

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

API NUMBER: 039 22526

Approval Date: 01/24/2018
Expiration Date: 07/24/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 14N Rge: 15W County: CUSTER
SPOT LOCATION: NW NW NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 206 228

Lease Name: CAMPBELL UNIT Well No: 3-6H Well will be 206 feet from nearest unit or lease boundary.
Operator Name: CRAWLEY PETROLEUM CORPORATION Telephone: 4052329700 OTC/OCC Number: 7980 0

CRAWLEY PETROLEUM CORPORATION
105 N HUDSON AVE STE 800
OKLAHOMA CITY, OK 73102-4803

LARRY A. & DONNA S. GORSHING, TRUSTEES
BOX 186
CLINTON OK 73601

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

Name	Depth	Name	Depth
1 COTTAGE GROVE	8575	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 526342

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704871

Special Orders:

Total Depth: 13600

Ground Elevation: 1676

Surface Casing: 1200

Depth to base of Treatable Water-Bearing FM: 340

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: 12000 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: RUSH SPRINGS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-33733
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - DEER CREEK)

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.

HORIZONTAL HOLE 1

Sec 06 Twp 14N Rge 15W County CUSTER

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 180

Feet From: WEST 1/4 Section Line: 600

Depth of Deviation: 7991

Radius of Turn: 750

Direction: 4

Total Length: 4431

Measured Total Depth: 13600

True Vertical Depth: 8614

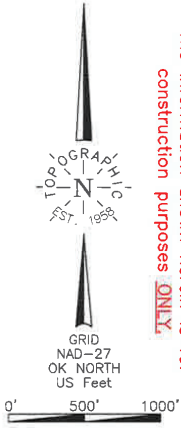
End Point Location from Lease,
Unit, or Property Line: 180

Notes:

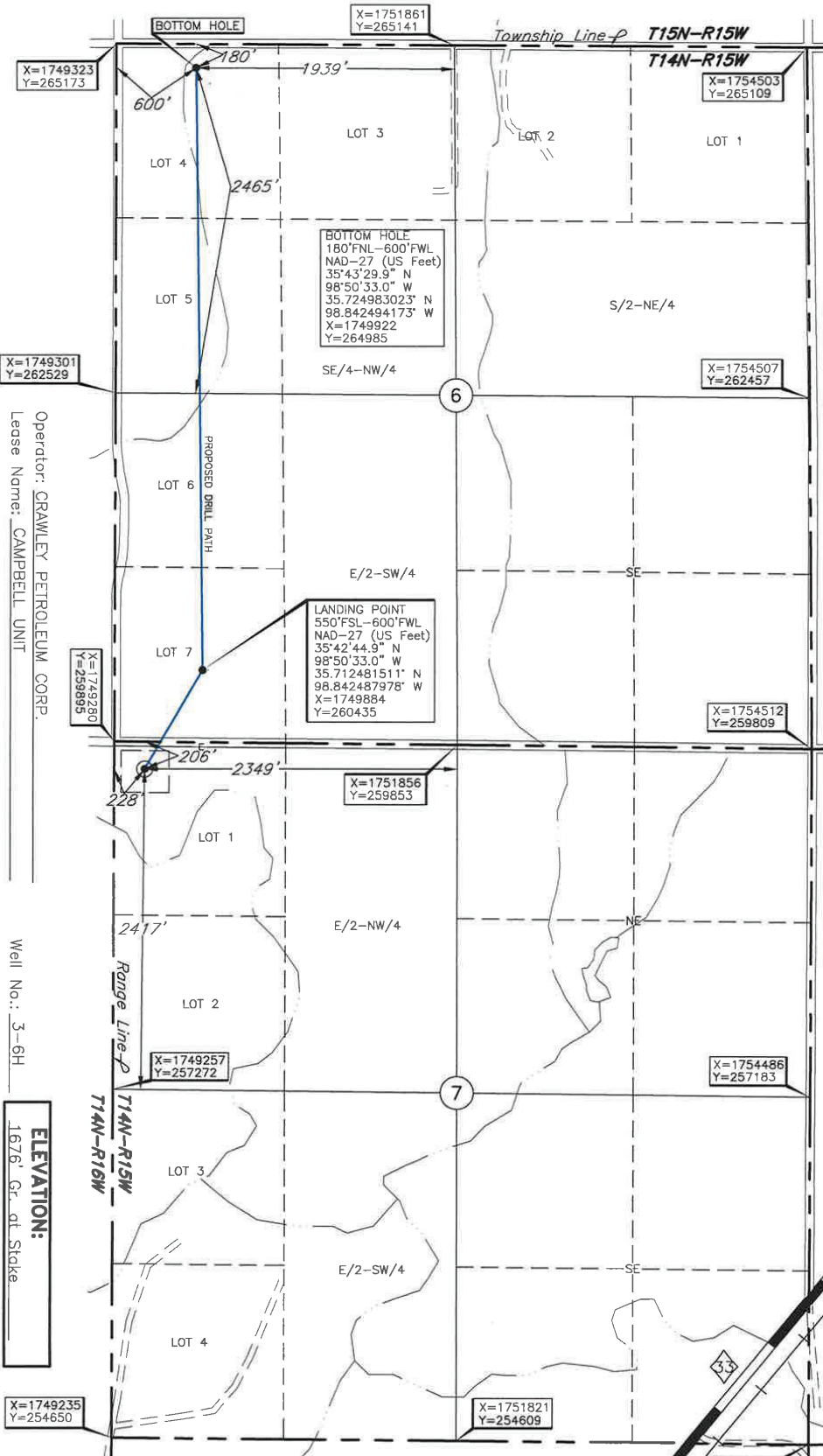
Category	Description
DEEP SURFACE CASING	1/12/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	1/12/2018 - G71 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF 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
PENDING CD - 201704871	1/19/2018 - G75 - (I.O.) 6-14N-15W X526342 CGGV COMPL. INT. NCT 165' FSL, NCT 192' FNL, NCT 330' FWL NO OP. NAMED REC 11-2-2017 (MINMIER)
SPACING - 526342	1/19/2018 - G75 - (640) 6-14N-15W EXT 206904 CGGV, OTHERS
SURFACE CASING	1/12/2018 - G71 - MIN. 500' PER ORDER # 42589

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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.

CUSTER County, Oklahoma
 206' FNL - 228' FWL Section 7 Township 14N Range 15W 1.M.



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



LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Operator: CRAWLEY PETROLEUM CORP.
 Lease Name: CAMPBELL UNIT
 Topography & Vegetation: Loc. fall in plowed field, ±172' North to overhead power line, ±200' East of N-S fence
 Well No.: 3-6H
 ELEVATION: 1676' Gr. at Stake
 Good Drill Site? Yes
 Reference Stakes or Alternate Location: Stakes Set None
 Best Accessibility to Location: From North of county road
 Distance & Direction: From Custer City, OK, go ±4.0 mi. NE on St. Hwy. 33 to county road NS 2440, then ±1.5 mi. West to the NW Cor. of Sec. 7-T14N-R15W

Revision A Date of Drawing: Jan. 19, 2018
 Invoice # 275498 Date Staked: May 05, 2017 AC

DATUM: NAD-27
 LAT: 35°42'37.5"N
 LONG: 98°50'37.5"W
 LAT: 35.710412347° N
 LONG: 98.843739917° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1749506
 Y: 259685

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

