API NUMBER: 051 24551 A	OKLAHOMA CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION P.O. BOX 52000 OKLAHOMA CITY, OK 73152-2000			Approval Date: 01/17/2019 Expiration Date: 07/17/2020		
Horizontal Hole Oil & Gas Multi Unit	(R	ule 165:10-3-1)	1			
mend reason: BOTTOM HOLE LOCATION CHANGED	AMEN	D PERMIT TO I	DRILL			
WELL LOCATION: Sec: 31 Twp: 7N Rge: 6W	County: GRADY					
	FEET FROM QUARTER: FROM SO SECTION LINES: 165		EST 00			
Lease Name: PHELPS	Well No: 1-3	31-30-19XHS	Well will b	e 1000 feet from neare	st unit or lease boundary.	
Operator CONTINENTAL RESOURCES INC Name:		Telephone: 40523	49020; 4052349	OTC/OCC Number:	3186 0	
CONTINENTAL RESOURCES INC			DESERT ROSE FAI			
PO BOX 269000						
OKLAHOMA CITY, OK	73126-9000		2439 COUNTY STR	-		
			CHICKASHA	OK 7	3018	
1 SPRINGER 2 3 4 5	13089	6 7 8 9 10				
Spacing Orders: 123130 107496	Location Exception Ord	ers:		Increased Density Orders:		
Pending CD Numbers: 201810621 201810622				Special Orders:		
Total Depth: 28142 Ground Elevation: 110	⁰⁴ Surface Cas	sing: 1500	Dep	th to base of Treatable Wate	r-Bearing FM: 570	
Under Federal Jurisdiction: No	Fresh Water Su	pply Well Drilled: N	0	Surface Water u	sed to Drill: Yes	
PIT 1 INFORMATION		Approv	ed Method for disposal of Dri	illing Fluids:		
Type of Pit System: CLOSED Closed System Means St	eel Pits					
Type of Mud System: WATER BASED		D. On	e time land application (RE	QUIRES PERMIT)	PERMIT NO: 18-36044	
Chlorides Max: 3000 Average: 2000		H. SE	E MEMO			
Is depth to top of ground water greater than 10ft below bas	e 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 AP/TE DEPOSIT						
Pit Location Formation: TERRACE						

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
 AP/TE DEPOSIT

 Pit Location Formation:
 TERRACE

HORIZONTAL HOLE 1

Sec 19 Twp 7N Rge 6W County GRADY Spot Location of End Point: NW NE NW NW Feet From: NORTH 1/4 Section Line: 50 Feet From: WEST 1/4 Section Line: 680 Depth of Deviation: 13070 Radius of Turn: 409 Direction: 357 Total Length: 14429 Measured Total Depth: 28142 True Vertical Depth: 13089 End Point Location from Lease, Unit, or Property Line: 50

Notes:	
Category	Description
DEEP SURFACE CASING	12/30/2018 - 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	12/30/2018 - 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	12/30/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201810621	1/15/2019 - GA8 - (I.O.) 31, 30 & 19-7N-6W EST MULTIUNIT HORIZONTAL WELL X123130 SPRG 31-7N-6W X107496 SPRG 30 & 19-7N-6W 25.85% 31-7N-6W 37.61% 30-7N-6W 36.54% 19-7N-6W CONTINENTAL RESOURCES, INC. REC 1/8/2019 (M. PORTER)
PENDING CD - 201810622	1/15/2019 - GA8 - (I.O.) 31, 30 & 19-7N-6W X123130 SPRG 31-7N-6W X107496 SPRG 19 & 30-7N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO KATHRYN 2-31-6XHS SHL (31-7N-6W) NW4 SW4 COMPL. INT. (31-7N-6W) NCT 330' FSL, NCT 0'FNL, NCT 660' FWL COMPL. INT. (30-7N-6W) NCT 0' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (19-7N-6W) NCT 0' FSL, NCT 150' FNL, NCT 660' FWL CONTINENTAL RESOURCES, INC. REC 1/8/2019 (M.PORTER)
SPACING - 107496	1/15/2019 - GA8 - (640) 30 & 19-7N-6W EXT OTHER EXT 75509 SPRG, OTHERS
SPACING - 123130	1/15/2019 - GA8 - (640) 31-7N-6W EXT 116468/118211 SPRG, OTHERS

EXHIBIT:	<u>A (2_of_4)</u>
SHEET:	8.5x11
SHL:	31-7N-6W
BHL-1	19-7N-6W
BHL-2	6-6N-6W



COVER SHEET CONTINUED ...

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

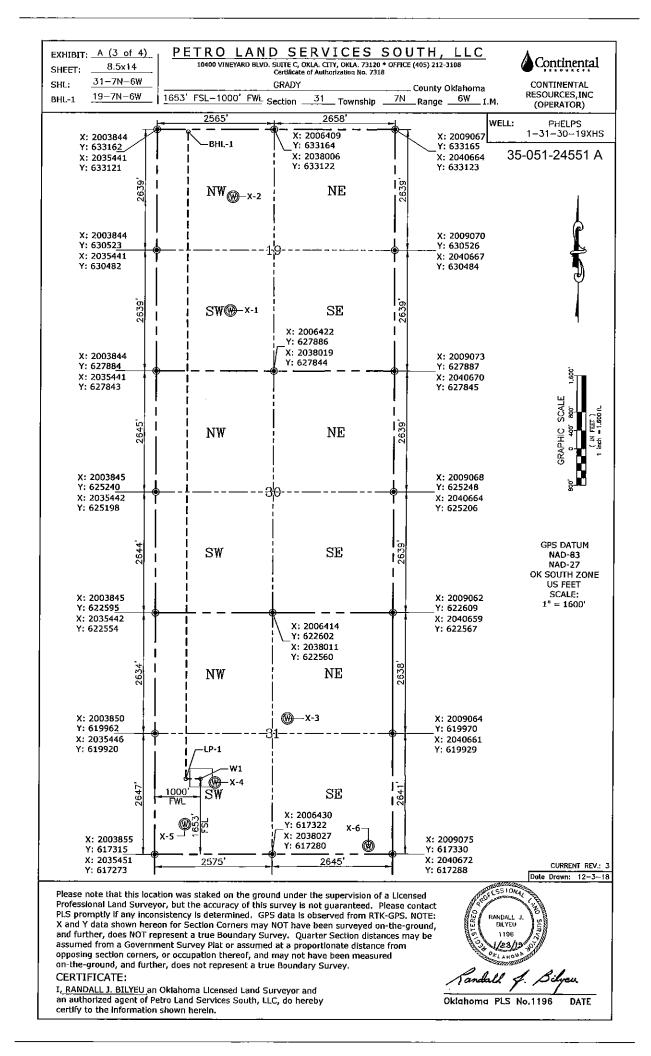
Section <u>31</u> Township <u>7N</u> Range <u>6W</u> I.M.

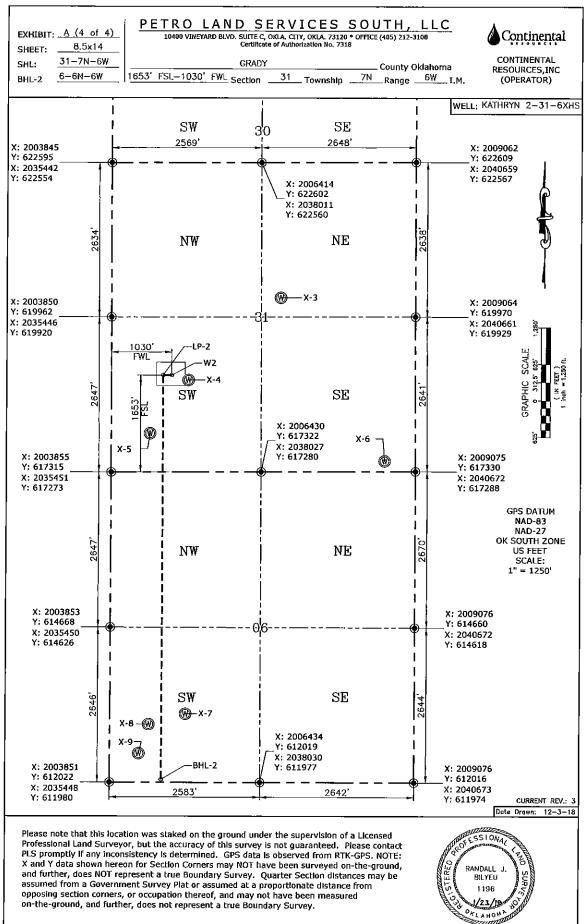
County _____ GRADY ____ State ____OK ____

Well: ___KATHRYN 2-31-6XHS

Operator <u>CONTINENTAL RESOURCES, I</u>NC.

		NAD	-27					
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATIO
W1	PHELPS 1-31-30-19XHS	618929	2036448	35' 02' 02.45" -97' 52' 41.71"	35.034015 -97.878252	1653' FSL / 1000' FWL (SW/4 SEC 31)	1106.46	1104.25
LP-1	LANDING POINT	618928	2036128	35' 02' 02.45" -97' 52' 45.55"	35.034013 -97.879320	1653' FSL / 680' FWL (SW/4 SEC 31)		
BHL-1	BOTTOM HOLE LOCATION	633071	2036121	35' 04' 22.34" -97' 52' 45.44"	35.072871 -97.879289	50' FNL / 680' FWL (NW/4 SEC 19)		
W 2	KATHRYN 2-31-6XHS	618929	2036478	35' 02' 02.45" -97' 52' 41.35"	35.034014 -97.878152	1653' FSL / 1030' FWL (SW/4 SEC 31)	1105.09'	1104.25
LP-2	LANDING POINT	618929	2036328	35 02 02.45" -97 52 43.15	35.034014 -97.878652	1653' FSL / 880' FWL (SW/4 SEC 31)		
BHL-2	BOTTOM HOLE LOCATION	612029	2036328	35' 00' 54.20" -97' 52' 43.26"	35.015057 -97.878682	50' FSL / 880' FWL (SW/4 SEC 6)		
X-1	C.W. CHAPMAN #1	629164	2037061	35' 03' 43.68" -97' 52' 34.19"	35.062132 -97.876163	19-7N-6W:SW4 TD: 13,000′ 1,320′ FSL / 1,620′ FWL		
X-2	BUSER #1-19	631652	2037111	35' 04' 08.29" -97' 52' 33.55"	35.068971 -97.875986	19-7N-6W:NE4NW4SE4NW4 TD: 8,100' 1,170' FSL OF ╁ SEC. / 1,670' FWL		
X-3	J.M. BEAUCHAMP #1	620251	2038351	35°02'15.51" -97°52'18.81"	35.037641 -97.871892	31-7N-6W:SW4SW4NE4 TD: 3,345' 330' FSL OF ‡ SEC. / 330' FWL OF ‡ SEC.		
X-4	MOORE "A" #1	618847	2036769	35' 02' 01.63" -97' 52' 37.86"	35.033787 97.877182	31-7N-6W:S2N2SW4 TD: 13,260' 1,570' FSL / 1,320' FWL		
X-5	VOGEL #1	617935	2036110	35' 01' 52.62" -97' 52' 45.79"	35.031284 -97.879385	31-7N-6W-SW4SW4 TD: 12,815' 660' FSL / 660' FWL		
X—6	KATHRYN ∦1−31−30XH	617466	2040141	35' 01' 47.94" -97' 51' 57.32"	35.029983 -97.865923	31-7N-6W:SW4SE4SE4SE4 TD: 24,467' 180' FSL / 530' FEL		
X7	MISER #1~6	613149	2036739	35°01′05.27″ -97′52°38.30″	35.018131 -97.877306	6-6N-6W:SW4 TD: 13,450' 1,170' FSL / 1,290' FWL		
X8	LOWE ∦1⊷6	612969	2036108	35 01 03.51 -97 52 45.88″	35.017641 -97.879411	6-6N-6W:SW4 TD: 8,500' 990' FSL / 660' FWL		
X9	LOWE #2-6	612475	2035943	35'00'58.61" -97'52'47.87"	35.016282 -97.879965	66N-6W:NE4SW4SW4SW4 TD: 13,600' 495' FSL / 495' FWL		





CERTIFICATE:

I, <u>RANDALL J. BILYEU</u> an Oklahoma Licensed Land Surveyor and an authorized agent of Petro Land Services South, LLC, do hereby certify to the Information shown herein.

Pandall J. Bilyev Oklahoma PLS No.1196 DATE