

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

API NUMBER: 051 24513

Approval Date: 11/05/2018
Expiration Date: 05/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 7N Rge: 6W

County: GRADY

SPOT LOCATION: NW SE SW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 552 1957

Lease Name: WALTERS WEST

Well No: 3-27-34-3-10XHS

Well will be 552 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

CONTINENTAL RESOURCES INC.
P.O. BOX 269000
OKLAHOMA CITY OK 73126

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

	Name	Depth	Name	Depth
1	MORROW	11923	6	
2	SPRINGER	12387	7	
3	MISSISSIPPIAN	13550	8	
4	CANEY	13587	9	
5			10	

Spacing Orders: 160624
583476
611441
116468
581844

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808017
201808018
201808008
201808011
201808012

Special Orders:

Total Depth: 24523

Ground Elevation: 1086

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 570

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)
H. SEE MEMO

PERMIT NO: 18-35452

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 1 INFORMATION

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 10 Twp 6N Rge 6W County GRADY

Spot Location of End Point: S2 S2 NW NE

Feet From: NORTH 1/4 Section Line: 1200

Feet From: EAST 1/4 Section Line: 1980

Depth of Deviation: 11978

Radius of Turn: 477

Direction: 181

Total Length: 11796

Measured Total Depth: 24523

True Vertical Depth: 13587

End Point Location from Lease,
Unit, or Property Line: 1200

Notes:

Category

Description

BOTTOM-HOLE LOCATION

10/31/2018 - G75 - 1200' FNL, 1980' FEL NE4 10-6N-6W PER REVISED STAKING PLAT

DEEP SURFACE CASING

10/8/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

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.

Category	Description
HYDRAULIC FRACTURING	10/8/2018 - 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	10/8/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - BITTER CREEK); PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201808008	10/10/2018 - G75 - 27-7N-6W X160624 SPRG 5 WELLS CONTINENTAL RESOURCES, INC. REC 10-23-2018 (MINMIER)
PENDING CD - 201808011	10/10/2018 - G75 - 34-7N-6W X160624 SPRG 4 WELLS CONTINENTAL RESOURCES, INC. REC 10-23-2018 (MINMIER)
PENDING CD - 201808012	10/10/2018 - G75 - 3-6N-6W X116468 SPRG 3 WELLS CONTINENTAL RESOURCES, INC. REC 10-23-2018 (MINMIER)
PENDING CD - 201808017	10/10/2018 - G75 - (I.O.) 27 & 34-7N-6W, 3 & 10-6N-6W EST MULTIUNIT HORIZONTAL WELL X160624 MRRW, SPRG 27-7N-6W X583476 CNEY 27-7N-6W X160624 MRRW, SPRG 34-7N-6W X611441 MSSP 34-7N-6W X116468 MRRW, SPRG 3-6N-6W X581844 CNEY 3-6N-6W X116468 SPRG 10-6N-6W (MRRW, CNEY, MSSP ADJACENT COMMON SOURCES OF SUPPLY TO SPRG) 4% 27-7N-6W 43% 34-7N-6W 43% 3-6N-6W 10% 10-6N-6W CONTINENTAL RESOURCES, INC. REC 11-2-2018 (M. PORTER)
PENDING CD - 201808018	10/10/2018 - G75 - (I.O.) 27 & 34-7N-6W, 3 & 10-6N-6W X160624 MRRW, SPRG 27-7N-6W X583476 CNEY 27-7N-6W X160624 MRRW, SPRG 34-7N-6W X611441 MSSP 34-7N-6W X116468 MRRW, SPRG 3-6N-6W X581844 CNEY 3-6N-6W X116468 SPRG 10-6N-6W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO AC WALTERS 3-27-22XHS OR OTHER PROPOSED WELLS COMPL. INT. (27-7N-6W) NFT 2640' FSL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (34-7N-6W) NCT 0' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (3-6N-6W) NCT 0' FNL, NCT 0' FSL, NCT 1320' FEL COMPL. INT. (10-6N-6W) NCT 0' FNL, NCT 2640' FSL, NCT 1320' FEL CONTINENTAL RESOURCES, INC. REC 11-2-2018 (M. PORTER)
SPACING - 116468	10/10/2018 - G75 - (640) 3 & 10-6N-6W VAC OTHER EST MRRW, SPRG, OTHERS

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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.

Category	Description
SPACING - 160624	10/10/2018 - G75 - (640) 27 & 34-7N-6W EXT 123130/155263 MRRW, SPRG, OTHERS
SPACING - 581844	10/10/2018 - G75 - (640) 3-6N-6W EST CNEY, OTHER
SPACING - 583476	10/10/2018 - G75 - (640) 27-7N-6W EXT 579577 CNEY, OTHERS
SPACING - 611441	10/10/2018 - G75 - (640) 34-7N-6W EXT OTHER EXT 153801 MSSP
TOTAL DEPTH	10/31/2018 - G75 - 24,523' PER OPERATOR
WELL NUMBER	10/31/2018 - G75 - 3-27-34-3-10XHS PER OPERATOR

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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.

EXHIBIT: A (1 of 4)
 SHEET: 8.5x11
 SHL: 27-7N-6W
 BHL-1 22-7N-6W
 BHL-2 10-6N-6W



API 051-24513

COVER SHEET

CONTINENTAL RESOURCES, INC.

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

Section 27 Township 7N Range 6W I.M.
 County GRADY State OK
 Operator CONTINENTAL RESOURCES, INC.

Well: AC WALTERS 3-27-22XHS
WALTERS WEST
 Well: 3-27-34-3-10XHS

NAD-83

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	AC WALTERS 3-27-22XHS	623208	2022958	35° 02' 44.33" -97° 49' 05.03"	35.045648 -97.818064	562' FSL / 1985' FEL (PART OF SE/4 SEC 27)	1083.13	1085.87
LP-1	LANDING POINT	623229	2022963	35° 02' 44.54" -97° 49' 04.97"	35.045706 -97.818047	583' FSL / 1980' FEL (SE/4 SEC 27)	--	--
BHL-1	BOTTOM HOLE LOCATION	633154	2022925	35° 04' 22.71" -97° 49' 05.21"	35.072974 -97.818114	50' FNL / 1980' FEL (NE/4 SEC 22)	--	--
W2	WALTERS WEST 3-27-34-3-10XHS	623198	2022986	35° 02' 44.23" -97° 49' 04.69"	35.045619 -97.817970	552' FSL / 1957' FEL (PART OF SE/4 SEC 27)	1083.15	1085.87
LP-2	LANDING POINT	623171	2022963	35° 02' 43.97" -97° 49' 04.97"	35.045547 -97.818047	525' FSL / 1980' FEL (SE/4 SEC 27)	--	--
BHL-2	BOTTOM HOLE LOCATION	610852	2022977	35° 00' 42.12" -97° 49' 05.08"	35.011700 -97.818076	1200' FNL / 1980' FEL (NE/4 SEC 10)	--	--
X-1	S.P. BEDINGFIELD #1	629901	2022930	35° 03' 50.53" -97° 49' 05.23"	35.064036 -97.818119	22-7N-6W:NW4SE4 TD: 9,900' 1,980' FSL / 660' FWL	--	--
X-2	WALTERS #1-22H	628123	2023264	35° 03' 32.94" -97° 49' 01.24"	35.059150 -97.817011	22-7N-6W:S2SE4SW4SE4 TD: 17,692' 200' FSL / 1,650' FEL	--	--
X-3	GALA #1-22H	628213	2020260	35° 03' 33.89" -97° 49' 37.37"	35.059413 -97.827048	22-7N-6W:SE4SW4SW4SW4 TD: 17,120' 300' FSL / 630' FWL	--	--
X-4	ROBINSON #3-15-10-3XHS	632882	2020735	35° 04' 20.05" -97° 49' 31.56"	35.072237 -97.825434	22-7N-6W:SE4NE4NW4NW4 TD: 25,383' 344' FNL / 1,100' FWL	--	--
X-5	ROBINSON #4-15-10-3XHS	632852	2020735	35° 04' 19.75" -97° 49' 31.56"	35.072154 -97.825435	22-7N-6W:NE4NE4NW4NW4 TD: 25,094' 314' FNL / 1,100' FWL	--	--
X-6	IGO #1-27H	622903	2024615	35° 02' 41.29" -97° 48' 45.11"	35.044802 -97.812530	27-7N-6W:S2SE4SE4SE4 TD: 18,160' 250' FSL / 330' FEL	--	--
X-7	A.C. WALTERS #1-27H	622934	2020316	35° 02' 41.67" -97° 49' 36.81"	35.044907 -97.826891	27-7N-6W:SW4SE4SW4SW4 TD: 16,924' 295' FSL / 662' FWL	--	--
X-8	GUTHERY #1-34H	617919	2022507	35° 01' 52.03" -97° 49' 10.57"	35.031118 -97.819602	34-7N-6W:NW4SW4SW4SE4 TD: 17,801' 554' FSL / 2,442' FEL	--	--
X-9	NANCY J #1-28H	622253	2019880	35° 02' 34.94" -97° 49' 42.07"	35.043038 -97.828352	34-7N-6W:SW4NW4NW4NW4 TD: 18,181' 385' FNL / 225' FWL	--	--
X-10	DRIFTWOOD NORTH #1-34SWD	618938	2024199	35° 02' 02.07" -97° 48' 50.21"	35.033909 -97.813946	34-7N-6W:SE4SW4NE4SE4 TD: 7,000' 1,570' FSL / 750' FEL	--	--
X-11	HENDRIX #1-3H	612245	2021309	35° 00' 55.92" -97° 49' 25.09"	35.015534 -97.823637	3-6N-6W:S2SW4SE4SW4 TD: 18,503' 200' FSL / 1,650' FWL	--	--
X-12	TAMARA #1-3H	612345	2020239	35° 00' 56.93" -97° 49' 37.96"	35.015814 -97.827210	3-6N-6W:SE4SW4SW4SW4 TD: 18,503' 305' FSL / 580' FWL	--	--
X-13	ISAAC TAYLOR 0606 #2-15-10WXH	610877	2020642	35° 00' 42.40" -97° 49' 33.14"	35.011779 -97.825872	10-6N-6W:SW4SE4NW4NW4 TD: 23,422' 1,165' FNL / 980' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **-**-18
 Date Drawn: 07-19-18



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

REVISIONS

No.	DATE	BY	DESCRIPTION	COMMENTS
00	07-19-18	MJL	ISSUED FOR APPROVAL	--
01	09-12-18	TJW	REV'D BHL	REV'D EXHIBITS A1, A2 & A4

EXHIBIT: A (2 of 4)
 SHEET: 8.5x11
 SHL: 27-7N-6W
 BHL-1 22-7N-6W
 BHL-2 10-6N-6W



COVER SHEET CONTINUED...

CONTINENTAL RESOURCES, INC.

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

Section 27 Township 7N Range 6W I.M.
 County GRADY State OK
 Operator CONTINENTAL RESOURCES, INC.

Well: AC WALTERS 3-27-22XHS
WALTERS WEST
 Well: 3-27-34-3-10XHS

NAD-27

POINT	WELL NAME	NORTHING	EASTING	LATITUDE LONGITUDE	LATITUDE LONGITUDE		EXISTING ELEVATION	DESIGN ELEVATION
W1	AC WALTERS 3-27-22XHS	623166	2054555	35° 02' 44.09" -97° 49' 03.88"	35.045581 -97.817745	562' FSL / 1985' FEL (PART OF SE/4 SEC 27)	1083.13	1085.87
LP-1	LANDING POINT	623187	2054560	35° 02' 44.30" -97° 49' 03.82"	35.045639 -97.817728	583' FSL / 1980' FEL (SE/4 SEC 27)	--	--
BHL-1	BOTTOM HOLE LOCATION	633112	2054522	35° 04' 22.47" -97° 49' 04.06"	35.072908 -97.817794	50' FNL / 1980' FEL (NE/4 SEC 22)	--	--
W2	WALTERS WEST 3-27-34-3-10XHS	623156	2054583	35° 02' 43.99" -97° 49' 03.54"	35.045553 -97.817651	552' FSL / 1957' FEL (PART OF SE/4 SEC 27)	1083.15	1085.87
LP-2	LANDING POINT	623130	2054560	35° 02' 43.73" -97° 49' 03.82"	35.045481 -97.817728	525' FSL / 1980' FEL (SE/4 SEC 27)	--	--
BHL-2	BOTTOM HOLE LOCATION	610811	2054573	35° 00' 41.88" -97° 49' 03.93"	35.011633 -97.817758	1200' FNL / 1980' FEL (NE/4 SEC 10)	--	--
X-1	S.P. BEDINGFIELD #1	629859	2054526	35° 03' 50.29" -97° 49' 04.08"	35.063970 -97.817800	22-7N-6W:NW4SE4 TD: 9,900' 1,980' FSL / 660' FWL	--	--
X-2	WALTERS #1-22H	628081	2054861	35° 03' 32.70" -97° 49' 00.09"	35.059084 -97.816692	22-7N-6W:S2SE4SW4SE4 TD: 17,692' 200' FSL / 1,650' FEL	--	--
X-3	GALA #1-22H	628172	2051857	35° 03' 33.65" -97° 49' 36.22"	35.059347 -97.826729	22-7N-6W:SE4SW4SW4SW4 TD: 17,120' 300' FSL / 630' FWL	--	--
X-4	ROBINSON #3-15-10-3XHS	632840	2052332	35° 04' 19.81" -97° 49' 30.41"	35.072171 -97.825115	22-7N-6W:SE4NE4NW4NW4 TD: 25,383' 344' FNL / 1,100' FWL	--	--
X-5	ROBINSON #4-15-10-3XHS	632810	2052332	35° 04' 19.52" -97° 49' 30.42"	35.072088 -97.825115	22-7N-6W:NE4NE4NW4NW4 TD: 25,094' 314' FNL / 1,100' FWL	--	--
X-6	IGO #1-27H	622861	2056212	35° 02' 41.05" -97° 48' 43.96"	35.044735 -97.812211	27-7N-6W:S2SE4SE4SE4 TD: 18,160' 250' FSL / 330' FEL	--	--
X-7	A.C. WALTERS #1-27H	622892	2051913	35° 02' 41.43" -97° 49' 35.66"	35.044841 -97.826572	27-7N-6W:SW4SE4SW4SW4 TD: 16,924' 295' FSL / 662' FWL	--	--
X-8	GUTHERY #1-34H	617877	2054104	35° 01' 51.79" -97° 49' 09.42"	35.031052 -97.819283	34-7N-6W:NW4SW4SW4SE4 TD: 17,801' 554' FSL / 2,442' FEL	--	--
X-9	NANCY J #1-28H	622211	2051477	35° 02' 34.70" -97° 49' 40.92"	35.042972 -97.828033	34-7N-6W:SW4NW4NW4NW4 TD: 18,181' 385' FNL / 225' FWL	--	--
X-10	DRIFTWOOD NORTH #1-34SWD	618896	2055795	35° 02' 01.83" -97° 48' 49.06"	35.033843 -97.813627	34-7N-6W:SE4SW4NE4SE4 TD: 7,000' 1,570' FSL / 750' FEL	--	--
X-11	HENDRIX #1-3H	612203	2052906	35° 00' 55.68" -97° 49' 23.95"	35.015467 -97.823318	3-6N-6W:S2SW4SE4SW4 TD: 18,503' 200' FSL / 1,650' FWL	--	--
X-12	TAMARA #1-3H	612303	2051836	35° 00' 56.69" -97° 49' 36.81"	35.015747 -97.826892	3-6N-6W:SE4SW4SW4SW4 TD: 18,503' 305' FSL / 580' FWL	--	--
X-13	ISAAC TAYLOR 0606 #2-15-10WXH	610835	2052239	35° 00' 42.16" -97° 49' 31.99"	35.011712 -97.825554	10-6N-6W:SW4SE4NW4NW4 TD: 23,422' 1,165' FNL / 980' FWL	--	--

Certificate of Authorization No. 7318

Date Staked: **--**--18
 Date Drawn: 07-19-18



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

EXHIBIT: A (4 of 4)
 SHEET: 8.5x14
 SHL: 27-7N-6W
 BHL-2 10-6N-6W

PETRO LAND SERVICES SOUTH, LLC

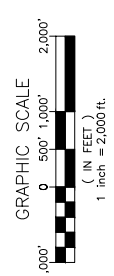
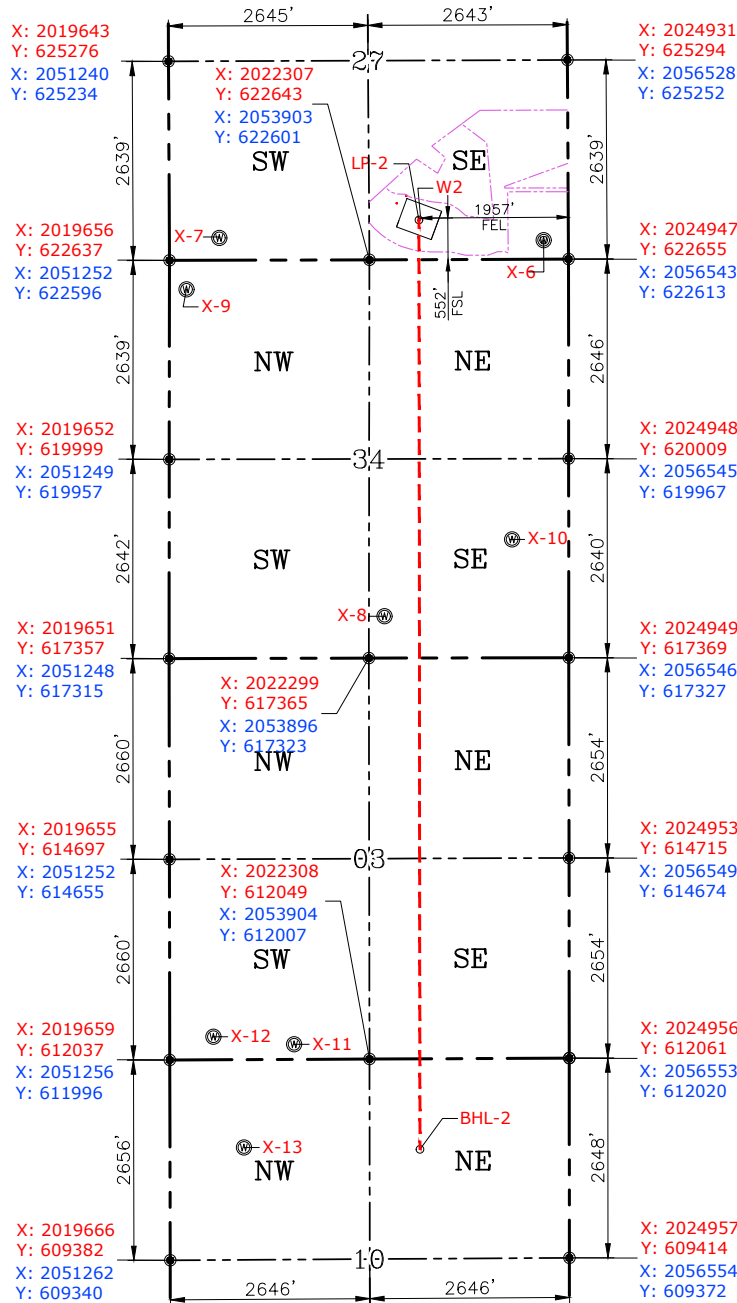
10400 VINEYARD BLVD. SUITE C, OKLA. CITY, OKLA. 73120 * OFFICE (405) 212-3108
 Certificate of Authorization No. 7318



CONTINENTAL
 RESOURCES, INC
 (OPERATOR)

GRADY _____ County Oklahoma
 552' FSL-1957' FEL Section 27 Township 7N Range 6W I.M.

WALTERS WEST
 WELL: 3-27-34-3-10XHS

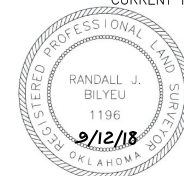


GPS DATUM
 NAD-83
 NAD-27
 OK SOUTH ZONE
 US FEET
 SCALE:
 1" = 2000'

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.

Date Drawn: 07-19-18

CURRENT REV.: 1



Randall J. Bilyeu

Oklahoma PLS No.1196 DATE

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.