

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

API NUMBER: 051 24531

Approval Date: 12/12/2018

Expiration Date: 06/12/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 6N Rge: 5W

County: GRADY

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2271 285

Lease Name: HANSELL

Well No: 2-3-34XHW

Well will be 285 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 269091
OKLAHOMA CITY, OK 73126-9000

BEVERLY JEAN ADKINS TRUST, TRUSTEE
PO BOX 860491
PLANO TX 75086

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11799	6	
2	WOODFORD	11924	7	
3	HUNTON	12101	8	
4			9	
5			10	

Spacing Orders: 188337
581296
150355
595712

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809137
201809138
201809145
201809146

Special Orders:

Total Depth: 20034

Ground Elevation: 1175

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 450

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: 18-35602

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 34 Twp 7N Rge 5W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 400

Depth of Deviation: 11454

Radius of Turn: 490

Direction: 1

Total Length: 7810

Measured Total Depth: 20034

True Vertical Depth: 12101

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

Notes:

Category

Description

DEEP SURFACE CASING

11/20/2018 - 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

11/20/2018 - 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

11/20/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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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.

051 24531 HANSELL 2-3-34XHW

Category	Description
PENDING CD - 201809137	12/12/2018 - G56 - (I.O.) 3-6N-5W & 34-7N-5W ESTABLISH MULTIUNIT HORIZONTAL WELL X150355 HNTN 34-7N-5W X188337 MSSP 3-6N-5W & 34-7N-5W; HNTN 3-6N-5W X581296 WDFD 3-6N-9W X595712 WDFD 34-7N-5W (MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 35% 3-6N-5W 65% 34-7N-5W CONTINENTAL RESOURCES, INC. REC 11/27/2018 (NORRIS)
PENDING CD - 201809138	12/12/2018 - G56 - (I.O.) 3-6N-5W & 34-7N-5W X150355 HNTN 34-7N-5W X188337 MSSP 3-6N-5W & 34-7N-5W; HNTN 3-6N-5W X581296 WDFD 3-6N-9W X595712 WDFD 34-7N-5W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO GOOD MARTIN 6-10-3XH, GOOD MARTIN 7-10-3XH, AND RATCLIFF 1H-22X WELLS COMPL INT (3-6N-5W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (34-7N-5W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL NO OP NAMED REC 11/27/2018 (NORRIS)
PENDING CD - 201809145	12/12/2018 - G56 - (E.O.) 3-6N-5W X581296 WDFD 4 WELLS NO OP NAMED REC 11/27/2018 (NORRIS)
PENDING CD - 201809146	12/12/2018 - G56 - (E.O.) 34-7N-5W X595712 WDFD 4 WELLS NO OP NAMED REC 11/27/2018 (NORRIS)
SPACING - 150355	12/12/2018 - G56 - (640) 34-7N-5W VAC OTHERS EXT OTHERS EST OTHERS EXT 131103 HNTN, OTHERS
SPACING - 188337	12/12/2018 - G56 - (640) 3-6N-5W & 34-7N-5W EXT OTHERS EST OTHER EXT 106361 HNTN, OTHERS 3-6N-5W EXT 147146 MSSP, OTHER
SPACING - 581296	12/12/2018 - G56 - (640) 3-6N-5W EXT 147146 WDFD, OTHERS
SPACING - 595712	12/12/2018 - G56 - (640) 34-7N-5W EXT 581296 WDFD, OTHER

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.

EXHIBIT: A (1 of 2)
SHEET: 8.5x11
SHL: 3-6N-5W
BHL-2 34-7N-5W



COVER SHEET

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


Section 3 Township 6N Range 5W I.M. Well: HANSELL 2-3-34XHW
County GRADY State OK Well: --
Operator CONTINENTAL RESOURCES, INC.

NAD-83								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	HANSELL 2-3-34XHW	614425	2051570	35° 01' 16.82" -97° 43' 21.20"	35.021338 -97.722556	2271' FSL / 285' FWL (SW/4 SEC 3)	1174.56'	1173.33'
LP-2	LANDING POINT	614425	2051685	35° 01' 16.81" -97° 43' 19.82"	35.021337 -97.722172	2271' FSL / 400' FWL (SW/4 SEC 3)	--	--
BHL-2	BOTTOM HOLE LOCATION	622680	2051643	35° 02' 38.47" -97° 43' 20.05"	35.044019 -97.722237	50' FNL / 400' FWL (NW/4 SEC 34)	--	--
X-1	RATLIFF #1H-22X	622383	2052424	35° 02' 35.50" -97° 43' 10.67"	35.043195 -97.719631	34-7N-5W:SE4NE4NW4NW4 TD: 22,306' 350' FNL / 1,180' FWL	--	--
X-2	COBALT DIBBLE WEST SWD #1	622140	2056361	35° 02' 32.99" -97° 42' 23.33"	35.042496 -97.706481	34-7N-5W:SE4NE4NE4NE4 TD: 5,600' 2,040' FSL / 2,470' FWL	--	--
X-3	BRIDWELL #1H-22X	622413	2052424	35° 02' 35.80" -97° 43' 10.67"	35.043277 -97.719631	34-7N-5W:NE4NE4NW4NW4 TD: 22,930' 320' FNL / 1,180' FWL	--	--
X-4	HANSELL #1-3-34XH	612377	2053052	35° 00' 56.52" -97° 43' 03.45"	35.015699 -97.717626	3-6N-5W:SE4SW4SE4SW4 TD: 22,045' 225' FSL / 1,750' FWL	--	--

NAD-27								
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W2	HANSELL 2-3-34XHW	614383	2083167	35° 01' 16.57" -97° 43' 20.06"	35.021270 -97.722240	2271' FSL / 285' FWL (SW/4 SEC 3)	1174.56'	1173.33'
LP-2	LANDING POINT	614383	2083282	35° 01' 16.57" -97° 43' 18.68"	35.021269 -97.721856	2271' FSL / 400' FWL (SW/4 SEC 3)	--	--
BHL-2	BOTTOM HOLE LOCATION	622638	2083240	35° 02' 38.22" -97° 43' 18.91"	35.043951 -97.721921	50' FNL / 400' FWL (NW/4 SEC 34)	--	--
X-1	RATLIFF #1H-22X	622341	2084021	35° 02' 35.26" -97° 43' 09.53"	35.043128 -97.719314	34-7N-5W:SE4NE4NW4NW4 TD: 22,306' 350' FNL / 1,180' FWL	--	--
X-2	COBALT DIBBLE WEST SWD #1	622097	2087958	35° 02' 32.74" -97° 42' 22.19"	35.042428 -97.706165	34-7N-5W:SE4NE4NE4NE4 TD: 5,600' 2,040' FSL / 2,470' FWL	--	--
X-3	BRIDWELL #1H-22X	622371	2084021	35° 02' 35.56" -97° 43' 09.53"	35.043210 -97.719314	34-7N-5W:NE4NE4NW4NW4 TD: 22,930' 320' FNL / 1,180' FWL	--	--
X-4	HANSELL #1-3-34XH	612335	2084649	35° 00' 56.27" -97° 43' 02.31"	35.015631 -97.717309	3-6N-5W:SE4SW4SE4SW4 TD: 22,045' 225' FSL / 1,750' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--18
Date Drawn: 10-3-18

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

REVISIONS				
No.	DATE	BY	DESCRIPTION	COMMENTS
00	10-3-18	HOG	ISSUED FOR APPROVAL	--

EXHIBIT: A (2 of 2)
SHEET: 8.5x14
SHL: 3-6N-5W
BHL-2 34-7N-5W

PETRO LAND SERVICES SOUTH, LLC

10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
Certificate of Authorization No. 7318



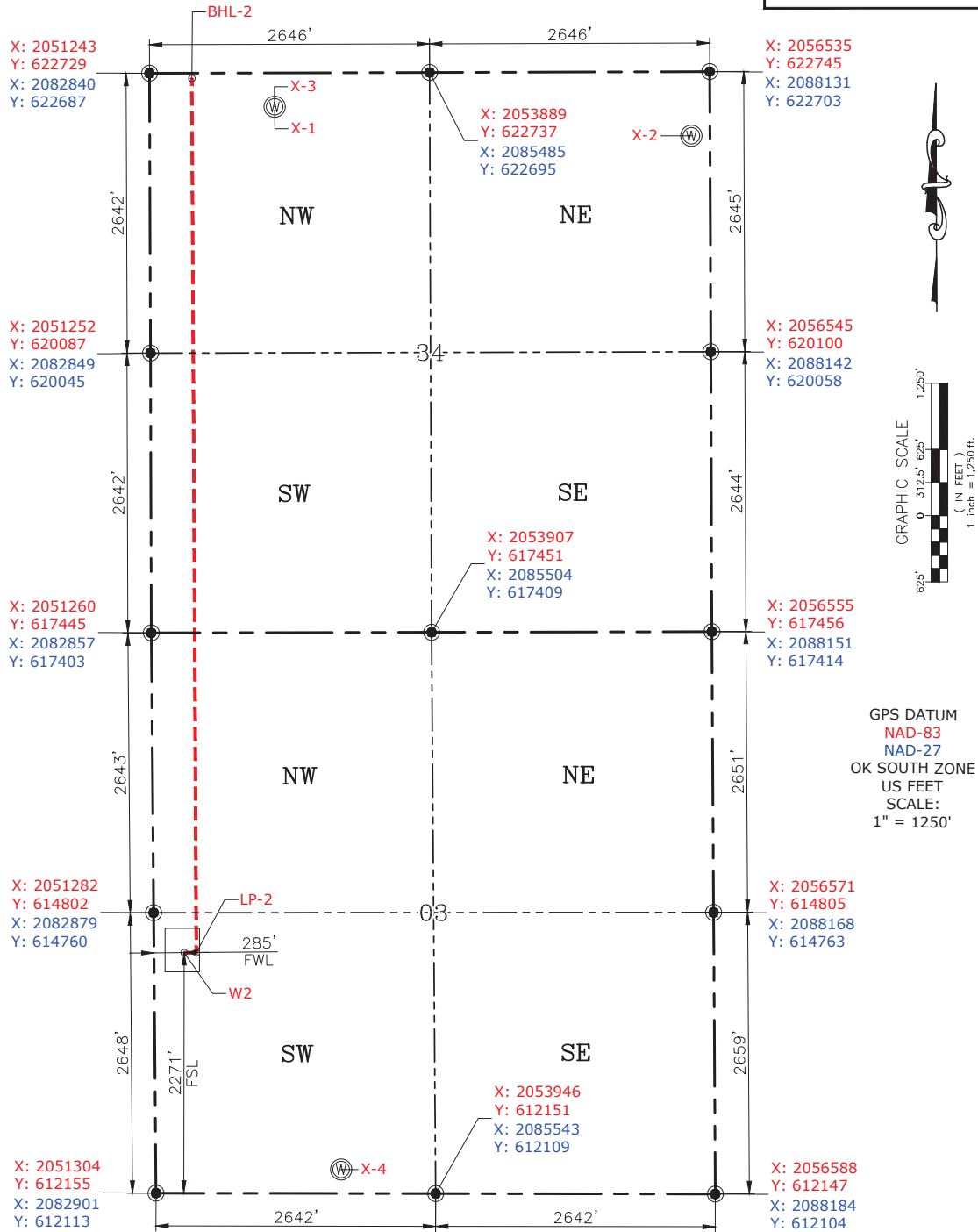
CONTINENTAL
RESOURCES, INC.
(OPERATOR)

GRADY

County Oklahoma

2271' FSL-285' FWL Section 3 Township 6N Range 5W I.M.

WELL: HANSELL 2-3-34XHW



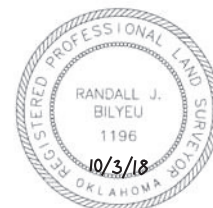
CURRENT REV.: 0

Date Drawn: 10-3-18

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 PLS 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. 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.

CERTIFICATE:

I, **RANDALL J. BILYEU** an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the information shown herein.



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE