

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

API NUMBER: 051 24699

Approval Date: 08/22/2019

Expiration Date: 02/22/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SW ☐ SE ☐ SW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 320 750

Lease Name: GALVIN

Well No: 3-22-15XHW

Well will be 320 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

WAYNE BOWEN RIMER
305 CR 1942
YANTIS TX 75497

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	12135	6	
2	WOODFORD	12362	7	
3	HUNTON	12555	8	
4			9	
5			10	

Spacing Orders: 147146
590519

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903619
201903620
201903621
201903665
201903666

Special Orders:

Total Depth: 22456

Ground Elevation: 1132

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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: 3000 Average: 2000

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: DUNCAN

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

PERMIT NO: 19-36759

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: 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: DUNCAN

HORIZONTAL HOLE 1

Sec 15 Twp 6N Rge 5W County GRADY

Spot Location of End Point: NE NE NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1254

Depth of Deviation: 11994

Radius of Turn: 487

Direction: 5

Total Length: 9696

Measured Total Depth: 22456

True Vertical Depth: 12555

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

Additional Surface Owner	Address	City, State, Zip
RODNEY DALE RIMER	2277 STATE HWY 39	BLANCHARD, OK 73010
DEWAYNE BOWEN RIMER	2271 STATE HWY 39	BLANCHARD, OK 73010

Notes:

Category

Description

DEEP SURFACE CASING

7/17/2019 - 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

7/17/2019 - 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

7/17/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201903619

8/22/2019 - GB1 - (I.O.)(640) 15-6N-5W
EXT 626437 WDFD
REC. 8/5/2019 (M. PORTER)

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

051 24699 GALVIN 3-22-15XHW

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.

Category	Description
PENDING CD - 201903620	8/22/2019 - GB1 - 15-6N-5W X201903619 WDFD 4 WELLS NO OP. NAMED REC. 8/5/2019 (M. PORTER)
PENDING CD - 201903621	8/22/2019 - GB1 - 22-6N-5W X590519 WDFD 9 WELLS NO OP. NAMED REC. 8/5/2019 (M. PORTER)
PENDING CD - 201903665	8/22/2019 - GB1 - (I.O.) 15 & 22-6N-5W EST MULTIUNIT HORIZONTAL WELL X201903619 WDFD 15-6N-5W X147146 MSSP, HNTN 15 & 22-6N-5W X590519 WDFD 22-6N-5W (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 22-6N-5W 50% 15-6N-5W CONTINENTAL RESOURCES, INC REC. 8/5/2019 (M. PORTER)
PENDING CD - 201903666	8/22/2019 - GB1 - (I.O.) 15 & 22-6N-5W X201903619 WDFD 15-6N-5W X147146 MSSP, HNTN 15 & 22-6N-5W X590519 WDFD 22-6N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO GOOD MARTIN 2-10-3XH, GOOD MARTIN 3-10-3XH, AND GOOD MARTIN 4-10-3XH COMPL. INT. (22-6N-5W) NCT 150' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (15-6N-5W) NCT 0' FSL, NCT 150' FNL, NCT 660' FWL CONTINENTAL RESOURCES, INC REC. 8/5/2019 (M. PORTER)
SPACING - 147146	8/22/2019 - GB1 - (640) 15 & 22-6N-5W EXT 131103 HNTN, OTHERS EST MSSP, OTHERS
SPACING - 590519	8/22/2019 - GB1 - (640) 22-6N-5W EXT OTHER EXT 587940 WDFD, OTHERS

EXHIBIT: A (1 of 2)SHEET: 8.5x14SHL: 22-6N-5WBHL-3 15-6N-5W

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 22 Township 6N Range 5W I.M. Well: GALVIN 3-22-15XHWCounty GRADY State OK Well: --Operator CONTINENTAL RESOURCES, INC.

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W3	GALVIN 3-22-15XHW	596595	2052070	34° 58' 20.45" -97° 43' 15.78"	34.972346 -97.721051	320' FSL / 750' FWL (SW/4 SEC 22)	1131.80'	1131.94'
LP-3	LANDING POINT	596596	2052574	34° 58' 20.44" -97° 43' 09.72"	34.972345 -97.719368	320' FSL / 1254' FWL (SW/4 SEC 22)	--	--
BHL-3	BOTTOM HOLE LOCATION	606808	2052566	35° 00' 01.45" -97° 43' 09.49"	35.000402 -97.719302	50' FNL / 1254' FWL (NW/4 SEC 15)	--	--
X-1	GOOD #1	604502	2055288	34° 59' 38.56" -97° 42' 36.85"	34.994044 -97.710235	15-6N-5W: TD: 13,850' 2,352' FNL / 1,331' FEL	--	--
X-2	SPIVEY #1-15	603099	2052147	34° 59' 24.77" -97° 43' 14.65"	34.990214 -97.720735	15-6N-5W: TD: 13,778' 1,529' FSL / 829' FWL	--	--
X-3	GOOD MARTIN #5-10-3XH	606555	2054271	34° 59' 58.90" -97° 42' 49.00"	34.999694 -97.713610	15-6N-5W: TD: 20,041' 300' FNL / 2,340' FEL	--	--
X-4	GOOD MARTIN #3-10-3XH	606557	2052932	34° 59' 58.96" -97° 43' 05.09"	34.999711 -97.718081	15-6N-5W: TD: 17,821' 300' FNL / 1,620' FWL	--	--
X-5	GOOD MARTIN #1-10-3XH	606560	2051612	34° 59' 59.02" -97° 43' 20.96"	34.999727 -97.722489	15-6N-5W: TD: 20,102' 300' FNL / 300' FWL	--	--
X-6	GOOD MARTIN #4-10-3XH	606557	2052977	34° 59' 58.96" -97° 43' 04.55"	34.999710 -97.717931	15-6N-5W: TD: 20,268' 300' FNL / 1,665' FWL	--	--
X-7	GOOD MARTIN #2-10-3XH	606560	2051657	34° 59' 59.02" -97° 43' 20.42"	34.999727 -97.722338	15-6N-5W: TD: 20,242' 300' FNL / 345' FWL	--	--
X-8	GOOD MARTIN #6-10-3XH	606555	2054316	34° 59' 58.90" -97° 42' 48.46"	34.999693 -97.713460	15-6N-5W: TD: 20,170' 300' FNL / 2,295' FEL	--	--
X-9	PAYNE #1-22	600170	2055097	34° 58' 55.72" -97° 42' 39.29"	34.982144 -97.710913	22-6N-5W: TD: 13,750' 1,400' FNL / 1,534' FEL	--	--
X-10	GRIBI #1-22	598096	2052640	34° 58' 35.28" -97° 43' 08.88"	34.976466 -97.719134	22-6N-5W: TD: 12,990' 1,820' FSL / 1,320' FWL	--	--
X-11	GALVIN #1-22-27XH	601270	2051770	34° 59' 06.69" -97° 43' 19.23"	34.985191 -97.722009	22-6N-5W: TD: 19,635' 300' FNL / 450' FWL	--	--

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W3	GALVIN 3-22-15XHW	596553	2083667	34° 58' 20.20" -97° 43' 14.65"	34.972277 -97.720735	320' FSL / 750' FWL (SW/4 SEC 22)	1131.80'	1131.94'
LP-3	LANDING POINT	596554	2084171	34° 58' 20.19" -97° 43' 08.59"	34.972276 -97.719052	320' FSL / 1254' FWL (SW/4 SEC 22)	--	--
BHL-3	BOTTOM HOLE LOCATION	606766	2084162	35° 00' 01.20" -97° 43' 08.35"	35.000334 -97.718986	50' FNL / 1254' FWL (NW/4 SEC 15)	--	--
X-1	GOOD #1	604460	2086884	34° 59' 38.31" -97° 42' 35.71"	34.993975 -97.709920	15-6N-5W: TD: 13,850' 2,352' FNL / 1,331' FEL	--	--
X-2	SPIVEY #1-15	603057	2083743	34° 59' 24.52" -97° 43' 13.51"	34.990145 -97.720420	15-6N-5W: TD: 13,778' 1,529' FSL / 829' FWL	--	--
X-3	GOOD MARTIN #5-10-3XH	606513	2085868	34° 59' 58.65" -97° 42' 47.86"	34.999625 -97.713295	15-6N-5W: TD: 20,041' 300' FNL / 2,340' FEL	--	--
X-4	GOOD MARTIN #3-10-3XH	606515	2084529	34° 59' 58.71" -97° 43' 03.96"	34.999642 -97.717765	15-6N-5W: TD: 17,821' 300' FNL / 1,620' FWL	--	--
X-5	GOOD MARTIN #1-10-3XH	606518	2083209	34° 59' 58.77" -97° 43' 19.82"	34.999659 -97.722173	15-6N-5W: TD: 20,102' 300' FNL / 300' FWL	--	--
X-6	GOOD MARTIN #4-10-3XH	606515	2084574	34° 59' 58.71" -97° 43' 03.41"	34.999642 -97.717615	15-6N-5W: TD: 20,268' 300' FNL / 1,665' FWL	--	--
X-7	GOOD MARTIN #2-10-3XH	606518	2083254	34° 59' 58.77" -97° 43' 19.28"	34.999658 -97.722022	15-6N-5W: TD: 20,242' 300' FNL / 345' FWL	--	--
X-8	GOOD MARTIN #6-10-3XH	606513	2085913	34° 59' 58.65" -97° 42' 47.32"	34.999625 -97.713144	15-6N-5W: TD: 20,170' 300' FNL / 2,295' FEL	--	--
X-9	PAYNE #1-22	600128	2086694	34° 58' 55.47" -97° 42' 38.15"	34.982076 -97.710598	22-6N-5W: TD: 13,750' 1,400' FNL / 1,534' FEL	--	--
X-10	GRIBI #1-22	598054	2084237	34° 58' 35.03" -97° 43' 07.75"	34.976397 -97.718818	22-6N-5W: TD: 12,990' 1,820' FSL / 1,320' FWL	--	--
X-11	GALVIN #1-22-27XH	601228	2083367	34° 59' 06.44" -97° 43' 18.10"	34.985123 -97.721693	22-6N-5W: TD: 19,635' 300' FNL / 450' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--**--19
Date Drawn: 6-20-19Prepared By:
Petro Land Services South
10400 Vineyard Blvd.
Suite C
Oklahoma City, OK 73120

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	6-20-19	HOG	ISSUED FOR APPROVAL	--

