

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

API NUMBER: 019 26355

Approval Date: 12/10/2019

Expiration Date: 06/10/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 06 Twp: 2S Rge: 2W

County: CARTER

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 370 345

Lease Name: BRYANT

Well No: 2-6-7XHS

Well will be 345 feet from nearest unit or lease boundary.

Operator Name: CONTINENTAL RESOURCES INC

Telephone: 4052349020; 4052349

OTC/OCC Number: 3186 0

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

MARY HORTON
PO BOX 31
RATLIFF CITY OK 73481

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

	Name	Depth	Name	Depth
1	SYCAMORE	8833	6	
2	WOODFORD	9253	7	
3			8	
4			9	
5			10	

Spacing Orders: 572832
557802

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905483
201905485
201905486
201905480
201905481

Special Orders:

Total Depth: 18512

Ground Elevation: 1073

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 1070

Deep surface casing has been approved

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: 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 BED AQUIFER

Pit Location Formation: GARBER

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

PERMIT NO: 19-37105

H. SEE MEMO

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

The duration of this permit is 18 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 BED AQUIFER

Pit Location Formation: GARBER

HORIZONTAL HOLE 1

Sec 07 Twp 2S Rge 2W County CARTER

Spot Location of End Point: S2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 8499

Radius of Turn: 400

Direction: 180

Total Length: 9385

Measured Total Depth: 18512

True Vertical Depth: 9253

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

Notes:

Category

Description

DEEP SURFACE CASING

11/27/2019 - 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

11/27/2019 - 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

MEMO

11/27/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201905480

12/3/2019 - GC2 - (640) 6-2S-2W
EXT 580767 WDFD, OTHER
REC. 12-9-2019 (MILLER)

PENDING CD - 201905481

12/3/2019 - GC2 - (640) 7-2S-2W
ST WDFD, OTHER
REC. 12-9-2019 (MILLER)

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

019 26355 BRYANT 2-6-7XHS

The duration of this permit is 18 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.

PENDING CD - 201905483	12/3/2019 - GC2 - (I.O.) 6 & 7-2S-2W EST MULTIUNIT HORIZONTAL WELL X572832 SCMR 6-2S-2W X557802 SCMR 7-2S-2W X201905480 WDFD 6-2S-2W X201905481 WDFD 7-2S-2W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO SCMR) 50% 6-2S-2W 50% 7-2S-2W CONTINENTAL RESOURCES, INC. REC. 12-9-2019 (MILLER)
PENDING CD - 201905485	12/3/2019 - GC2 - (I.O.) 6 & 7-2S-2W X572832 SCMR 6-2S-2W X557802 SCMR 7-2S-2W X201905480 WDFD 6-2S-2W X201905481 WDFD 7-2S-2W COMPL. INT. (6-2S-2W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL*** COMPL. INT. (7-2S-2W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL*** CONTINENTAL RESOURCES, INC. REC. 12-9-2019 (MILLER)
PENDING CD - 201905486	*** S/B FWL; WILL BE FIXED AT HEARING BY ATTORNEY FOR OPERATOR 12/3/2019 - GC2 - (E.O.) 7-2S-2W X557802 SCMR 1 WELL NO OP. NAMED REC. 12-9-2019 (MILLER)
SPACING - 557802	12/3/2019 - GC2 - (640) 7-2S-2W EST SCMR
SPACING - 572832	12/3/2019 - GC2 - (640) 6-2S-2W EXT 557802 SCMR

EXHIBIT: A (8 of 18)
 SHEET: 8.5x14
 SHL: 6-2S-2W
 BHL-1 7-2S-2W
 BHL-2 7-2S-2W



Continental
 RESOURCES

COVER SHEET CONTINUED...

CONTINENTAL RESOURCES, INC.

P.O. BOX 26900 OKLAHOMA CITY, OK 73126 * (T) 1-800-256-8955 (F) 405-234-9253

Section 6 Township 2S Range 2W I.M.

Well: BRYANT 1-6-7XHW

County CARTER State OK

Well: BRYANT 2-6-7XHW

Operator CONTINENTAL RESOURCES, INC.

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE	EXISTING ELEVATION	DESIGN ELEVATION
W1	BRYANT 1-6-7XHW	395391	2164072	34° 25' 07.06" -97° 27' 21.52"	34.418628 -97.455978	400' FNL / 345' FWL (NW/4 SEC 6)	1073.85' / 1072.51'
LP-1	LANDING POINT	395392	2164058	34° 25' 07.06" -97° 27' 21.89"	34.418629 -97.456026	400' FNL / 330' FWL (NW/4 SEC 6)	---
BHL-1	BOTTOM HOLE LOCATION	395272	2164100	34° 23' 26.96" -97° 27' 21.84"	34.390822 -97.456066	50' FSL / 330' FWL (SW/4 SEC 7)	---
W2	BRYANT 2-6-7XHW	395421	2164072	34° 25' 07.36" -97° 27' 21.52"	34.418710 -97.455978	370' FNL / 345' FWL (NW/4 SEC 6)	1073.37' / 1072.51'
LP-2	LANDING POINT	395425	2164718	34° 25' 07.36" -97° 27' 13.82"	34.418710 -97.455838	370' FNL / 990' FWL (NW/4 SEC 6)	---
BHL-2	BOTTOM HOLE LOCATION	395279	2164760	34° 23' 26.99" -97° 27' 13.96"	34.390831 -97.455878	50' FSL / 990' FWL (SW/4 SEC 7)	---
X-1	BRADY #1	395467	2166698	34° 25' 07.67" -97° 26' 50.18"	34.418796 -97.447273	6-2S-2W: TD: 2,802' 338' FNL / 2,371' FEL	---
X-2	WILDCAT JIM PENN UNIT #29 (EAVES #6)	395481	2166764	34° 25' 07.81" -97° 26' 49.39"	34.418835 -97.447053	6-2S-2W: TD: 2,805' 324' FNL / 2,305' FEL	---
X-3	WILDCAT JIM PENN UNIT #47 (BRADY #2)	393345	2168304	34° 24' 46.59" -97° 26' 31.15"	34.412943 -97.441986	6-2S-2W: TD: 1,608' 2,467' FNL / 780' FEL	---
X-4	WILDCAT JIM PENN UNIT #47-3 (EAVES #3)	393504	2167258	34° 24' 48.22" -97° 26' 43.62"	34.413395 -97.445450	6-2S-2W: TD: 2,203' 2,303' FNL / 1,824' FEL	---
X-5	WILDCAT JIM PENN UNIT #31-4 (HIGGINS "D" #4)	395473	2165377	34° 25' 07.80" -97° 27' 05.94"	34.418833 -97.451649	6-2S-2W: TD: 2,700' 325' FNL / 1,650' FWL	---
X-6	WILDCAT JIM PENN UNIT #58-2 (CHARLES E. SEXTON #2)	392182	2168748	34° 24' 35.06" -97° 26' 25.92"	34.409738 -97.440533	6-2S-2W: TD: 3,100' 1,650' FSL / 338' FEL	---
X-7	WILDCAT JIM PENN UNIT #56 (HIGGINS #4)	392167	2166768	34° 24' 35.02" -97° 26' 49.55"	34.409728 -97.447097	6-2S-2W: TD: 2,048' 1,650' FSL / 2,318' FEL	---
X-8	WJPU #60-3 (ED COX #3)	391688	2168922	34° 24' 30.16" -97° 26' 23.87"	34.408379 -97.439965	6-2S-2W: TD: 2,000' 1,155' FSL / 165' FEL	---
X-9	WILDCAT JIM PENN UNIT #64 (HIGGINS #11)	391504	2166055	34° 24' 28.50" -97° 26' 58.11"	34.407917 -97.449478	6-2S-2W: TD: 1,801' 990' FSL / 2310' FWL	---
X-10	HIGGINS "C" #1	390842	2164787	34° 24' 22.02" -97° 27' 13.28"	34.406118 -97.453590	6-2S-2W: TD: 2,416' 330' FSL / 1,040' FWL	---
X-11	WILDCAT JIM PENN UNIT #34 (HIGGINS "D" #3)	394813	2165341	34° 25' 01.27" -97° 27' 06.42"	34.417019 -97.451783	6-2S-2W: TD: 2,750' 885' FNL / 1,610' FWL	---
X-12	WILDCAT JIM PENN UNIT #30 (HIGGINS "D" #8)	395477	2166037	34° 25' 07.80" -97° 26' 58.06"	34.418834 -97.449461	6-2S-2W: TD: 2,500' 324' FNL / 2,310' FWL	---
X-13	HIGGINS "D" #10	393485	2164067	34° 24' 48.20" -97° 27' 21.71"	34.413390 -97.456030	6-2S-2W: TD: 3,809' ±2,307' FNL / ±330' FWL	---
X-14	WJPU #48-1 (SEXTON #1)	392836	2167986	34° 24' 41.57" -97° 26' 34.98"	34.411548 -97.443050	6-2S-2W: TD: 2,307' 2,310' FSL / 1,099' FEL	---
X-15	WJPU #51-3 (HIGGINS #3)	392841	2168766	34° 24' 41.69" -97° 26' 49.54"	34.411580 -97.447094	6-2S-2W: TD: 1,967' ±2,324' FSL / ±2,319' FEL	---
X-16	COX #2	391425	2168488	34° 24' 27.58" -97° 26' 29.08"	34.407662 -97.441410	6-2S-2W: TD: UNKNOWN' 895' FSL / 600' FEL	---
X-17	WJPU #68 (W.P. HIGGINS "A" #5-A)	391018	2167588	34° 24' 23.61" -97° 26' 39.72"	34.406550 -97.444367	6-2S-2W: TD: 1,828' 495' FSL / 1,491' FEL	---
X-18	WJPU #55-20 (HIGGINS, AC #20)	392177	2166108	34° 24' 35.16" -97° 26' 57.43"	34.409766 -97.449285	6-2S-2W: TD: UNKNOWN' 1,663' FSL / 2,386' FWL	---
X-19	WILDCAT JIM PENN UNIT #53 (HIGGINS "AC" #25)	392823	2165390	34° 24' 41.59" -97° 27' 05.96"	34.411552 -97.451656	6-2S-2W: TD: 2,525' 2,310' FSL / 1,650' FWL	---
X-20	WILDCAT JIM PENN UNIT #44 (EAVES #1)	393501	2166763	34° 24' 48.22" -97° 26' 49.53"	34.413394 -97.447091	6-2S-2W: TD: 2,100' 2,304' FNL / 2,319' FEL	---
X-21	WJPU #38-2 (EAVES #2)	394161	2168760	34° 24' 54.75" -97° 26' 49.52"	34.415208 -97.447089	6-2S-2W: TD: 2,103' 1,644' FNL / 2,317' FEL	---
X-22	EAVES "B" #1	393508	2167918	34° 24' 48.22" -97° 26' 35.74"	34.413395 -97.443262	6-2S-2W: TD: 2,493' 2,302' FNL / 1,164' FEL	---
X-23	WJPU #37-4 (EAVES #4)	394040	2167455	34° 24' 53.51" -97° 26' 41.24"	34.414853 -97.444788	6-2S-2W: TD: UNKNOWN' ±1,788' FNL / ±1,824' FEL	---
X-24	WJPU #46-2 (MENA #2)	393488	2167423	34° 24' 48.15" -97° 26' 41.85"	34.413375 -97.444903	6-2S-2W: TD: 2,500' 2,310' FNL / 1,659' FEL	---
X-25	WILDCAT J.P.N. UN #43 (HIGGINS "D" #1)	393497	2166103	34° 24' 48.21" -97° 26' 57.41"	34.413393 -97.449280	6-2S-2W: TD: 2,171' 2,304' FNL / 2,386' FWL	---
X-26	WJPU #39-2 (HIGGINS "D" #2)	394157	2166044	34° 24' 54.74" -97° 26' 58.07"	34.415207 -97.449484	6-2S-2W: TD: 2,263' 1,644' FNL / 2,310' FWL	---
X-27	WJPU #40-6 (HIGGINS "D" #6)	394028	2165476	34° 24' 53.50" -97° 27' 04.85"	34.414880 -97.451348	6-2S-2W: TD: 2,650' ±1,771' FNL / ±1,742' FWL	---
X-28	WJPU #71-3A (HIGGINS #3-A)	390733	2168889	34° 24' 20.72" -97° 26' 24.33"	34.405755 -97.440092	6-2S-2W: TD: UNKNOWN' 200' FSL / 200' FEL	---

Certificate of Authorization No. 7318



Prepared By:
 Petro Land Services South
 10400 Vineyard Blvd.
 Suite C
 Oklahoma City, OK 73120

CURRENT REV.: 1

Log A. William
Oklahoma PLS No.1985 DATE