

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

API NUMBER: 019 26158

Approval Date: 12/22/2014
Expiration Date: 06/22/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 3S Rge: 3W

County: CARTER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 660

Lease Name: HOWRY TRUST

Well No: 1-20H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349000; 4052349

OTC/OCC Number: 3186 0

CONTINENTAL RESOURCES INC
PO BOX 269000
OKLAHOMA CITY, OK 73126-9000

PATRICIA A. HOWRY
PO BOX 1967
LEXINGTON OK 73051

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

	Name	Depth	Name	Depth
1	SPRINGER	9614	6	
2	CANEY	11369	7	
3			8	
4			9	
5			10	

Spacing Orders: 611913

Location Exception Orders: 201408547

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16048

Ground Elevation: 1011

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 840

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

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

PERMIT NO: 14-28845

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: ON SITE
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: 3
Liner required for Category: 3
Pit Location is BED AQUIFER
Pit Location Formation: WELLINGTON

HORIZONTAL HOLE 1

Sec 20 Twp 3S Rge 3W County CARTER
Spot Location of End Point: N2 N2 NE NE
Feet From: NORTH 1/4 Section Line: 50
Feet From: EAST 1/4 Section Line: 660
Depth of Deviation: 10760
Radius of Turn: 477
Direction: 360
Total Length: 4538
Measured Total Depth: 16048
True Vertical Depth: 11369
End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Table with 2 columns: Category, Description. Rows include DEEP SURFACE CASING, LOCATION EXCEPTION - 201408547, MEMO, and SPACING - 611913.

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.

Continental

Well Location Plat

Sec. 20-3S-3W I.M.

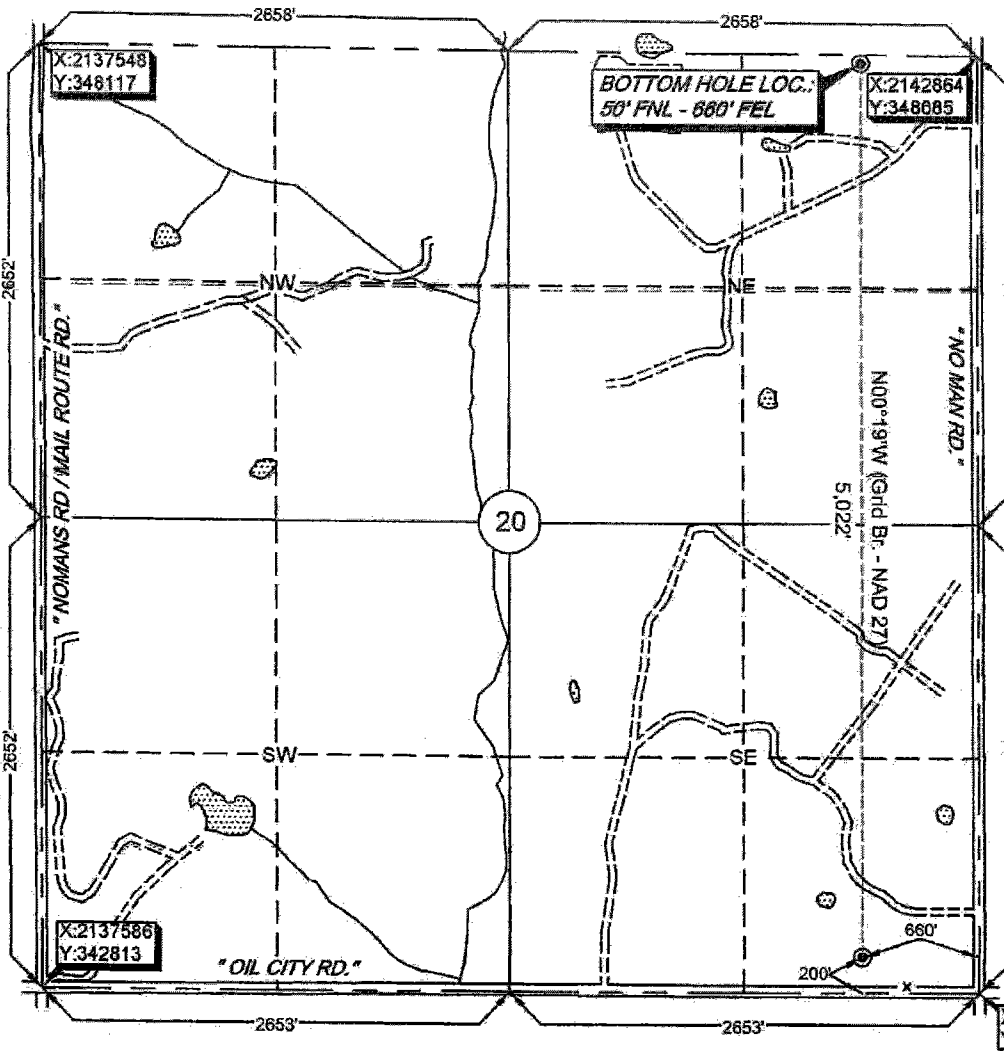
019-26158

Operator: CONTINENTAL RESOURCES, INC.
 Lease Name and No. : HOWRY TRUST #1-20H
 Footage : 200' FSL - 660' FEL GR. ELEVATION : 1011' Good Site? YES
 Section: 20 Township: 3S Range: 3W I.M.
 County : Carter State of Oklahoma
 Alternate Loc. : N/A
 Terrain at Loc. : Stake fell in open, flat passture ±178' North of East-West fence.



Accessibility : From the North.
 Directions : From the junction of Highway 53 & Highway 76 South of Fox, OK, go 3.0 miles South on Highway 76, then 2.0 miles West on Hwy 53, then 2.0 miles South on "No Man Rd." to the Southeast Corner of Section 20-3S-3W.

NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
 Quarter Section distances may be assumed from a Government Survey Plat or assumed as a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



GPS DATUM
 NAD - 27
 OK SOUTH ZONE

Surface Hole Loc.:
 Lat: 34°16'30.04"N
 Lon: 97°31'45.14"W
 X: 2142232
 Y: 343018

Bottom Hole Loc.:
 Lat: 34°17'19.72"N
 Lon: 97°31'45.19"W
 X: 2142204
 Y: 348039

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.

survey and plat by,
Arkoma Surveying and Mapping, PLLC
 P.O. Box 238 Wilburton, OK 74578
 Ph. 918-465-5711 Fax 918-465-5030
 Certificate of Authorization No. 5348
 Expires June 30, 2016.

Certification:
 This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice # 5017
 Date Staked : 10/15/14 By: C.K.
 Date Drawn : 10/20/14 By: J.H.
 Add B.H.L. : 11/11/14 By: R.S.

Stan Drannon 11/11/14
STAN DRANNON OK LPLS 1672

