PI NUMBER: 137 27481 A	OKLAHOMA CORPORAT OIL & GAS CONSERV P.O. BOX 5	ATION DIVISION	Approval Date: 01/08/2020
izontal Hole Oil & Gas	OKLAHOMA CITY, C (Rule 165:1	DK 73152-2000	Expiration Date: 07/08/2021
	PERMIT TO	DRILL	
NELL LOCATION: Sec: 35 Twp: 2S Rge: 4W	County: STEPHENS		
SPOT LOCATION: SE SE NE SE	FEET FROM QUARTER: FROM SOUTH FROM	EAST	
	SECTION LINES: 1349	250	
Lease Name: TOMANEY	Well No: 1-35-34-27XHW	Well will be	250 feet from nearest unit or lease boundary.
Operator CONTINENTAL RESOURCES INC Name:	Telephone:	4052349020; 4052349	OTC/OCC Number: 3186 0
CONTINENTAL RESOURCES INC			
PO BOX 269000		HURST RANCH, LLC	2
	73126-9000	303044 E 1850 ROAI	D
		LOCO	OK 73442
1 MISSISSIPPIAN 2 SYCAMORE 3 WOODFORD 4 5 5 612102 644294 643830 613253 613253 Pending CD Numbers: 201905829 201905726 201905727 201905729 201905729	12431 12846 13605 Location Exception Orders:		ecial Orders:
Total Depth: 19329 Ground Elevation: 104	6 Surface Casing: 150	0 Depth	n to base of Treatable Water-Bearing FM: 640
	De	eep surface casing has been	approved
Under Federal Jurisdiction: No	Fresh Water Supply Well Drill	ed: No	Surface Water used to Drill: Yes
PIT 1 INFORMATION		Approved Method for disposal of Drilli	ing Fluids:
Type of Pit System: CLOSED Closed System Means St	eel Pits		
Type of Mud System: WATER BASED		D. One time land application (REC	QUIRES PERMIT) PERMIT NO: 16-3189
Chlorides Max: 3000 Average: 2000		H. SEE MEMO	
Is depth to top of ground water greater than 10ft below bas Within 1 mile of municipal water well? N	e of pit? Y		
Wellhead Protection Area? N			
Pit is located in a Hydrologically Sensitive Area.			
Category of Pit: C			
Category of Pit: C Liner not required for Category: C Pit Location is BED AQUIFER			

 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
 C

 Pit Location is
 BED AQUIFER

 Pit Location Formation:
 GARBER

HORIZONTAL HOLE 1

Sec	27	Twp	2S	Rge	4W	/	County	y S	TEPHENS
Spot	Locatior	n of En	d Point	: NE	Ξ	NW	SE	SV	V
Feet	From:	SOL	JTH	1/4 Se	ctior	n Line	e:	1075	
Feet	From:	WE	ST	1/4 Se	ctior	n Line	e:	1740	
Depth	Depth of Deviation: 12991								
Radiu	Radius of Turn: 391								
Direc	Direction: 300								
Total Length: 5724									
Measured Total Depth: 19329									
True Vertical Depth: 13798									
End F	Point Lo	cation	from Le	ease,					
I	Unit, or	Proper	ty Line:	1075					

Notes:	
Category	Description
DEEP SURFACE CASING	12/16/2019 - 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	12/16/2019 - 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	12/16/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201905726	12/26/2019 - GB1 - (I.O.) 35, 34, & 27-2S-4W X643830 MSSP, WDFD, OTHER 35-2S-4W X612102 WDFD, OTHER 34-2S-4W X644294 MSSP 34-2S-4W X613253 SCMR, WDFD, OTHER 27-2S-4W X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO HATCHETT 1-27H SHL (35-2S-4W) 1320' FSL, 250' FEL COMPL. INT. (35-2S-4W) NCT 1320' FSL, NCT 330' FEL, NCT 330' FNL, NCT 0' FWL COMPL. INT. (34-2S-4W) NCT 330' FNL, NCT 0' FEL, NCT 0' FNL, NCT 0' FWL COMPL. INT. (27-2S-4W) NCT 0' FSL, NCT 330' FEL, NCT 660' FSL, NCT 330' FWL CONTINENTAL RESOURCES, INC REC. 12/30/2019 (FOREMAN)
PENDING CD - 201905727	12/26/2019 - GB1 - 34-2S-4W X613253 WDFD *** 1 WELL NO OP. NAMED REC. 12/30/2019 (FOREMAN)
	***S/B # 612102 ; WILL BE CORRECTED PER ATTORNEY FOR OPERATOR
PENDING CD - 201905729	12/26/2019 - GB1 - 27-2S-4W X613253 WDFD 1 WELL NO OP. NAMED REC. 12/30/2019 (FOREMAN)
PENDING CD - 201905829	12/26/2019 - GB1 - (I.O.) 35, 34, & 27-2S-4W EST MULTIUNIT HORIZONTAL WELL X643830 MSSP, WDFD, OTHER 35-2S-4W X612102 WDFD, OTHER 34-2S-4W X644294 MSSP 34-2S-4W X613253 SCMR, WDFD, OTHER 27-2S-4W (SCMR, MSSP ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 58% 35-2S-4W 20% 34-2S-4W 22% 27-2S-4W NO OP. NAMED REC. 1/6/2020 (MILLER)
SPACING - 612102	12/26/2019 - GB1 - (640) 34-2S-4W EST MYES, OTHERS EXT 582226 CNEY, SCMR, WDFD, OTHERS (VAC CNEY, MYES, SCMR BY 644294)
SPACING - 613253	12/26/2019 - GB1 - (640) 27-2S-4W EST SCMR, WDFD, OTHERS
SPACING - 643830	12/26/2019 - GB1 - (640) 35-2S-4W EXT (VERT) 612102 WDFD, OTHERS EST (HOR) MSSP COMPL. INT (MSSP) NCT 660' FB
SPACING - 644294	12/26/2019 - GB1 - (640) 34-2S-4W VAC 612102 CNEY, MYES, SCMR EST MSSP

EXHIBIT:	<u>A (1 of 2)</u>
SHEET:	8.5x14
SHL:	35-2S-4W
BHL-1	27-2S-4W
BHL-1	27-2S-4W

API 137-27481A

Continental R E S O U R C E S

COVER SHEET

 CONTINENTAL
 RESOURCES,
 INC.

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

Section <u>35</u> Township <u>2S</u> Range <u>4W</u> I.M. Well: <u>TOMANEY 1-35-34-27XHW</u> STEPHENS State OK County ____

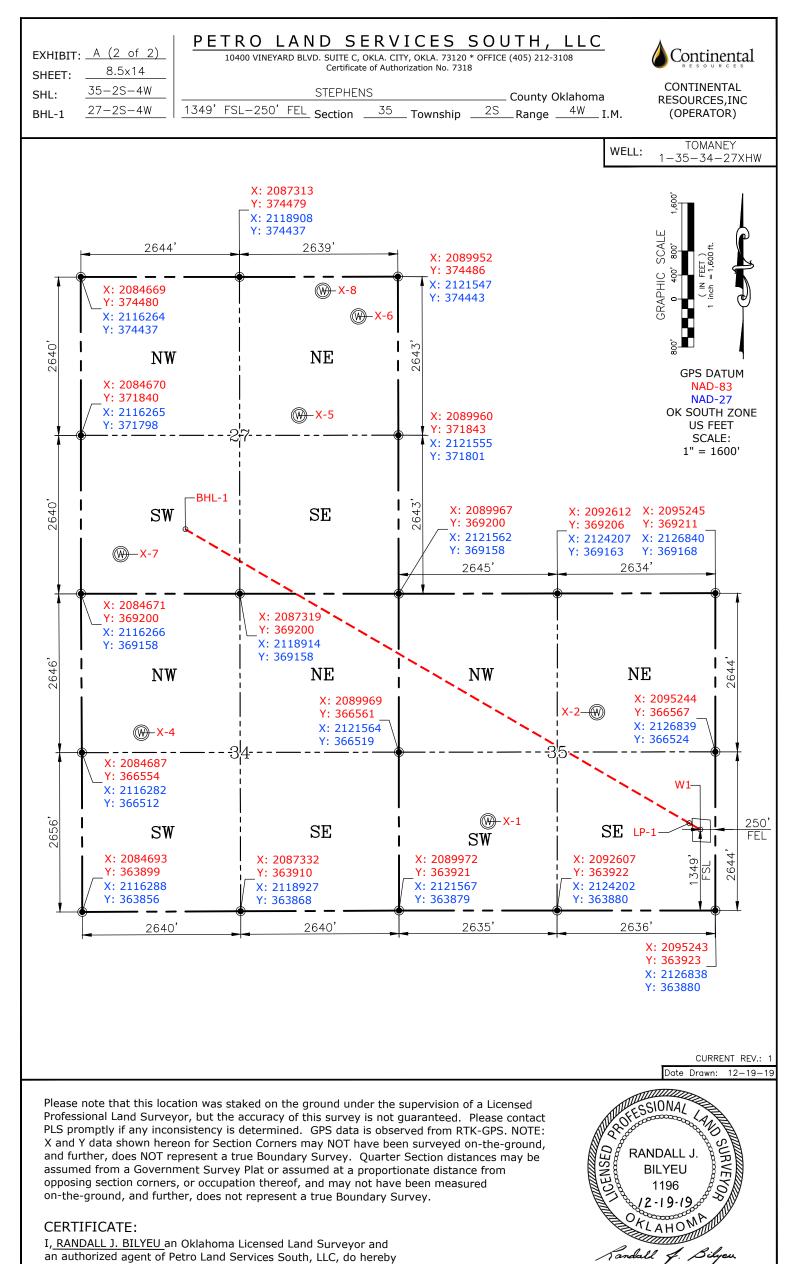
Well: _____

Operator _____CONTINENTAL RESOURCES, INC.

		NAD	-83					
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	TOMANEY 1-35-34-27XHW	365272	2094993	34°20′10.77" -97°34′51.54"	34.336325 -97.580984	1349' FSL / 250' FEL (SE/4 SEC 35)	1045.92'	N/A
LP-1	LANDING POINT	365379	2094810	34° 20' 11.84" -97° 34' 53.73"	34.336621 -97.581591	1456'FSL / 434'FEL (SE/4 SEC 35)		
BHL-1	BOTTOM HOLE LOCATION	370275	2086411	34° 21' 00.61" -97° 36' 33.66"	34.350169 -97.609350	1075' FSL / 1740' FWL (SW/4 SEC 27)		
X-1	RUSSELL #1	365408	2091453	34° 20' 12.26" -97° 35' 33.75"	34.336739 -97.592708	35-2S-4W: TD: 1,507' 1,486' FSL / 1,483' FWL		
X-2	BARNES #1	367225	2093270	34° 20' 30.16" -97° 35' 12.00"	34.341711 -97.586667	35–2S–4W: TD: 3,038' 1,982' FNL / 1,974' FEL		
X-4	BERTHA LINDLEY #1	366886	2085675	34° 20' 27.11" -97° 36' 42.59"	34.340863 -97.611830	34-2S-4W: TD: 2,750' 2,315' FNL / 990' FWL		
X-5	B.H. AIRINGTON #1	372172	2088306	34° 21' 19.30" -97° 36' 10.97"	34.355361 -97.603048	27–2S–4W: TD: 2,845' 2,310' FNL / 1,653' FEL		
X-6	DOCKALL #1	373823	2089294	34° 21' 35.59" -97° 35' 59.11"	34.359886 -97.599752	27-2S-4W: TD: 8,752' 662' FNL / 661' FEL		
X-7	WHITTEN #1	369860	2085331	34° 20' 56.55" -97° 36' 46.56"	34.349040 -97.612933	27-2S-4W: TD: 4,001' 660' FSL / 660' FWL		
X-8	HATCHETT #1-27H	374248	2088703	34° 21' 39.82" -97° 36' 06.13"	34.361060 -97.601704	27–2S–4W: TD: 18,015' 235' FNL / 1,250' FEL		

		NAD	-27					
POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	TOMANEY 1-35-34-27XHW	365229	2126588	34° 20' 10.45" -97° 34' 50.44"	34.336237 -97.580679	1349' FSL / 250' FEL (SE/4 SEC 35)	1045.92'	N/A
LP-1	LANDING POINT	365336	2126405	34° 20' 11.52" -97° 34' 52.63"	34.336533 -97.581286	1456' FSL / 434' FEL (SE/4 SEC 35)		
BHL-1	BOTTOM HOLE LOCATION	370233	2118006	34° 21' 00.29" -97° 36' 32.56"	34.350082 -97.609045	1075' FSL / 1740' FWL (SW/4 SEC 27)		
X-1	RUSSELL #1	365365	2123048	34° 20' 11.94" -97° 35' 32.65"	34.336651 -97.592403	35-2S-4W: TD: 1,507' 1,486' FSL / 1,483' FWL		
X-2	BARNES #1	367182	2124865	34° 20' 29.84" -97° 35' 10.90"	34.341623 -97.586361	35–25–4W: TD: 3,038' 1,982' FNL / 1,974' FEL		
X-4	BERTHA LINDLEY #1	366843	2117270	34° 20' 26.79" -97° 36' 41.49"	34.340775 -97.611524	34-2S-4W: TD: 2,750' 2,315' FNL / 990' FWL		
X-5	B.H. AIRINGTON #1	372130	2119901	34° 21' 18.98" -97° 36' 09.87"	34.355273 -97.602742	27-2S-4W: TD: 2,845' 2,310' FNL / 1,653' FEL		
X-6	DOCKALL #1	373780	2120889	34° 21' 35.27" -97° 35' 58.01"	34.359798 -97.599447	27-2S-4W: TD: 8,752' 662' FNL / 661' FEL		
X-7	WHITTEN #1	369818	2116926	34° 20' 56.23" -97° 36' 45.46"	34.348953 -97.612627	27-25-4W: TD: 4,001' 660' FSL / 660' FWL		
X-8	HATCHETT #1-27H	374205	2120298	34° 21' 39.50" -97° 36' 05.03"	34.360973 -97.601398	27-2S-4W: TD: 18,015' 235' FNL / 1,250' FEL		

	RE	EVISION	S			
Certificate of Authorization No. 7318	No.	DATE	STAKED	BY	DESCRIPTION	COMMENTS
Prepared By:	00	12-12-19	**-**-19	HDG	ISSUED FOR APPROVAL	
Petro Land Services South 10400 Vineyard Blvd.	01	12-19-19	**-**-19	HDG	REV'D SHL & LP	REV'D EXHIBIT A(1&2),B & H
Suite C Oklahoma City, OK 73120						



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.

Fandall J. , Oklahoma PLS No.1196 DATE

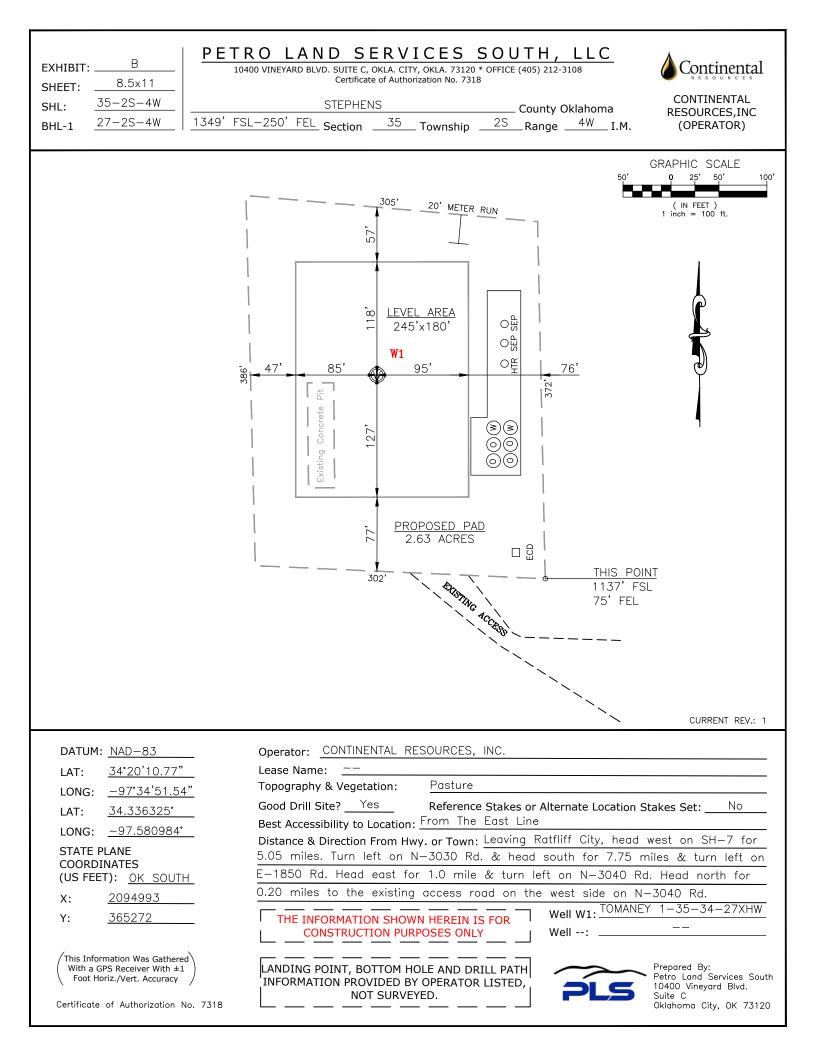
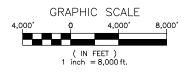


EXHIBIT:	C				
SHEET:	8.5x11				
SHL:	35-2S-4W				
BHL-1	27-2S-4W				







D			
8.5x11			
35-2S-4W			
27-2S-4W			



WELL W1: TOMANEY 1-35-34-27XHW WELL --: ____

FACING NORTH

(NO IMAGES AVAILABLE)

FACING SOUTH

(NO IMAGES AVAILABLE)

\sim	\sim
P	LS

					CURRENT REV.: 1
Prepared By:	By:	DRAWN BY:	HDG	SCALE:	N.T.S.
Petro Land Services South 10400 Vineyard Blvd.	TERRAIN	CHECKED BY:	MJL	JOB No.:	
Suite C		APPROVED BY:		DWG. NO.:	TERRAIN-1
Oklahoma City, OK 73120		DATE ISSUED:	12-19-19	SHEET:	1 OF 2

CURRENT DEV. 1

EXHIBIT:	E		
SHEET:	8.5x11		
SHL:	35-2S-4W		
BHL-1	27-2S-4W		



WELL W1: TOMANEY 1-35-34-27XHW WELL --: _____

FACING EAST

(NO IMAGES AVAILABLE)

FACING WEST

(NO IMAGES AVAILABLE)

\sim	>
P	LS

Prepared By: Petro Land Services South 10400 Vineyard Blvd. Suite C Oklahoma City, OK 73120		DRAWN BY:	HDG	SCALE:	N.T.S.
	TERRAIN	CHECKED BY:	MJL	JOB No.:	
	ILKKAIN	APPROVED BY:		DWG. NO.:	TERRAIN-2
		DATE ISSUED:	12-19-19	SHEET:	2 OF 2

CURRENT REV.: 1

F
8.5x11
35-2S-4W
27-2S-4W



WELL W1: TOMANEY 1-35-34-27XHW

WELL --: _____

PROPOSED ACCESS ROAD = 233' | 14.12 RODS (TOTAL)

