

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

API NUMBER: 129 24117

Approval Date: 04/09/2018
Expiration Date: 10/09/2018

Straight Hole Disposal

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 11N Rge: 23W County: ROGER MILLS
SPOT LOCATION: SW SW NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1648 1343

Lease Name: BERLIN SWD Well No: 1-13 Well will be 173 feet from nearest unit or lease boundary.
Operator Name: DISPOSAL SYSTEMS LLC Telephone: 4054182799 OTC/OCC Number: 24184 0

DISPOSAL SYSTEMS LLC
1021 NW GRAND BLVD
OKLAHOMA CITY, OK 73118

HUTSON FAMILY TRUST
19471 EAST 1130 ROAD
ELK CITY OK 73644

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

Name	Depth	Name	Depth
1 BROWN DOLOMITE	4675	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: 5600 Ground Elevation: 2085 **Surface Casing: 1000** Depth to base of Treatable Water-Bearing FM: 760

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No 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: 8000 Average: 5000

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 BED AQUIFER

Pit Location Formation: ELK CITY

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33806
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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.

Category

Description

HYDRAULIC FRACTURING

4/5/2018 - 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

SPACING

4/5/2018 - G71 - N/A - DISPOSAL WELL

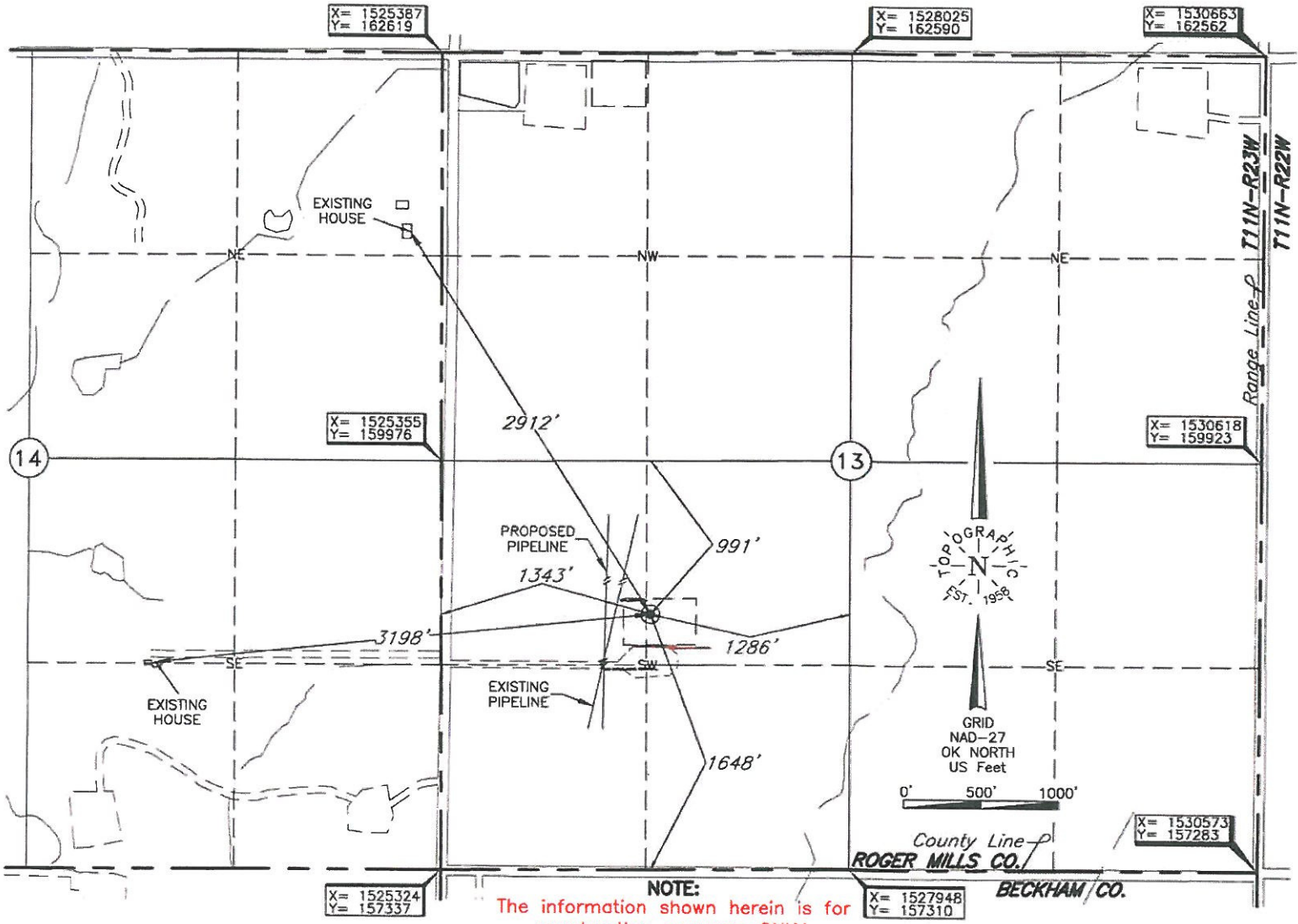
This permit does not address the right of entry or settlement of surface damages.

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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.

129 24117 BERLIN SWD 1-13

ROGER MILLS County, Oklahoma
 1648' FSL - 1343' FWL Section 13 Township 11N Range 23W I.M.



NOTE:
 The information shown herein is for construction purposes ONLY.

Operator: Disposal Systems LLC
 Lease Name: Bertin SWD

Well No.: 1-13

ELEVATION:

2085' Gr. at Stake

Topography & Vegetation Loc. fell in terraced field, ±227' SE of NE-SW pipeline; ±2912' SE of existing house; ±3198' NE of existing house

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From West off county road

Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 283 and St. Hwy. 6, go ±3.5 mi. East, then ±1.0 mi. North to the SW Cor. of Sec. 13-T11N-R23W.

DATUM: NAD-27
 LAT: 35°25'33.9"N
 LONG: 99°35'19.0"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1526686
 Y: 158971

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy

Revision A Date of Drawing: Mar. 22, 2018
 Invoice # 289813 Date Staked: Mar. 21, 2018 AC

CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
 Oklahoma Lic. No. 1433

