N. LORRAINE, Ste. 220 MIDLAND, TEXAS 79701 TEL: (432) 520-2400 FAX: (432) 520-2401 WWW: JFWATSON.COM</p>	<p>CA#5957 EXPIRATION 6-30-2017 200 N LORRAINE #220 MIDLAND, TX 79701 (432) 520-2400</p>	<p>ORIGINAL STATE DATE: 09/15/16 MOVED SHL DATE: 11/23/16 RESTAKED DATE: 12/28/16 ADDED LATERAL DATE: 01/10/17 CHANGED WELL NAME: 01/16/17 CHANGED SHL CALLS: 02/01/17</p> <p>REV: 2 AFE NO: - JOB NO: 16-XXXX FIELD BOOK: SERVER VER: 1 DRAWN BY: EHM</p>	<p>NOTE: 1. BEARINGS, DISTANCES & ACRES ARE GRID, NAD 27 US OK SOUTH ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES. ELEVATIONS ARE BASED ON NAVD 83. 2. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND IS NOT A BOUNDARY SURVEY. 3. LOCATION OF ADJOINING WELLS OUTSIDE LEASE BOUNDARY ARE APPROXIMATED FROM OKLAHOMA CORPORATION COMMISSION DATA. 4. DOWNHOLE INFORMATION PROVIDED BY THE CLIENT. 5. THIS SURVEY COMPLES WITH THE PUBLIC LAND SURVEY SYSTEM AND MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, EFFECTIVE JULY 15, 2015. 6. THIS IS NOT A BOUNDARY SURVEY. 7. THIS PERMIT PLAT HAS BEEN PREPARED FROM A SURVEY PLAT ON FILE IN THE OFFICE OF JOHN F. WATSON & COMPANY, MIDLAND TEXAS. 8. THE UNDERSIGNED DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ONE-OR-MORE SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> <p>02/01/17</p>
---	---	--	--