API NUMBER: 137 27372

Horizontal Hole Oil & Gas

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

Approval Date: 10/31/2014
Expiration Date: 04/30/2015

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 1N Rge: 5W County: STEPHENS

SPOT LOCATION: SW SW SW SW

FEET FROM QUARTER: FROM **SOUTH** FROM **WEST**

SECTION LINES: **300** **220**

Lease Name: DAUBE **Well No: 1-22H** **Well will be 220 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

GARY H. SHORES
2 CHATEAU COURT
WICHITA FALLS TX 76302

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

	Name	Depth		Name	Depth
1	SYCAMORE	11708	6		
2	WOODFORD	12100	7		
3			8		
4			9		
5			10		

Spacing Orders: 162763

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201405455
201405456

Special Orders:

Total Depth: 22496 Ground Elevation: 1207 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 770

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

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: DUNCAN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28103

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: DUNCAN

HORIZONTAL HOLE 1

Sec 22 Twp 1N Rge 5W County STEPHENS

Spot Location of End Point: N2 NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 11878

Radius of Turn: 478

Direction: 1

Total Length: 4980

Measured Total Depth: 22496

True Vertical Depth: 12606

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category	Description
DEEP SURFACE CASING	10/31/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
MEMO	10/31/2014 - G71 - PIT 2 - 20-MIL PIT LINER REQUIRED, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201405455	10/31/2014 - G91 - (I.O.)(640) 22-1N-5W VAC VARIOUS OTHERS EXT 625548 WDFD, OTHERS EXT OTHERS POE TO BHL NCT 660' FB REC. 8-11-2014 (OSBURN)
PENDING CD - 201405456	10/31/2014 - G91 - (I.O.) 22-1N-5W X 201405455 WDFD, OTHERS** 1ST PERF NCT 150 FNL, NCT 330 FWL LAST PERF NCT 150 FSL, NCT 330 FWL REC. 8-11-2014 (OSBURN) **S/B X 162763 SCMR ALSO; TO BE ADDED IN FINAL ORDER PER OPERATOR**
SPACING - 162763	10/31/2014 - G91 - (640) 22-1N-5W EST SCMR, OTHERS

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

137-27372 Sec. 22-1N-5W I.M.

Operator: CONTINENTAL RESOURCES, INC.
Lease Name and No. : DAUBE #1-22H
Footage : 300' FSL - 220' FWL GR. ELEVATION : 1207' Good Site? YES
Section: 22 Township: 1N Range: 5W I.M.
County : Stephens State of Oklahoma
Alternate Loc. : N/A
Terrain at Loc. : Stake fell in heavily wooded area.

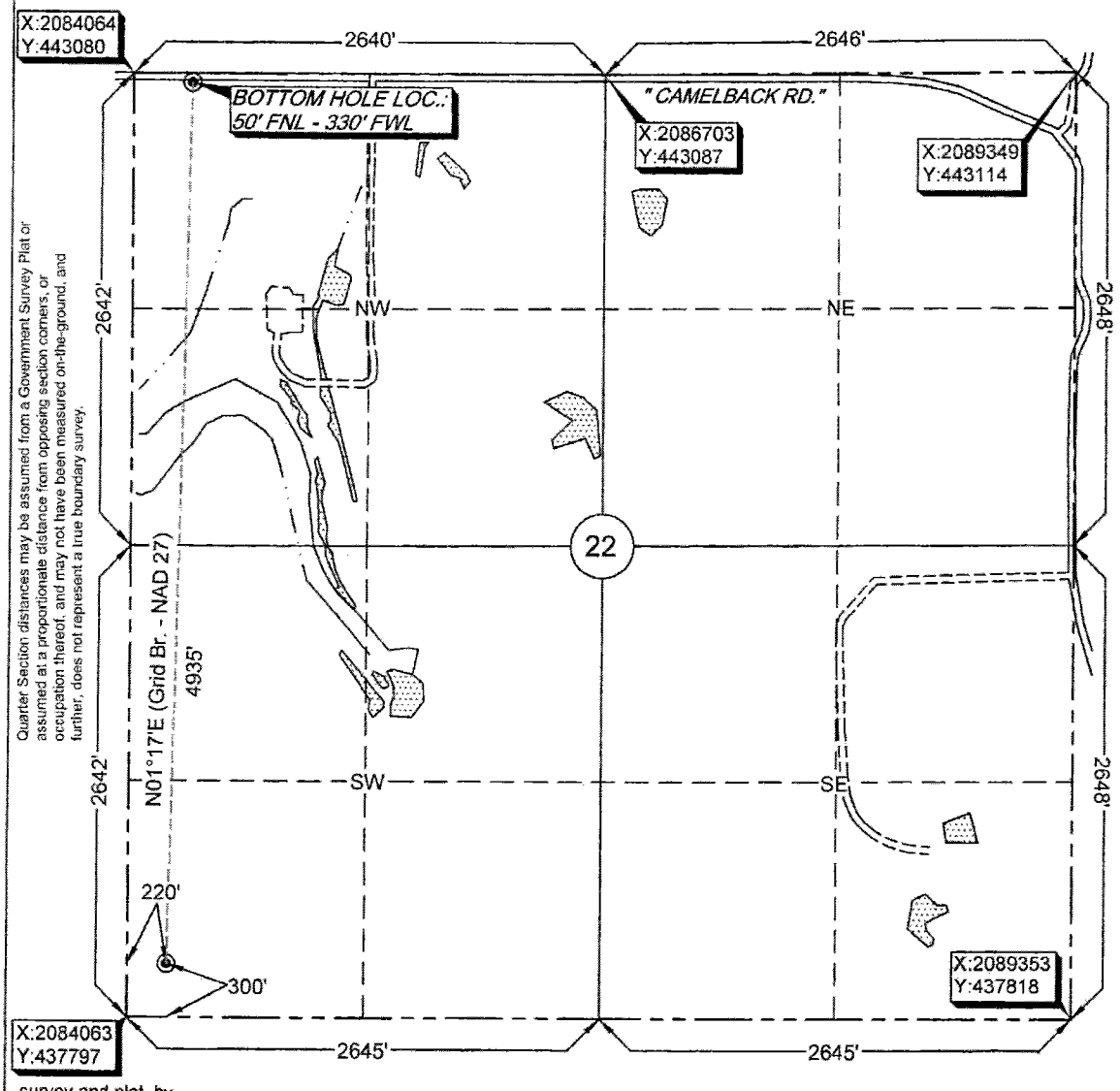
Accessibility : From the East.
Directions : From the junction of State Highway 76 & State Highway 29 in Doyle, OK, go 7.0 miles West on Hwy 29, go 6.0 miles South on "NS 2960 Road" to the Northwest Corner of Section 22-1N-5W.

0' 500' 1000' 1500'
1"=1000'

GPS DATUM
NAD - 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°32'12.75"N
Lon: 97°43'12.52"W
X: 2084283
Y: 438098

Bottom Hole Loc.:
Lat: 34°33'01.55"N
Lon: 97°43'11.03"W
X: 2084394
Y: 443031



Quarter Section distances may be assumed from a Government Survey Plat or assumed at 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.

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
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.

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

Invoice # 4763
Date Staked : 07/23/14 By : C.K.
Date Drawn : 07/24/14 By : J.H.

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.

7/28/14
STAN DRANNON OK LPLS 1672

LICENSED PROFESSIONAL LAND SURVEYOR
STAN DRANNON
1672
OKLAHOMA