

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

API NUMBER: 019 26354

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:

400

345

Lease Name: BRYANT

Well No: 1-6-7XHW

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	9363	7	
3	HUNTON	9403	8	
4			9	
5			10	

Spacing Orders: 572832
557802

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201905480
201905481
201905482
201905484

Special Orders:

Total Depth: 18909

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: 19-37104

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 SW SW SW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8954

Radius of Turn: 400

Direction: 180

Total Length: 9327

Measured Total Depth: 18909

True Vertical Depth: 9688

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, HNTN
REC. 12-9-2019 (MILLER)

PENDING CD - 201905481

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

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.

019 26354 BRYANT 1-6-7XHW

PENDING CD - 201905482	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, HNTN 6-2S-2W X201905481 WDFD, HNTN 7-2S-2W (SMCR, HNTN ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD) 50% 6-2S-2W 50% 7-2S-2W CONTINENTAL RESOURCES, INC. REC. 12-9-2019 (MILLER)
PENDING CD - 201905484	12/3/2019 - GC2 - (I.O.) 6 & 7-2S-2W X572832 SCMR 6-2S-2W X557802 SCMR 7-2S-2W X201905480 WDFD, HNTN 6-2S-2W X201905481 WDFD, HNTN 7-2S-2W COMPL. INT. (6-2S-2W) NCT 150' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (7-2S-2W) NCT 0' FNL, NCT 150' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC. 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 (1 of 18)SHEET: 8.5x14SHL: 6-2S-2WBHL-1 7-2S-2WBHL-2 7-2S-2W

Continental

RESOURCES

COVER SHEET

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 1-6-7XHWCounty CARTER State OKWell: BRYANT 2-6-7XHMOperator CONTINENTAL RESOURCES, INC.

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE	EXISTING ELEVATION	DESIGN ELEVATION
W1	BRYANT 1-6-7XHW	395434	2132477	34° 25' 07.37" -97° 27' 22.61"	34.418715 -97.456280	400' FNL / 345' FWL (NW/4 SEC 6)	1073.85' / 1072.51'
LP-1	LANDING POINT	395434	2132463	34° 25' 07.36" -97° 27' 22.78"	34.418716 -97.456329	400' FNL / 330' FWL (NW/4 SEC 6)	---
BHL-1	BOTTOM HOLE LOCATION	385315	2132505	34° 23' 27.27" -97° 27' 22.92"	34.390909 -97.456368	50' FSL / 330' FWL (SW/4 SEC 7)	---
W2	BRYANT 2-6-7XHM	395464	2132477	34° 25' 07.67" -97° 27' 22.61"	34.418797 -97.456280	370' FNL / 345' FWL (NW/4 SEC 6)	1073.37' / 1072.51'
LP-2	LANDING POINT	395467	2133123	34° 25' 07.67" -97° 27' 14.90"	34.418797 -97.454140	370' FNL / 990' FWL (NW/4 SEC 6)	---
BHL-2	BOTTOM HOLE LOCATION	385322	2133165	34° 23' 27.31" -97° 27' 15.05"	34.390918 -97.454180	50' FSL / 990' FWL (SW/4 SEC 7)	---
X-1	BRADY #1	395509	2135102	34° 25' 07.98" -97° 26' 51.27"	34.418883 -97.447575	6-2S-2W: TD: 2,602' 338' FNL / 2,371' FEL	---
X-2	WILDCAT JIM PENN UNIT #29 (EAVES #6)	395524	2135169	34° 25' 08.12" -97° 26' 50.48"	34.418922 -97.447355	6-2S-2W: TD: 2,605' 324' FNL / 2,305' FEL	---
X-3	WILDCAT JIM PENN UNIT #47 (BRADY #2)	393388	2136708	34° 24' 46.91" -97° 26' 32.24"	34.413029 -97.442288	6-2S-2W: TD: 1,608' 2,467' FNL / 780' FEL	---
X-4	WILDCAT JIM PENN UNIT #47-3 (EAVES #3)	393547	2135663	34° 24' 48.53" -97° 26' 44.71"	34.413481 -97.445752	6-2S-2W: TD: 2,203' 2,303' FNL / 1,824' FEL	---
X-5	WILDCAT JIM PENN UNIT #31-4 (HIGGINS "D" #4)	395515	2133782	34° 25' 08.11" -97° 27' 07.03"	34.418920 -97.451952	6-2S-2W: TD: 2,700' 325' FNL / 1,650' FWL	---
X-6	WILDCAT JIM PENN UNIT #50-2 (CHARLES E. SEXTON #25)	392224	2137153	34° 24' 35.37" -97° 26' 27.01"	34.409825 -97.440835	6-2S-2W: TD: 3,100' 1,650' FSL / 338' FEL	---
X-7	WILDCAT JIM PENN UNIT #56 (HIGGINS #4)	392210	2135173	34° 24' 35.33" -97° 26' 50.64"	34.409815 -97.447399	6-2S-2W: TD: 2,048' 1,650' FSL / 2,318' FEL	---
X-8	WJPU #60-3 (ED COX #3)	391731	2137327	34° 24' 30.48" -97° 26' 24.98"	34.408466 -97.440267	6-2S-2W: TD: 2,000' 1,155' FSL / 165' FEL	---
X-9	WILDCAT JIM PENN UNIT #64 (HIGGINS #11)	391547	2134460	34° 24' 28.81" -97° 26' 59.20"	34.408004 -97.449778	6-2S-2W: TD: 1,801' 990' FSL / 2310' FWL	---
X-10	HIGGINS "C" #1	390885	2133192	34° 24' 22.34" -97° 27' 14.37"	34.406205 -97.453892	6-2S-2W: TD: 2,416' 330' FSL / 1,040' FWL	---
X-11	WILDCAT JIM PENN UNIT #34 (HIGGINS "D" #3)	394855	2133746	34° 25' 01.58" -97° 27' 07.51"	34.417106 -97.452086	6-2S-2W: TD: 2,750' 985' FNL / 1,610' FWL	---
X-12	WILDCAT JIM PENN UNIT #30 (HIGGINS "D" #8)	395519	2134442	34° 25' 08.11" -97° 26' 59.15"	34.416920 -97.449763	6-2S-2W: TD: 2,500' 324' FNL / 2,310' FWL	---
X-13	HIGGINS "D" #10	393528	2132472	34° 24' 48.62" -97° 27' 22.80"	34.413477 -97.456333	6-2S-2W: TD: 3,809' ±2,307' FNL / ±330' FWL	---
X-14	WJPU #48-1 (SEXTON #1)	392879	2136391	34° 24' 41.89" -97° 26' 36.07"	34.411635 -97.443352	6-2S-2W: TD: 2,307' 2,310' FSL / 1,099' FEL	---
X-15	WJPU #51-3 (HIGGINS #3)	392884	2135171	34° 24' 42.00" -97° 26' 50.63"	34.411667 -97.447396	6-2S-2W: TD: 1,967' ±2,324' FSL / ±2,319' FEL	---
X-16	COX #2	391467	2136893	34° 24' 27.90" -97° 26' 30.16"	34.407749 -97.447172	6-2S-2W: TD: UNKNOWN' 895' FSL / 600' FEL	---
X-17	WJPU #68 (W.P. HIGGINS "A" #5-A)	391081	2136003	34° 24' 23.92" -97° 26' 40.81"	34.406646 -97.444889	6-2S-2W: TD: 1,826' 495' FSL / 1,491' FEL	---
X-18	WJPU #55-20 (HIGGINS, AC #20)	392220	2134513	34° 24' 35.47" -97° 26' 58.52"	34.409853 -97.449588	6-2S-2W: TD: UNKNOWN' 1,663' FSL / 2,366' FWL	---
X-19	WILDCAT JIM PENN UNIT #53 (HIGGINS "AC" #25)	392866	2133795	34° 24' 41.90" -97° 27' 07.05"	34.411639 -97.451959	6-2S-2W: TD: 2,525' 2,310' FSL / 1,650' FWL	---
X-20	WILDCAT JIM PENN UNIT #44 (EAVES #1)	393544	2135168	34° 24' 48.53" -97° 26' 50.62"	34.413481 -97.447394	6-2S-2W: TD: 2,100' 2,304' FNL / 2,319' FEL	---
X-21	WJPU #38-2 (EAVES #2)	394204	2135165	34° 24' 55.06" -97° 26' 50.61"	34.415294 -97.447391	6-2S-2W: TD: 2,103' 1,844' FNL / 2,317' FEL	---
X-22	EAVES "B" #1	393551	2136323	34° 24' 48.54" -97° 26' 36.83"	34.413482 -97.443564	6-2S-2W: TD: 2,493' 2,302' FNL / 1,164' FEL	---
X-23	WJPU #37-4 (EAVES #4)	394082	2135860	34° 24' 53.82" -97° 26' 42.32"	34.414950 -97.445090	6-2S-2W: TD: UNKNOWN' ±1,768' FNL / ±1,624' FEL	---
X-24	WJPU #46-2 (MENA #2)	393540	2135828	34° 24' 48.46" -97° 26' 42.74"	34.413482 -97.445205	6-2S-2W: TD: 2,500' 2,310' FNL / 1,659' FEL	---
X-25	WILDCAT JIM PENN UNIT #43 (HIGGINS "D" #1)	393540	2134508	34° 24' 48.53" -97° 26' 58.49"	34.413480 -97.449582	6-2S-2W: TD: 2,171' 2,304' FNL / 2,366' FWL	---
X-26	WJPU #39-2 (HIGGINS "D" #2)	394199	2134449	34° 24' 55.06" -97° 26' 59.18"	34.415293 -97.449766	6-2S-2W: TD: 2,263' 1,844' FNL / 2,310' FWL	---
X-27	WJPU #40-6 (HIGGINS "D" #6)	394070	2133881	34° 24' 53.81" -97° 27' 05.94"	34.414947 -97.451650	6-2S-2W: TD: 2,850' ±1,771' FNL / ±1,742' FWL	---

REVISIONS

No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
00	11-7-19	11-13-19	HG	ISSUED FOR APPROVAL	---
01	11-14-19	11-13-19	HG	REV'D BRYANT 2 WELL NAME	REV'D ALL EXHIBITS

Certificate of Authorization No. 7318



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

Oklahoma PLS No.1985 DATE